

## WELCOME TO OUR 2018-2019 GATALOG!

1978 was our first full season growing "plugs" with a Blackmore seeder purchased on a payment plan! It's almost 2019 and Gro' n Sell is growing on 40 years of young plant production. We look forward to what the next 40 years have in store with all of the challenges and satisfactions that go along with providing predictable quality young plants to growers all over the US. We are humbled to be a small part of an amazing industry bringing flowers, innovation and creative ideas to help homeowners and gardeners bring beauty to our world. We are located in Chalfont, PA where our facility houses a large variety of plug and liner trays: annuals, perennials, herbs, vegetables and specialty products. Our attention to detail is what sets us apart. We provide first class starter plants with service, variety and value you can trust, time and time again... for 40 years and counting.

What else sets us apart? Our team continues to implement innovative technology and growing techniques, from PICAS software to IPM and BENEFICIAL INSECTS. Since beginning 'Gro' n Respectfully ${ }^{\text {'TM }} 3$ years ago we have drastically reduced the use of pesticides/insecticides - by over 65\%! Growing and operating our business in more sustainable ways supports an atmosphere that is better for our employees, our products and our customers and our world.

Our NEW web site has been up and running with easy-tonavigate icons and tools to equip you with both technical advice and links, along with steps to help you order and grow successfully. Check it out to be informed, supported, educated and even entertained. Follow us on Instagram and Facebook for more tools to help you grow.

Between the end of Spring shipping and full swing Summer perennial production, we have been blessed with a niche growing opportunity: we grow specimen plants, representing over 35 global breeding companies, for Cultivate, one of the foremost horticultural shows in North America. This gives us sneak peeks at what is new and gives us time to work through culture and growing protocols, allowing us to bring the best to you our customer. As our valued grower customers, we
want you to be successful and so we continue to offer our 5 Elements for Success ${ }^{\text {TM }}$ to take you there. For many of you, we are a one-stop shop for all your young plant needs and we greatly appreciate your business.

Mult-Ables ${ }^{\text {TM }}$ : Our new 50 cell tray was a big hit this past season and more new additions give you.... more choices of color and beauty! Take the guesswork out of designing your hanging baskets, combo planters and decorative pots. Three different components in one plug offer you extra choices and variety when it comes to filling up your greenhouse. Competitive pricing makes it even easier and more profitable for you! We have exciting combos from world class breeders such as Danziger's Mixis, Westhoff (Combinations), Kientzler (TrioMio), Sakata (Combinations), Selecta (Trixi) and now Green Fuse Botanicals' (Compatibles). The possibilities are seemingly endless.

Pot-Ables ${ }^{\text {TM }}$ : Specialty plants, unique product lines, larger liner sizes in 72 and 50 cell trays, for bigger pots and containers. . faster turns and more profit for you... more choices to expand your market and your seasons of sales. The Sunfinity Sunflower has been a big hit this past season. Try cool growing, early spring color and beauty, with the Anemone Pandora Double \& Single flowers. Or, the larger pot Patio Gerbera's (which sold out fast in 2018) and the Garvinea Sweets Gerberas available with more colors in our 2 tray collections. The tried and true large liner SunPatiens, Cannas, Wave Petunias, and Specialty Begonias including Non-Stop, Mocca, On-Top, Shine Bright, RiseUp, l'Conia, Beekenkamp's Dreams and Solenia are some of our other great sellers; a few more ideas amongst hundreds of other choices!

Big Burly ${ }^{\circledR}$ : The choice of growers for almost 40 years. Big Burly ${ }^{\circledR}$ supplies you with predictable quality and quick finishing perennials while representing world class perennial breeding such as Terra Nova, Walters Gardens, Darwin Perennials, Dummen Orange, Danziger, Intrinsic Perennial Garden, Plants Nouveau, Plant Haven, Must Have Perennials, Syngenta Flowers and many others. You can choose from the 72 Deep Big Burly ${ }^{\circledR}$

Jr. or the larger 32 Big Burly ${ }^{\circledR}$ plug sheet tray. If you are looking for a hardy, overwintered plant for early spring production, our vernalized liners are for you. If you need to add some color and variety to your late summer / fall selections, the custom grown summer perennials are your best choice. Either way, our plants offer a predictable performance that you can trust to do well anytime of the year.

Bloomin Plugs ${ }^{\circledR}$ : Five sizes to choose from, because one size doesn't always fit all! The choice is yours: from the smallest 384 's, to 288 's, 216 's, 128 's, and the largest - 51 Strips, we have a product to fit every budget and production schedule. Our young plants are grown with special care under HID lighting, with generous schedules, pinches where appropriate, PGRs, and nutritional recipes designed for each crop. This saves you valuable time and money...we do the work for you...saving you dollars because of shorter crop time on your bench.

Ed-Ables ${ }^{\circledR}$ : Irresistible Herbs and Vegetables. A comprehensive list of herbs, fruits and vegetables, carefully grown and creatively tagged. We hand select varieties from world-renowned breeders including ABZ, Vegetalis, Sakata, Takii, Prudac and Hishtil to name a few. Herbs and vegetables are available in 51 strips. Try out our popular 6 variety Herb Combos and new for Spring 2019 - Drink-Ables ${ }^{\text {TM }}$ Herb Combos with 3 varieties in 17 strips! Great for 6-8" pots and to refresh your water and summer cool drinks. New tags, new ideas, new ways to keep your customers coming back.

Gro ' $n$ Sell is always looking for ways to bring the solutions you need for your growing challenges. More importantly .. it's about the elements for your success....it's what keep us growing and it's what we do best.

## Growing Together,

The Gro 'n Sell Team

Find Plant Material Easily and Quickly

## Search By "Element"

We have 5 different color-coded sections divided by program category/plug size. Within each category, plants are listed along with the necessary information of hardiness, description, age, price and lead time.

- Mult-Ables ${ }^{\text {Tw }}$ - Multiliners
- Bloomin Plugs ${ }^{\circledR}$ - Annuals
- Pot-Ables ${ }^{T M}$ - Specialty Plants
- Ed-Ables ${ }^{\circledR}$ - Herbs \& Vegetables
- Big Burly - Perennials


## Symbol Guide

Each plant name is accompanied by a series of symbols. At the bottom of the first page of every section is a symbol guide explaining their meaning.

## Planning Calendar

This is located at the inside back cover of the catalog for your convenience

## Association Members

Distributors:

| Ball Horticultural Company | 1.800 .879 .2255 | www.ballhort.com |
| :--- | :---: | :--- |
| BFG Supply Co. | 1.800 .883 .0234 | www.bfgsupply.com |
| EHR Inc. | 1.800 .214 .2221 | www.ehrnet.com |
| Fred C. Gloeckner Company | 1.800 .345 .3787 | www.fredgloeckner.com |
| Germania Seed | 1.800 .380 .4721 | www.germaniaseed.com |
| Griffin | 1.800 .888 .0054 | www.griffins.com |
| Harris Seeds | 1.800 .544 .7938 | www.harrisseeds.com |
| Henry F. Michell Co., Inc. | 1.800 .422 .4678 | www.michells.com |
| J\&P Park Acquisitions, Inc. | 1.800 .845 .3366 | www.parkseed.com |
| McHutchison | 1.800 .943 .2230 | www.mchutchison.com |
| Messick Company, LLC | 1.408 .871 .9816 | www.messickco.com |
| Mid Atlantic Plant Company | 1.800 .366 .0350 | www.midatlanticplant.com |
| Vaughan's Horticulture | 1.855 .864 .3300 | www.vaughans.com |

Online Availability \& Ordering
Up to the minute online availability and online ordering with ePICAS at
www.gro-n-sell.com

With ePICAS, you can view live availability on our website and place availability or pre-book orders at anytime of the day or night. ePICAS also offers an Excel download option and the ability to look up orders, order status and tracking number.


## Mult-Ables"'


1.75 in. across x 1.75 in. deep cell

TrixiLiner ${ }^{\text {misen}}$ 粈
50 cells sold as 50


Ayers Rock


Cajun Flare


Double Delight


Gold \& Bold


Ball Game


Caribbean Cocktail


Electric Avenue


Hotter Than You Pink

- Tags: Ship automatically with orders and are billed at \$0.06 each price INCLUDES tag freight. Requests for NO TAGS must be made at time of ordering. Please contact John Henry for larger format or custom Trixi tags
- Minimum Order: 50 per variety; shipped 3 trays to a box
- Availability: 11/5/18 thru 5/17/19
(wk 45 - wk 20) Please contact us for other dates





Brass Band


Double Date


Geisha Girl


Love Song
1.75 in. across x 1.75 in. deep cell

TrixiLiner"'
50 cells sold as 50

## selecta ${ }^{\circ}$



Party Favor


Soul


Treasure Chest


Pop the Bubbly


Spring Valley


Twinkle Star


Popular Demand


Starlight Starbright '19


Walk On A Cloud

Nightfall '19


Prime Time


Strawberry Shortcake


Wild Berry

Old Glory '19


Purple with a Purpose '19


Sunset '19


Written in the Stars

| Component 1 | Component 2 | Component 3 |
| :--- | :--- | :--- | :--- |
| Calibrachoa MiniFamous Neo Orange Red Eye | Lobelia Magadi Electric Purple |  |
| Petunia Headliner Blue | Petunia Headliner Red | Verbena Lascar Dark Red |
| Calibrachoa MiniFamous Neo Coral + Red Eye | Calibrachoa MiniFamous Neo Orange + Red Eye | Petunia Headliner White |
| Calibrachoa MiniFamous Neo Purple | Calibrachoa MiniFamous Neo Salmon Pink + Eye | Calibrachoa MiniFamous Neo Yellow + Red Vein |
| Bacopa Big Falls Pearl | Calibrachoa MiniFamous Neo Light Blue | Calibrachoa MiniFamous Neo Violet + Eye |
| Calibrachoa MiniFamous Compact Dark Blue | Calibrachoa MiniFamous Neo Deep Yellow | Verbena Blues Light Pink + Eye |
| Calibrachoa MiniFamous Neo Deep Yellow | Calibrachoa MiniFamous Neo Vampire | Calibrachoa MiniFamous Neo Vampire |
| Bidens Namid Early Yellow | Petunia Headliner Violet Dark Eye |  |


| Variety (Red = New!) | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| Caribbean Cocktail | Calibrachoa MiniFamous Compact Blue | Calibrachoa MiniFamous Neo Orange Red Eye | Calibrachoa MiniFamous Neo Vampire | 1.216 |
| Cherry Kiss '19 | Calibrachoa MiniFamous Neo Salmon Pink + Eye | Petunia Headliner Lipstick | Verbena Blues Light Pink + Eye | 1.256 |
| Crazy for Crayons | Bidens Namid Early Yellow | Calibrachoa MiniFamous Compact Dark Blue | Verbena Lascar Burgundy | 1.256 |
| Daisy Dance | Calibrachoa MiniFamous Neo Orange + Red Eye | Osteospermum Daisy Falls Purple | Verbena Lascar Mango Orange | 1.256 |
| Daisy Falls | Osteospermum Daisy Falls Pink | Osteospermum Daisy Falls Purple | Osteospermum Daisy Falls White Amethyst | 1.332 |
| Double Date | Calibrachoa MiniFamous Neo Double Amethyst | Calibrachoa MiniFamous Uno Double Lemon | Calibrachoa MiniFamous Standard Double Magenta | 1.332 |
| Double Delight | Calibrachoa MiniFamous Uno Double Lemon | Lobelia Magadi White | Verbena Lascar Burgundy | 1.256 |
| Electric Avenue | Calibrachoa MiniFamous Standard Double Pink Vein | Lobelia Magadi Electric Purple | Verbena Blues Violet + Eye | 1.256 |
| Express Yourself | Lobelia Magadi Electric Blue | Petunia Headliner Violet Dark Eye | Verbena Lascar Burgundy | 1.256 |
| Fairy | Scaevola Fairy Blue | Scaevola Fairy Pink | Scaevola Fairy White | 1.172 |
| Flamingo Feather | Bacopa Big Falls Blue | Diascia Piccadilly Dark Salmon '19 | Osteospermum Daisy Falls Purple | 1.172 |
| Flirtini | Calibrachoa MiniFamous Neo Double Amethyst | Calibrachoa MiniFamous Uno Double Light Pink | Calibrachoa MiniFamous Uno Double Lemon | 1.332 |
| Geisha Girl | Calibrachoa MiniFamous Neo Light Pink + Eye | Petunia Headliner Red | Verbena Lascar Red Rose | 1.256 |
| Gold \& Bold | Calibrachoa MiniFamous Neo Deep Yellow | Calibrachoa MiniFamous Neo Royal Blue | Calibrachoa MiniFamous Neo Purple | 1.172 |
| Hotter Than You Pink | Petunia Headliner Lipstick | Petunia Headliner Pink Vein | Petunia Headliner White | 1.172 |
| Jam Session '19 | Bidens Namid Early Yellow | Calibrachoa MiniFamous Neo Light Blue | Petunia Starlet Burgundy | 1.256 |
| La Bomba | Bidens Namid Early Yellow | Calibrachoa MiniFamous Neo Royal Blue | Petunia Headliner Red | 1.256 |
| Liberty Bell | Calibrachoa MiniFamous Neo Royal Blue | Petunia Headliner Red | Verbena Lascar White | 1.256 |
| Lollipop | Calibrachoa MiniFamous Neo Blue | Calibrachoa MiniFamous Neo Deep Yellow | Calibrachoa MiniFamous Neo Pink | 1.172 |
| Love Song | Calibrachoa MiniFamous Standard Double Deep Yellow | Petunia Headliner Lipstick | Scaevola Fairy Blue | 1.256 |
| Night Watch | Bidens Namid Special Yellow | Petunia Starlet Velvet | Verbena Blues Red | 1.256 |
| Nightfall '19 | Calibrachoa MiniFamous Neo Blue | Petunia Starlet Lavender Star '19 | Verbena Blues Lavender + Eye | 1.256 |
| Old Glory '19 | Calibrachoa MiniFamous Compact Dark Blue | Calibrachoa MiniFamous Neo Vampire | Calibrachoa MiniFamous Neo White | 1.172 |
| Out of the Blue | Bidens Namid Early Yellow | Lobelia Magadi Dark Blue | Verbena Lascar White | 1.256 |
| Party Favor | Calibrachoa MiniFamous Neo Blue | Calibrachoa MiniFamous Neo Pink | Calibrachoa MiniFamous Neo White | 1.172 |
| Pop the Bubbly | Bidens Namid Early Yellow | Petunia Starlet Yellow | Verbena Lascar White | 1.256 |
| Popular Demand | Calibrachoa MiniFamous Standard Double Deep Yellow | Calibrachoa Uno Violet Star | Osteospermum Daisy Falls Purple | 1.383 |
| Pretty Princess | Calibrachoa MiniFamous Uno Double Chiffon | Calibrachoa MiniFamous Uno Double Pink | Calibrachoa MiniFamous Uno Double White | 1.332 |
| Prime Time | Bidens Namid Special Yellow | Verbena Lascar Dark Red | Verbena Lascar Dark Violet | 1.256 |
| Purple with a Purpose '19 | Calibrachoa MiniFamous Compact Dark Blue | Calibrachoa MiniFamous Neo Light Blue | Calibrachoa MiniFamous Neo White | 1.172 |
| Salt Water Taffy | Calibrachoa MiniFamous Neo Salmon Pink + Eye | Petunia Starlet Pink Lemonade | Verbena Blues Lavender + Eye | 1.256 |
| Soul | Verbena Blues Lavender + Eye | Verbena Blues Purple + Eye | Verbena Blues White | 1.172 |
| Spring Valley | Calibrachoa MiniFamous Neo Blue | Calibrachoa MiniFamous Standard Orange | Lobelia Magadi Basket White | 1.256 |
| Starlight Starbright '19 | Calibrachoa MiniFamous Neo Blue | Petunia Starlet Lavender Star '19 | Verbena BeBop Lavender | 1.256 |
| Starspinner | Calibrachoa MiniFamous Uno Pink Star | Calibrachoa MiniFamous Uno Violet Star |  | 1.018 |
| Strawberry Shortcake | Bacopa Big Falls White | Calibrachoa MiniFamous Neo Light Pink + Eye | Verbena Lascar Burgundy | 1.172 |
| Sunset '19 | Calibrachoa MiniFamous Neo Vampire | Calibrachoa MiniFamous Uno Orange | Calibrachoa MiniFamous Uno Yellow | 1.172 |
| Sweet Candy | Calibrachoa MiniFamous Compact Dark Blue | Calibrachoa MiniFamous Neo Light Pink + Eye | Calibrachoa MiniFamous Neo Orange + Red Eye | 1.172 |
| Treasure Chest | Lobelia Magadi Electric Purple | Petunia Headliner Violet Dark Eye | Verbena Lascar White | 1.256 |
| Twinkle Star | Bacopa Big Falls Pearl | Bidens Namid Early Yellow | Calibrachoa MiniFamous Compact Dark Blue | 1.172 |
| Walk On A Cloud | Calibrachoa MiniFamous Uno Yellow + Red Vein | Petunia Starlet White | Verbena Lascar White | 1.256 |
| Who Knew Orleans | Calibrachoa MiniFamous Uno Yellow + Red Vein | Petunia Headliner Red | Verbena Lascar Mango Orange | 1.256 |
| Wild Berry | Calibrachoa MiniFamous Neo Blue | Calibrachoa MiniFamous Neo Purple | Calibrachoa MiniFamous Neo White | 1.172 |
| Written in the Stars | Calibrachoa MiniFamous Neo Deep Yellow | Calibrachoa MiniFamous Uno Violet Star |  | 0.951 |

## Mult-Ables"

1.75 in. across x 1.75 in. deep cell

Mixis ${ }^{\text {T" }} 50$ cells sold as 50

- Royalties: All Royalties are included in price
- Tags: Tags are not supplied by Gro ' $n$ Sell.
- Availability: $11 / 5 / 18$ thru 5/17/19
(wk 45 - wk 20). Please contact us for other dates
- Lead Time: 7 weeks
- Minimum Order: 50 per variety;shipped 3 trays to a box


Blue Magic


Cotton Candy Delight


Morning Dew


Cymbeline


Party Time


Calista


Early Spring


Purple Reign


Alura


Cerylia


Hey Day


Sahara Sunset


Amelinda


Cleantha


Little Star


Shea

## Muti-Ables"




Solar Flare


Sunny Days


Twilight

| Variety (Red = New!) | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| Alura | Bacopa Scopia Great Pink Beauty | Bacopa Scopia Great Pink Ring | Bacopa Scopia Gulliver Violet | 1.018 |
| Amelinda | Bacopa Scopia Great Pink Beauty | Bacopa Scopia Gulliver Dynamic White | Bacopa Scopia Gulliver Violet | 1.018 |
| Blue Magic | Bacopa Scopia Gulliver Blue | Calibrachoa Noa Blue Legend | Lobularia Lavender Stream | 1.240 |
| Blushing Bride | Gaura Grace Blush | Petunia Littletunia Pink Splash | Verbena Vanessa White | 1.332 |
| Bright Lights | Calibrachoa Noa Yellow | Petunia Cascadias Autumn Mystery | Verbena Vanessa Cascading Red | 1.332 |
| Calista | Calibrachoa Noa Almond Blossom | Calibrachoa Noa Dark Pink Carnival | Calibrachoa Noa Mega Pink | 1.273 |
| Carnival | Petunia Littletunia Bicolor Illusion | Petunia Littletunia Purple Blue | Petunia Littletunia White Grace | 1.345 |
| Cerylia | Calibrachoa Noa Almond Blossom | Calibrachoa Noa Dark Red | Calibrachoa Noa Ultra Purple | 1.273 |
| Cleantha | Calibrachoa Noa Dark Red | Calibrachoa Noa Ultra Purple | Calibrachoa Noa Yellow | 1.273 |
| Cotton Candy Delight | Petunia Littletunia Pink | Petunia Littletunia Rose | Petunia Littletunia White Grace | 1.345 |
| Cymbeline | Calibrachoa Noa Blue Legend | Calibrachoa Noa Mega Pink | Calibrachoa Noa Yellow | 1.273 |
| Day to Night | Calibrachoa Noa Blue Legend | Nemesia Nesia Sunshine | Petunia Cascadias Autumn Mystery | 1.345 |
| Early Spring | Nemesia Nesia Sunshine | Osteospermum Osticade Happy Pink Imp | Petunia Cascadias Autumn Mystery | 1.383 |
| Heaven Scent | Lobularia Lavender Stream | Lobularia Raspberry Stream | Lobularia White Stream | 1.273 |
| Hey Day | Nemesia Nesia Burgundy | Nemesia Nesia Snow Angel | Nemesia Nesia Sunshine | 1.216 |
| Little Star | Bacopa Scopia Great Pink Beauty | Bacopa Scopia Gulliver Blue | Bacopa Scopia Gulliver Dynamic White | 1.018 |
| Morning Dew | Bidens Yellow Sunshine | Lobularia White Stream | Petunia Littletunia Purple Blue | 1.332 |
| Party Time | Portulaca Pazazz Pink Glow | Portulaca Pazazz Tangerine | Portulaca Pazazz Vivid Yellow | 1.133 |
| Patriot | Calibrachoa Noa Blue Legend | Calibrachoa Noa Dark Red | Calibrachoa Noa Snow | 1.273 |
| Purple Reign | Bacopa Scopia Gulliver Blue | Calibrachoa Noa Blue Legend | Mecardonia Garden Freckles | 1.383 |
| Raspberry Swirl | Petunia Littletunia Purple Blue | Petunia Littletunia Rose | Petunia Littletunia White Grace | 1.345 |
| Sahara Sunset | Portulaca Pazazz Pink Glow | Portulaca Pazazz Red Flare | Portulaca Pazazz Vivid Yellow | 1.133 |
| Shea | Scaevola Blue Touch | Scaevola White Blessing |  | 1.018 |
| Solar Flare | Coreopsis Solanna Golden Sphere | Salvia Sallyfun Deep Ocean | Verbena Vanessa White | 1.383 |
| Summer Parade | Calibrachoa Noa Almond Blossom | Calibrachoa Noa Blue Legend | Calibrachoa Noa Dark Pink Carnival | 1.273 |
| Summer Splendor | Bidens Yellow Sunshine | Calibrachoa Noa Ultimate Pink | Petunia Sunshine Ray | 1.332 |
| Sunny Days | Bidens Yellow Sunshine | Petunia Littletunia Purple Blue | Petunia Littletunia White Grace | 1.345 |
| Twilight | Bacopa Scopia Gulliver Blue | Bacopa Scopia Gulliver Blue Sensation | Bacopa Scopia Gulliver White | 1.018 |



## Muti-Ables"

75 in. across $\times 1.75$ in. deep cel
Trio Mio - Kientzler's mixed rooted liners


- Availability: 11/5/18 thru 5/17/19 (wk 45 - wk 20) Please contact us for other dates
- Lead Time: 7 Weeks

Tags: Ship automatically with orders and are billed at $\$ 0.0875$ each; price INCLUDES tag freight. Requests for NO TAGS must be made at time of ordering

- Royalties: All Royalties are included in price
- Minimum Order: 50 per variety; shipped 3 trays to a box


Little Alegria


Tweety Pop


Little Solero


Tweety Wave


Mango Punch


Zumba


Fashion


Patriot Petunia Mix


Fireworks


Salsa


Flamenco


Swing


Tweety Funk


Incense

| Variety (Red = New!) | Cor |
| :--- | :--- |
| Fashion | Ver |
| Fireworks | Ver |
| Flamenco | Call |
| Incense | Ver |
| Little Alegria | Ne |
| Little Solero | Ne |
| Mango Punch | Ca |
| Patriot Petunia Mix | Pet |
| Salsa | Ca |
| Swing | Ca |
| Tweety Funk | Bid |
| Tweety Pop | Bid |
| Tweety Wave | Ca |
| Zumba |  |


| Component 1 | Co |
| :--- | :--- |
| Verbena Vepita Blue Violet | Ve |
| Verbena Vepita Blue Violet | Verb |
| Calibrachoa Unique Dark Red | Ca |
| Verbena Vepita Blue Violet | Ve |
| Nemesia Babycake Little Banana | Ne |
| Nemesia Babycake Little Banana | Ca |
| Calibrachoa Unique Dark Red | Pe |
| Petunia Veranda Blue Picotee | Ca |
| Calibrachoa Unique Dark Red | Ca |
| Calibrachoa Unique Hot Pink | Ve |
| Bidens Tweety | Ve |
| Bidens Tweety | Ve |
| Bidens Tweety | Ca |
| Calibrachoa Unique Dark Red |  |


| Verbena Vepita Dark Magenta |  |
| :---: | :---: |
| Verbena Vepita Scarlet |  |
| Calibrachoa Unique Lilac |  |
| Verbena Vepita Lavender White |  |
| Nemesia Babycake Little Cherry |  |
| Nemesia Babycake Little Cherry |  |
| Calibrachoa Unique Golden Yellow |  |
| Petunia Veranda Compact Red |  |
| Calibrachoa Unique Golden Yellow |  |
| Calibrachoa Unique Lilac |  |
| Verbena Vepita Blue Violet |  |
| Verbena Vepita Blue Violet |  |
| Verbena Vepita Blue Violet |  |
| Calibrachoa Unique Golden Yellow |  |


| Component 3 | Price |
| :--- | :--- |
| Verbena Vepita Lavender | 1.150 |
| Verbena Vepita White | 1.150 |
| Calibrachoa Unique White | 1.150 |
| Verbena Vepita White | 1.150 |
| Nemesia Babycake Little Coconut | 1.180 |
| Nemesia Babycake Little Orange | 1.180 |
| Calibrachoa Unique Mango Punch | 1.150 |
|  | 1.180 |
| Calibrachoa Unique White | 1.150 |
| Calibrachoa Unique White | 1.150 |
| Verbena Vepita Hot Pink | 1.175 |
| Verbena Vepita Fire Red | 1.175 |
| Verbena Vepita White | 1.175 |
| Calibrachoa Unique Lilac | 1.150 |

## Mult－Ables＂＇

1.75 in．across x 1.75 in．deep cell

## Sakata Combo rooted liners

## Single－species

50 cells sold as 50
－Availability：11／5／18 thru 5／17／19（wk 45 －wk 20） Please contact us for other dates
－Tags：Ship automatically with orders and are billed at \＄0．0875 each；price INCLUDES tag freight．
Requests for NO TAGS must be made at time of ordering．
－Royalties：Included in prices
－Minimum Order： 50 per variety；
shipped 3 trays to a box
－Lead Time： 7 weeks


Sparkler


Garden Magic


Summer Sensation


Premium Autumn Spice


SuperCal


Premium Bonfire


Terra Nova ${ }^{\oplus}$ Coleus Combo

| Variety（Red $=$ New！） | Component 1 | Component 2 | Price |
| :--- | :--- | :--- | :--- |
| Garden Magic | Petchoa SuperCal Blue | Petchoa SuperCal Cherry Imp． | Component 3 |
| Premium Autumn Spice | Petchoa SuperCal Premium Cinnamon | Petchoa SuperCal Premium French Vanilla |  |
| Premium Bonfire | Petchoa SuperCal Premium Caramel Yellow | Petchoa SuperCal Premium Cinnamon |  |
| Sparkler | Calibrachoa Calipetite Blue Imp． | Calibrachoa Calipetite Red Imp． |  |
| Summer Sensation | Petchoa SuperCal Blue | Petchoa SuperCal Light Yellow | Petchoa SuperCal Premium French Vanilla |
| SuperCal | Petchoa SuperCal Blushing Pink | Petchoa SuperCal Cherry Imp． | Calibrachoa Calipetite White Imp． |
| Terra Nova ${ }^{\oplus}$ Coleus Combo | 1.370 |  |  |

## SYMBOL GUIDE

| 湴 Sun | $\propto$ Cut Flower | I\} | Borders | － | Hanging Baskets | se | Vegetatively Propagated | 4 | Heat Tolerant |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| －Part Shade | ＊Cool Crops | 繒 | Combination Planters | （A） | AAS Winner | 1 | Attracts Butterflies \＆Hummingbirds |  |  |
| －Shade | 量 Pots | 算 | Tolerates Dry Conditions | © | Fleuroselect | 0 | Ground Cover |  |  |

## 

# Mutt-Ables'" 



### 1.75 in. across $\times 1.75$ in. deep cell

## Westhoff Combination Mixes

50 cells sold as 50


Banana Split


Cocktail Mix


Midnight Hour

- Availability: 11/5/18 thru 5/17/19
(wk 45 - wk 20) Please contact us for other dates
- Tags: Ship automatically with orders and are billed at $\$ 0.06$ each; price INCLUDES tag freight. Requests for NO TAGS must be made at time of ordering.
- Royalties: Included in prices
- Minimum Order: 50 per variety; shipped 3 trays to a box
- Lead Time: 7 weeks


Belle Bouquet


Coral Reef Mix


Ole Caliente Mix


Berry Naughty


Do You Lilac It?


Pink Happy


Capri


Epic Mix


Pink Panther

Most photos courtesy of PAC Elsner/Westhoff


Cesar


Fairytale


Pixie Stix Mix


Cleopatra


Fire Woman


Play Date


Banana Daiquiri


Coat Azure


Hurricane ${ }^{\text {тм }}$ Mix


Rio

## Mult－Ables＂＇

VEGETATIVE ANNUALS 潆 潼照賭会
1.75 in．across $\times 1.75$ in．deep cell


Sangria


Summer Beauty


Scalora ${ }^{\circledR}$ Mix


Summer Breeze


Snow Flurries


Swizzle


Spirit


Tropical


Spring


Twilight


Starstruck Mix


Voodootm Mix


Sugar Rush


Vulcano

| Variety（Red＝New！） | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| Banana Daiquiri | Calibrachoa Celebration Banana | Lobularia Sweetness Yellow | Verbena Estrella White | 1.266 |
| Banana Split | Calibrachoa Celebration Banana | Petunia Perfectunia Sun | Verbena Estrella White | 1.240 |
| Belle Bouquet | Lobelia Hot Bavaria | Petunia Perfectunia Magma Red | Verbena Estrella White | 1.240 |
| Berry Naughty | Lobularia Sweetness Yellow | Petunia Crazytunia Blackberry Cheesecake | Scaevola Scalora Suntastic Imp． | 1.468 |
| Capri | Calibrachoa Calitastic Gold | Calibrachoa Calitastic Red Lips | Calibrachoa Calitastic White | 1.106 |
| Cesar | Calibrachoa Calibasket Sangria | Petunia Perfectunia Curacao | Scaevola Scalora Amethyst | 1.266 |
| Cleopatra | Calibrachoa Calibasket Sangria | Petunia Perfectunia Curacao | Verbena Estrella Dark Purple | 1.240 |
| Coat Azure | Lobelia Star Blue Star | Petunia Crazytunia Black Mamba | Verbena Estrella White | 1.332 |
| Cocktail Mix | Verbena Estrella Merlot | Verbena Estrella Peach | Verbena Estrella Red | 1.106 |
| Coral Reef Mix | Portulaca ColorBlast Grenadine | Portulaca ColorBlast Limon | Portulaca ColorBlast Tangerine | 1.273 |
| Do You Lilac It？ | Petunia Perfectunia White | Stachys Lilac Falls | Verbena Estrella Dark Purple | 1.332 |
| Epic Mix | Bacopa Epic Blue | Bacopa Epic Pink | Bacopa Epic White | 0.825 |
| Fairytale | Calibrachoa Chameleon Lavender Sorbet Imp． | Calibrachoa Chameleon Pink Diamond |  | 1.018 |
| Fire Woman | Bidens Giant Sun Louis | Calibrachoa Celebration Mandarin | Petunia Perfectunia Magma Red | 1.183 |
| Hurricane ${ }^{\text {TM }}$ Mix | Verbena Hurricane Blue | Verbena Hurricane Pink | Verbena Hurricane Red | 1.106 |

VEGETATIVE ANNUALS

### 1.75 in. across $\times 1.75$ in. deep cell

## Westhoff Combination Mixes

50 cells sold as 50


- Availability: 11/5/18 thru 5/17/19
(wk 45 - wk 20) Please contact us for other dates.
- Tags: Ship automatically with orders and are billed at $\$ 0.06$ each; price INCLUDES tag freight. Requests for NO TAGS must be made at time of ordering.
- Royalties: Included in prices
- Minimum Order: 50 per variety;
shipped 3 trays to a box
- Lead Time: 7 weeks

Most photos courtesy of PAC Elsner/Westhoff

| Variety (Red = New!) | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| Midnight Hour | Calibrachoa Calibasket Midnight | Lobelia Hot Royal Blue | Verbena Hurricane Blue | 1.183 |
| Ole Caliente | Portulaca ColorBlast Grenadine | Portulaca ColorBlast Limon | Portulaca ColorBlast Plumberry | 1.273 |
| Pink Happy | Calibrachoa Calibasket Pink Doll | Lobularia Sweetness White | Verbena Hurricane Pink | 1.266 |
| Pink Panther | Calibrachoa Calibasket Pink Doll | Petunia Perfectunia Amarena | Verbena Hurricane Pink | 1.240 |
| Pixie Stix Mix | Calibrachoa Candy Shop Grape Splash | Calibrachoa Candy Shop Sweet Dreams |  | 0970 |
| Play Date | Bacopa Epic Blue | Calibrachoa Calitastic Indigo | Verbena Estrella White | 1.106 |
| Rio | Calibrachoa Calitastic Gold | Calibrachoa Calitastic Indigo | Calibrachoa Calitastic Red Lips | 1.106 |
| Sangria | Verbena Estrella Peach | Verbena Estrella Red | Verbena Voodoo Red Star | 1.106 |
| Scalora ${ }^{\text {® }}$ Mix | Scaevola Scalora Amethyst | Scaevola Scalora Crystal | Scaevola Scalora Topaz Pink | 1.133 |
| Snow Flurries | Lobelia Hot Snow White | Lobelia Hot Waterblue |  | 0.853 |
| Spirit | Calibrachoa Calibasket Midnight | Lobularia Sweetness White | Verbena Gala Beauty Red | 1.266 |
| Spring | Calibrachoa Calitastic Fancy Fuchsia | Calibrachoa Calitastic Indigo | Calibrachoa Calitastic White Imp. | 1.106 |
| Starstruck Mix | Verbena Voodoo Lavender Star | Verbena Voodoo Merlot Star | Verbena Voodoo Salmon Star | 1.106 |
| Sugar Rush | Petunia Perfectunia Amareno | Petunia Perfectunia Curacao | Petunia Perfectunia Malaga | 1.273 |
| Summer Beauty | Calibrachoa Celebration Banana | Lobelia Hot Tiger | Verbena Estrella Red | 1.183 |
| Summer Breeze | Bacopa Epic White | Lobelia Hot Bavaria | Verbena Voodoo Red Star | 1.106 |
| Swizzle | Portulaca ColorBlast Lemon Twist | Portulaca ColorBlast Mango Mojito | Portulaca ColorBlast Watermelon Punch | 1.273 |
| Tropical | Calibrachoa Celebration Neon Rose | Calibrachoa Calitastic Mango | Calibrachoa Calitastic Pumpkin Spice | 1.106 |
| Twilight | Petunia Crazytunia Twilight Blue | Petunia Crazytunia Twilight Lime | Petunia Crazytunia Twilight Red | 1.418 |
| Voodoo ${ }^{\text {TM }}$ Mix | Verbena Voodoo Merlot Star | Verbena Voodoo Red Star | Verbena Voodoo Salmon Star | 1.106 |
| Vulcano | Calibrachoa Calitastic Mango | Calibrachoa Calitastic Pumpkin Spice | Calibrachoa Calitastic Red Lips | 1.106 |

## Mult－Ables＂＇

vegetative annuals 緭潼譬合
1.75 in．across $\times 1.75$ in．deep cell

## Green Fuse COMPATIBLES mixed rooted liners

## GREENFUSE <br> botanicals，inc．

50 cells sold as 50
－Availability：11／5／18 thru 5／17／19（wk 45 －wk 20）Please contact us for other dates
－Tags：Ship automatically with orders and are billed at $\$ 0.0875$ each；price INCLUDES tag freight．
Requests for NO TAGS must be made at time of ordering．


4th of July


Flip Flops


Monarch


Arizona Sky


Fruit Swirl


Monet


Bubblicious


Grape Frost


Moonshadow


Ferris Whee


Honeybee


Mountain Meadow


Firefly


Key West Shore


Patio Paradise


Fireworks


Lazy Days


Patio Popper


Flaminco


Malibu Sunset


Pinata
1.75 in. across $\times 1.75$ in. deep cell

## Green Fuse COMPATIBLES mixed rooted liners

## 50 cells sold as 50

- Availability: 11/5/18 thru 5/17/19 (wk 45 - wk 20) Please contact us for other dates
- Tags: Ship automatically with orders and are billed at $\$ 0.0875$ each; price INCLUDES tag freight.
Requests for NO TAGS must be made at time of ordering.


Snow Cone


Strawberry Shortcake


Summer Camp


Summer Sizzler


Roman Candle


Summer Snow


Sandy Beach


Tiki Torch


Sidewalk Chalk


Water Balloon

| Variety (Red = New!) | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| 4th of July | Calibrachoa Cruze Control Red | Lobelia Oceanis Blue | Petunia Good \& Plenty White | 1.266 |
| Arizona Sky | Calibrachoa Cruze Control Pure Yellow | Calibrachoa Cruze Control Red | Calibrachoa Cruze Control Yellow Delicious | 1.240 |
| Bubblicious | Petunia Good \& Plenty Flamingo | Petunia QT Cherry | Verbena Vivid Brilliant Rose | 1.266 |
| Ferris Wheel | Calibrachoa Cruze Control Pink Delicious | Petunia Good \& Plenty Nightlife | Verbena Vivid White | 1.266 |
| Firefly | Petunia Good \& Plenty Nightlife | Petunia Good \& Plenty Yellow |  | 0.977 |
| Fireworks | Bacopa Betty White | Calibrachoa Cruze Control Violet | Verbena Vivid Peach | 1.266 |
| Flaminco | Calibrachoa Cruze Control Yellow | Lobelia Oceanis Shine | Petunia QT Red | 1.266 |
| Flip Flops | Bacopa Betty White | Bidens Doubloon | Petunia Good \& Plenty Red | 1.266 |
| Fruit Swirl | Calibrachoa Cruze Control Yellow | Petunia QT Cherry | Verbena Vivid Swirl White Lavender | 1.266 |
| Grape Frost | Lobelia Oceanis Shine | Petunia Good \& Plenty Grape Ice | Petunia QT White | 1.266 |
| Honeybee | Petunia Good \& Plenty Grape Ice | Petunia Good \& Plenty Peach |  | 0.977 |
| Key West Shore | Calibrachoa Cruze Control Blue | Calibrachoa Cruze Control Red | Calibrachoa Cruze Control Violet | 1.240 |

## Mult-Ables"'



| Variety (Red = New!) | Component 1 | Component 2 | Component 3 | Price |
| :---: | :---: | :---: | :---: | :---: |
| Lazy Days | Petunia Blanket Purple | Petunia Blanket Violet | Petunia Blanket White | 1.240 |
| Malibu Sunset | Calibrachoa Cruze Control Pink Delicious | Calibrachoa Cruze Control White Delicious | Calibrachoa Cruze Control Violet | 1.240 |
| Monarch | Petunia Good \& Plenty Flamingo | Petunia Good \& Plenty Yellow |  | 0.977 |
| Monet | Calibrachoa Cruze Control Yellow | Lobelia Oceanis Pink | Petunia Good \& Plenty Pink Star | 1.266 |
| Moonshadow | Bacopa Betty Deep Blue | Calibrachoa Cruze Control Lavender | Verbena Vivid White | 1.266 |
| Mountain Meadow | Calibrachoa Cruze Control Blue | Calibrachoa Cruze Control Violet | Calibrachoa Cruze Control Yellow | 1.240 |
| Patio Paradise | Calibrachoa Cruze Control Grape Delicious | Petunia Good \& Plenty Flamingo | Salvia Cathedral Deep Blue | 1.266 |
| Patio Popper | Calibrachoa Cruze Control Yellow Delicious | Petunia QT Orange | Salvia Cathedral Deep Blue | 1.266 |
| Pinata | Calibrachoa Cruze Control Grape Delicious | Calibrachoa Cruze Control Orange | Calibrachoa Cruze Control Yellow | 1.240 |
| Roman Candle | Calibrachoa Cruze Control Yellow | Petunia Good \& Plenty White | Verbena Vivid Peach | 1.266 |
| Sandy Beach | Bidens Doubloon | Calibrachoa Cruze Control Violet | Petunia Good \& Plenty Peach | 1.266 |
| Sidewalk Chalk | Petunia Blanket Rose | Petunia Blanket White | Petunia Blanket Zinfandel | 1.240 |
| Snow Cone | Calibrachoa Cruze Control Red | Petunia Good \& Plenty White | Verbena Vivid Deep Blue | 1.266 |
| Strawberry Shortcake | Calibrachoa Cruze Control White Delicious | Lobelia Oceanis Pink | Petunia Good \& Plenty Flamingo | 1.266 |
| Summer Camp | Petunia Good \& Plenty Blue | Petunia Good \& Plenty Yellow |  | 0.977 |
| Summer Sizzler | Petunia Blanket Lemon Glow | Petunia Blanket Midnight Velvet | Petunia Blanket Rose | 1.240 |
| Summer Snow | Calibrachoa Cruze Control Dark Blue | Calibrachoa Cruze Control Orange | Lobularia Marineland White | 1.266 |
| Tiki Torch | Calibrachoa Cruze Control Yellow | Petunia Good \& Plenty Red | Verbena Vivid Peach | 1.266 |
| Water Balloon | Bidens Doubloon | Calibrachoa Cruze Control Violet | Petunia Good \& Plenty Red | 1.266 |

－Availability：Year round
－Tags：Tágs are not available through Gro＇n Sell．
－Minimum Order：Please see page 106
－Sizes： $125=1-1 / 8^{\prime \prime}$ across $\times 1-1 / 2^{\text {II }}$ deep $; 128$ cells sold as 125 －Sizes： $210=15 / 16^{\prime \prime}$ across $\times 1-1 / 2^{\text {II }}$ deep； 216 cells sold as 210 －Sizes： $375=5 / 8^{\prime \prime}$ plugs； 384 cells sold as 375

GUT FLOWERS

| Variety（Red＝New！） | Common Name and Description | Lead <br> Time in Weeks | Price |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 125 | 210 | 375 |
|  | AGERATUM Please also see Bloomin Plugs® Section，page 59 |  |  |  |  |
| Blue Horizon | 24－30＂Superb for cuts and landscape | 6 |  | 0.184 |  |
| Blue Planet F1 | 30＂Large flowers，sturdy stems，strong branching，superb for cuts and landscape | 6 |  | 0.170 |  |
| ASTER 楽 ${ }^{\text {d }}$ | ASTER |  |  |  |  |
| Balloon Mix | 24＂Huge，domed flowers，up to 6＂across，with tightly packed petals in a stunning range of bright colors on strong stems，long vase life | 6 |  | 0.165 |  |
| Crown Mix | 36－42＂Fully double mum－type blooms | 6 |  | 0.165 |  |
| CAMPANULA | BELLFLOWER |  |  |  |  |
| Champion Pro F1 Series：Deep Blue ©®，Lavender，Pink ©® | 24＂Premium quality cuttlower | 7 |  | 0.250 |  |
| CELOSIA 湿 | CELOSIA Please also see Bloomin Plugs ${ }^{\text {® }}$ Section，page 65 |  |  |  |  |
| Celway ${ }^{\text {TM }}$ Mix | 40－48＂Flowers consist of one central spiky plume surrounded by several smaller spikes，mix includes lemon，purple，red，terracotta and white | 6 |  | 0.250 |  |
| Chief Mix | 24－30＂Cutilower，crested | 6 |  | 0.168 |  |
| Kurume ${ }^{\text {TM Mix }}$ 輷 4 | 28－47＂Grand combs of vivid colors，disease resistant | 5 |  | 0.168 |  |
| Neo Series：Gold，Orange，Pink，Red，Rose | 28－40＂Less long day sensitive，crested | 6 |  | 0.270 |  |
|  | COSMOS Please also see Bloomin Plugs ${ }^{\text {® }}$ Section，page 67 |  |  |  |  |
| bipinnatus＇Apricot Lemonade ${ }^{\text {TM }}$（ © | $20-28$＂Single apricot flowers with central pink ring；first apricot cosmos | 5 |  | 0.184 |  |
| ＇Cupcakes Mix＇ | 48＂Purple，pink and white blend of single and unusual semi－double blooms are uniquely shaped like cupcake papers | 5 |  | 0.198 |  |
| ＇Lemonade ${ }^{\text {TM }}$ | 24＂Pale yellow with striking white eye，quick color，very floriferous throughout the season | 5 |  | 0.184 |  |
| DELPHINIUM 湴埧 | DELPHINIUM Please also see Big Burlys ${ }^{\text {® }}$ Section，page 36 |  |  |  |  |
| Guardian Mix | 30－39＂A tall mix of blue，lavender，and white flowers；uniform blooming within each variety | 9 |  | 0.444 |  |
| DIANTHUS 乷埧号 | PINKS，SWEET WILLIAM，CARNATION Please also see Bloomin Plugs ${ }^{\text {® }}$ Section，page $36-37$ |  |  |  |  |
| Amazon Neon Purple | 18－24＂Dark green，glossy foliage | 7 |  | 0.225 |  |
| Rose Magic | 18－24＂Bright，serrated－edge flowers | 7 |  | 0.225 |  |
| Sweet F1 Series：Deep Pink Maxine，Mix | 18－36＂Showy blooms，well－branched | 7 |  | 0.225 |  |
|  | EUCALYPTUS |  |  |  |  |
| Silverdrop | 24－36＂Small leaves，use for flower arrangements | 9 | 0.430 |  |  |
| GOMPHRENA 潕 | GLOBE AMARANTH |  |  |  |  |
| Fireworks | 48＂Long－lasting，intense hot pink flowers tipped with bright yellow | 7 |  | 0.380 |  |
| Ois Series：Carmine © $®$ ，Mix，Orange，Red | 30＂Selected for cut flowers | 7 |  | 0.189 |  |
|  | HELICHRYSUM Please also see Bloomin Plugs ${ }^{\text {® }}$ Section，page 71 |  |  |  |  |
| Monstrosum Bracteatum Mix | 36－48＂Strawflower，excellent cut | 6 |  | 0.184 |  |


| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | Price |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 125 | 210 | 375 |
| LARKSPUR 㴆 | LARKSPUR |  |  |  |  |
| Cannes Mix | 50－60＂Early flowering，disease tolerant，high yields | 6 |  | 0.220 |  |
| Qis Mix | Good cut and dried，uniform | 6 |  | 0.168 |  |
|  | LISIANTHUS |  |  |  |  |
| ABC Series： 1 Deep Rose， 1 Green， 1 Purple， 1 White， 2 Blue， 2 Blue Blush， 2 Blue Rim， 2 Purple， 2 Rose， 2 Yellow， 3 Rose， 3 White | 36－45＂Double－flowered with high petal counts | 12 | 0.429 | 0.262 |  |
| Echo Series：Blue，Lavender，Mix，Pink，Pink Picotee，Pure White | 30＂ $100 \%$ all double large flowers；for cut flower production，bloom group 1，strong stems，spray type | 12 | 0.410 | 0.250 |  |
| Excalibur Series：Blue Picotee，Green，Rose Pink | 30＂Strong stem quality，can take higher temperatures than some others，bloom group 2 standard double flowers | 12 | 0.470 | 0.325 |  |
| Magic ${ }^{\text {TM }}$ F1 Champagne | 28－35＂Large double light orange／pink／yellow flowers；mid－early series，unique color | 12 | 0.429 | 0.262 |  |
| Mariachi ${ }^{\oplus}$ Series：Blue，Carmine，Lavender，Lime Green，Misty Blue，Misty Pink， Mix，Pink，Pink Picotee，Pure White，Yellow | 30＂Quaduple flower，elegant cut，bloom group 2 | 12 | 0.429 | 0.262 |  |
| Mariachi® Grande White | 30＂Quaduple flower，elegant cut，bloom group 3 | 12 | 0.429 | 0.262 |  |
| Rosanne ${ }^{\text {1 }}$ Series：Black Pearl，Brown，Green | 36－48＂Thick flower petals and top flowering，unique colors and color patterss，excellent vase life with more usuable buds．Bloom－Group 1 standard double flowers | 12 | 0.479 | 0.336 |  |
| Rosanne ${ }^{\text {2 }}$ Deep Brown | 36－48＂Bloom－Group 2，standard double，trendy lavender－brown | 12 | 0.479 | 0.336 |  |
| MOLUCCELLA \＃ | BELLS OF IRELAND |  |  |  |  |
| laevis＇Bells of Ireland＇ | 30＂Green bell－shaped bracts turn straw－colored when dried，closely set stems | 6 |  | 0.190 |  |
|  | SNAPDRAGON Please also see Bloomin Plugs ${ }^{\oplus}$ Section，page 82 |  |  |  |  |
| Madame Butterfly Mix（A） | 24－36＂Azalea type，double petals create full，fluffy blooms with a Victorian look | 6 |  | 0.198 |  |
| Rocket Series：Cherry，Lemon，Pink，Red（A），Rose Shades（A），White（A） | 30－36＂For garden or cutting | 6 |  | 0.175 |  |
| Rocket Mix | A mixture of colors from the Rocket Series | 6 |  | 0.175 | 0.104 |
| SNAPDRAGON－FORCING 乷溸則 | SNAPDRAGON－FORCING |  |  |  |  |
| Cool Orange | 39－60＂Group 1 \＆ 2 Very attractive neon orange color，tall，very uniform；fragrant；excellent choice | 6 |  | 0.198 | 0.120 |
| Maryland Series：Appleblossom，Bright Yellow，Dark Orange Imp．，Flamingo， Lavender，Red，True Pink，White | Group 1 \＆ 2 Well－suited to cool season，low light，low temperature conditions，energy efficient | 6 |  | 0.198 | 0.120 |
| Potomac Series：Appleblossom，Ivory White，Lavender，Orange，Pink，Red，Rose，Royal （Purple），Yellow | Group 3 \＆ 4 Ideal for production during periods of high light，long days and warm temperatures | 6 |  | 0.198 | 0.120 |
| STATICE 乷 | STATICE，SEA LAVENDER |  |  |  |  |
| Seeker Mix | 24＂Strong stems，replacement for Fortress Mix | 6 |  | 0.168 |  |
| Qis Series：Lavender，Mix，Pale Blue，White，Yellow | 30＂High quality blooms | 6 |  | 0.168 |  |
| TITHONIA 乷䙳（ ） | MEXICAN SUNFLOWER |  |  |  |  |
| Fiesta del Sol（A） | 24－36＂Single，orange 2－3＂daisy flowers are excellent for cuts，first dwarf variety，deer－proof，re－release of an old favorite！ | 6 | 0.340 |  |  |
| Red Torch | 3－5＇Orange－salmon colors back of the border，tall sturdy，huge vividly colored flowers | 6 | 0.315 |  |  |
|  | THROAT FLOWER |  |  |  |  |
| Lake Michigan Mix | 36 ＂Cut flower mix of blue，purple，violet，white \＆wine lightly scented，light and lacy flowers | 10 | 0.425 |  |  |
|  | VERVAIN |  |  |  |  |
| bonairiensis＇Finesse＇ | 36－48＂Abundance of magenta－purple blooms cover tall plants， | 7 | 0.400 | 0.260 |  |
|  | ZINNIA Please also see Bloomin Plugs ${ }^{\text {® }}$ Section，page 84 |  |  |  |  |
| elegans：Benary Giant Mix | 36－48＂Fully double 4－5＂flowers，excellent yield per plant，does not include Lime | 5 |  | 0.189 |  |
| Oklahoma Mix | 30－40＂Double，semi－double．1－1／2＂blooms | 5 |  | 0.175 |  |

## Pot－Ables＂＇

1.52 in．across $\times 2.25$ in．deep cell

## 72 CELLS NOW SOLD AS 72

－Availability：11／5／18 thru 5／17／19（wk 45 －wk 20） Please contact us for other dates
－Use for baskets，combination containers，4，6，or 8 in．pots
－ALL Royalties are included in prices
－Minimum order： 72 per variety，shipped 2 trays to a box
－Tags：Where available，tags will be shipped from MasterTag and will arrive around the time of your plants and are billed at $\$ 0.06$ each；price INCLUDES tag freight．


Thunbergia Orange Diverse


Thunbergia New Orange


Thunbergia Pink Beauty

| Variety（Red＝New！） | Common Name and Description | Lead <br> Time in Weeks | Price | Tag |
| :---: | :---: | :---: | :---: | :---: |
| ABUTILON楽涪 | INDIAN MALLOW，VELVET LEAF |  |  |  |
| Lucky Lantern＂＇Series：Red， Tangerine，Yellow | 12＂Compact dwarf series，rounded habit，downward faced bell－shaped flowers，full season blooming | 7 | 0.915 | 0.06 |
| Patio Lantern＇Passion | 12＂Lovely watermelon pink，bell－shaped flowers face downward and outward；large blooms on strong stems，compact，tight，rounded habit， quickly grows to 14 ＂wide | 7 | 0.915 | 0.06 |
| IPOMOEA 楽 嘘会 | SWEET POTATO VINE |  |  |  |
| Ace of Spades | 12＂Deep red／black spade shaped foliage | 6 | 0.665 | 0.06 |
| Blackie | 12＂Deep red／black foliage，trailing | 6 | 0.665 | 0.06 |
| Bright Ideas Series： Black，Lime | 12－14＂Compact，cut maple leaf shaped leaves， grow pot tight or use in mixed containers | 6 | 0.720 | 0.06 |
| Bright Ideas Cordate Series： Lime，Rusty | 12－14＂Compact，heart shaped leaves，grow pot tight or use in mixed containers | 6 | 0.720 | 0.06 |
| Marguarite | 12＂Bright yellow／gold foliage，trailing | 6 | 0.665 | 0.06 |
| Sidekick ${ }^{\text {＂}}$ Series：Black Heart， Lime Imp． | 12－14＂Semi－compact，bushy habit is grower friendly，ideal for 4＂pots | 6 | 0.755 | 0.06 |
| Tricolor | 12＂Red，green \＆white var．foliage | 6 | 0.665 | 0.06 |
|  | WANDERING JEW |  |  |  |
| pallida＇Purple Heart＇ | 6－8＂Deep purple foliage，soft pink flower | 8 | 0.690 | 0.06 |
|  | PERSIAN SHIELD |  |  |  |
| dyieranus＇Persian Shield＇ | 12－36＂Purple－pink and green metallic foliage | 8 | 0.715 | 0.06 |


| Variety（Red＝New！） | Common Name and Description | Lead <br> Time in Weeks | Price | Tag |
| :---: | :---: | :---: | :---: | :---: |
|  | THUNBERGIA VINE |  |  |  |
| African Sunset | Cream－to－dark red with dark eye | 7 | 0.690 | 0.06 |
| Lemon Star | Yellow with dark eye | 7 | 0.690 | 0.06 |
| Orange | Orange with dark eye | 7 | 0.690 | 0.06 |
| Orange Beauty | Dark orange with dark eye and red stems | 7 | 0.690 | 0.06 |
| Orange Diverse | Orange with dark reddish diverse marks，dark eye | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\otimes}$ Brownie | Chocolate brown－red | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\text {® }}$ Dark Red （formerly Arizona Dark Red） | Red with dark eye | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\circledR}$ Glow （formerly Arizona Glow） | Orange－red with dark center | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\text {® }}$ Lemon Sunrise （formerly Arizona Lemon Sunrise） | Pale yellow with white lined edges，brown center | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\text {® }}$ New Orange | Orange，dark center | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\circledR}$ Pink Beauty （formerly Arizona Pink Beauty） | Soft Pink with dark eye | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\oplus}$ Red Orange （formerly Arizona Red Orange） | Dark orange－red with dark fading lines and dark center | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\circledR}$ Rose Sensation （formerly Arizona Rose Sensation） | Dark pink with dark center | 7 | 0.730 | 0.06 |
| Sunny Susy ${ }^{\circledR}$ White Halo （formerly Arizona White Halo） | Ivory white with dark center，large flowers | 7 | 0.730 | 0.06 |

## D0F～ 1 B E ES

## ANNUALS

1.75 in．across x 1.50 in．deep cell Tuberous Begonias

## 50 cells sold as 50

## GOLDEN STATE BULB GROWERS

－Superior value and plant performance with strong stems，great blooms，disease resistance and beautiful color combinations
－True double flowers with up to 10 rows of petals reaching 5 to 7 in．across
－Fewer liners needed to fill containers due to twice as many flower stalks per plant
－Grown in large octagonal 50 cell tray（ $1-3 / 4$ in．across $\times 1-5 / 8$ in．deep cell）
－HID lighting and long days for bud initiation and compact growth
－PGR applications made per northern grower rates
－Transplant liners with the leaf tips pointing away from the center of the pot to orient blooms correctly
－Use 1 liner per 6－8 in．pot，2－3 liners per 10－12 in．container
－Tags will be shipped with plants－requests for no tags must be made at time of ordering．
－Finish Time：6－8 weeks after transplant
－NOTE：Availability will be subject to seed harvest．
－Ship dates：Wks 7，9，11，13， 15 \＆ 17
15 week lead time needed！


Begonia OnTop Melon Lace


Begonia Picotee Apricot Scarlet


Begonia Ruffles Orange


Begonia OnTop Pink Halo


Begonia Picotee Calypso


Begonia Ruffles Pink


Begonia OnTop Sun Glow


Begonia Picotee Flamenco


Begonia Ruffles Red

Begonia Picotee White／Red
Begonia OnTop Sunset Shades


Begonia Ruffles Yellow

| Variety（Red＝New！） | Common Name and Description | Plug Age in Weeks | Price | Tag |
| :---: | :---: | :---: | :---: | :---: |
|  | TUBEROUS BEGONIA |  |  |  |
| AmeriHybrid ${ }^{\text {® }}$ OnTop ${ }^{\text {® }}$ Series：Melon Lace，Pink Halo，Sun Glow，Sunset Shades | Best container picotee begonia available，quick to bloom，well－branched，floriferous，unique mounding habit | 14 | 0.900 | 0.100 |
| AmeriHybrid ${ }^{\oplus}$ Picotee Series：Apricot Lace（formerly Apricot／Scarlet），Calypso（semi－ruffled dou－ ble，creamy yellow，orange apricot edges），Flamenco（white flowers speckled and edged in red）， Red Lace（formerly White／Red）－（ruffled white blooms outlined in red） | 12－30＂Especially large blooms，4－8＂diameter！Showy and versatile，can be planted indoors or out | 14 | 0.900 | 0.100 |
| AmeriHybrid ${ }^{\text {® }}$ Ruffles Series：Orange，Pink，Scarlet（formerly Red），Yellow | Extremely large blooms，5－9＂diameter！Showy，double flowered varieties with ruffled petal edges and forest green leaves | 14 | 0.900 | 0.100 |

SYMBOL GUIDE

| 湴 Sun | \＆Cut Flower | ｜ | Borders | － | Hanging Baskets | 12 | Vegetatively Propagated | 4 | Heat Tolerant |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| －Part Shade | ＊Cool Crops | 箸 | Combination Planters | （4） | AAS Winner |  | Attracts Butterflies \＆Hummingbirds |  |  |
| －Shade | 量 Pots | \＃ | Tolerates Dry Conditions | © | Fleuroselect |  | Ground Cover |  |  |

## Pot－Ables＇${ }^{\prime \prime}$

## VEGETATIVE ANNUALS

1.75 in．across $\times 1.50$ in．deep cell

## Begonias ：ix를 50 cells sold as 50

－Royalties：All royalties are included in price
－Tags：Tags will be shipped from MasterTag and will arrive around the time of your plants －requests for no tags must be
made at time of ordering Tag cost includes tag freight
－Availability：11／5／18 thru 5／17／19．（wk 45 －wk 20） Please contact us for other dates
－Minimum Order： 50 per variety；shipped 2 trays to a box


Begonia
I＇Conia Portofino Sunrise


Begonia I＇Conia Portofino Yellow


Begonia RiseUp Grenadine Red


Begonia
Solenia Apricot


Begonia Solenia Red Orange

| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | Price | Tag |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| boliviensis＇Belleconia＇Series： | 8－10＂Large double flowers，tight，semi－trailing habit，great for baskets | 9 | 1.150 | 0.06 |
| ＇Shine Bright ${ }^{\text {＂w＇＇}}$ Series：桬会（＇Amore Red＇，＇Red＇，＇White＇ | Well－branched，unbeatable flower power，thrive in hot and humid summer climates；＇Amore Red＇has unique upright habit | 9 | 1.150 | 0.06 |
| ＇Summerwings ${ }^{\text {m＂M }}$ Dark Elegance＇ | 8－10＂Very showy red flowers，rich bronze foliage，semi－trailing habit，great for baskets and containers，no deadheading required | 9 | 1.160 | 0.06 |
|  | Well－branching trailing plant，flowers all summer long，good for semi－shade or sun | 9 | 1.190 | 0.06 |
| eliator＇Carmen Red＇沮量 | 10－12＂Striking red double flowers，very dark contrasting leaves，mid－sized，great for indoor use | 9 | 1.265 | 0.06 |
| ＇Chloe Coral Pink＇桬量 | 8－10＂Light Pink double flowers cover the dark，pointed foliage | 9 | 1.265 | 0.06 |
| ＇Evi Bright Pink 桬•堂 | 10－12＂Large，single flowers，ideal for 6＂pots，upright，mid－season bloomer，indoor and outdoor use | 9 | 1.265 | 0.06 |
| ＇Frivola Pink＇乷量 | 10－12＂Double deep pink flowers，semi－trailing habit，early | 9 | 1.265 | 0.06 |
| ＇Solenia＇Series：淇黄＇Apricot＇，＇Cherry＇，＇Chocolate Orange＇，Dark Pink＇，（＇Dusty Rose＇， ＇Light Pink＇，＇Light Yellow＇，＇Orange＇＇Red Improved＇，＇Red Orange＇，＇Salmon Coral＇，＇Yellow＇ | High－light，full sun Begonia，self－cleaning and continuous flowers，vigorous habit，mildew tolerant | 9 | 1.190 | 0.06 |
| ＇Vermillion Red＇乷－童 | 10－12＂Double flowers，semi－trailing habit，early | 9 | 1.265 | 0.06 |
| hybrid＇RiseUp＇m Series：鼠酉 Aloha Gold，Bull＇s Eye（red／yellow center－single），Coral Reef， Flamingo＇s Dream（pink／yellow），Grenadine Red，Hot \＆Spicy（red／yellow center－single），Salmon Chiffon，Sansibel Peach，Sunkissed Yellow | Excellent branching，abundance of medium－sized flowers that stay upright－facing in the garden for maximum color impact．Singles and doubles in a wide variety of vibrant colors make up this exciting new collection | 9 | 1.150 | 0.06 |
|  | 12－16＂Huge，bright pink flowers，upright habit makes for easy shipping | 9 | 1.160 | 0.06 |
|  | 12－16＂Clear lemon and peach blooms on dark blue－green，narrow，pointed leaves | 9 | 1.160 | 0.06 |
| I＇Conia ${ }^{\text {TMM }}$ Miss Malibu 乷童 | 12－16＂Huge red－orange flowers，large，dark leaves，striking effect，glamorous at retail | 9 | 1.160 | 0.06 |
| I＇Conia ${ }^{\text {TMM }}$ Miss Montreal 乷量 | 12－16＂Massive cream blooms edged with coral pink，upright habit | 9 | 1.160 | 0.06 |
|  | 12－16＂Large flower size；strong，natural branching，no pinching required | 9 | 1.160 | 0.06 |
| I＇Conia ${ }^{\text {Tm／}}$ Red（formerly Unbelieveable Red）乷意 | 12－16＂Giant red，semi－double flowers；large，dark and pointy leaves | 9 | 1.160 | 0.06 |
| I＇Conia $^{\text {™ }}$ Tweetie Pie 2019 （formerly Unbelieveable Tweetie Pie）㴆量 | 12－16＂Large double yellow flowers，broad dark green leaves | 9 | 1.160 | 0.06 |
| I＇Conia ${ }^{\text {Tw }}$ Upright Series：Fire，Salmon，White 乷量 | 12－16＂Single flowers，dark foliage；upright habit makes for easy high density production and shipping | 9 | 1.160 | 0.06 |

## 

## SEED ANnuals

1.5 in．across x $2.25^{\prime \prime}$ in．deep cell

## 

## 72 cells sold as 70

－HDD lighting and long days for bud initiation and compact growth
－Grown in large 72 cell tray （ $1-1 / 2 \times 2-\frac{1}{4} /$ in．cells）
－PGR applications made per northern grower rates
－Total age： 13 week liner， primed for faster turns
－Finished container／pot in bloom：5－7 weeks
－ 72 tray sold as 70 count
－ 15 week lead time for ordering
－Tags not available through Gro＇n Sell
－Ship dates：
Wks 7，9，11，13， 15 and 17


Begonia
Nonstop Joy Mocca White

| Variety（Red＝New！） | Common Name and Description | Price |
| :---: | :---: | :---: |
|  | BEGONIA |  |
| boliviensis F1＇Sun Cities Santa Cruz＇乷•隌 | 12－16＂Bell－shaped flowers，competitive alternative to cuttings，easy to grow，low maintenance | 0.790 |
| tuberhybrida F1 ‘Illumination’® Series Apricot Shades，Golden Picotee，Lemon， Orange，Salmon Pink，Scarlet，White | Provides a full mounded habit prior to trailing，fully double flowers at each leaf node create a waterfall of color | 0.675 |
| F1＇Nonstop＇${ }^{\oplus}$ Series： Appleblossom，Deep Rose Imp．，Deep Salmon，Mix，Orange，Pink，Red，Rose Petticoat，White Imp．，Yellow，Yellow w／ Red Back | 8＂Fully double 3－4＂flowers，early lateral branching，green leaves | 0.615 |
| F1＇Nonstop＇${ }^{\text {® }}$ Joy Yellow | 8－10＂Huge，double，vibrant yellow flowers，unique semi－trailing habit，good branching | 0.675 |
| F1＇Nonstop ${ }^{\text {® }}$ Mocca <br> Series：Bright Orange，Deep Orange， <br> Pink Shades，Scarlet，White Imp．，Yellow | 8＂Fully double flowers，early，uniform，chocolate leaves，full rounded plant habit with no＂bald spots＂ | 0.615 |
| ```Joy White' F1 'Nonstop® Mocca``` | 8－10＂Huge，double white flowers，chocolate leaves，unique semi－trailing habit，good branching | 0.675 |
| X．hybrida F1＇Funky ${ }^{\text {™ }}$＇Pink $\bullet$ | 8－12＂Large，attractive double flowers，fun consumer－friendly name，outstanding show in baskets and containers | 0.790 |

1.5 in．across x 2.25 ＂in．deep cell

## Wave Petunias 澲音照些会 <br> 72 cells sold as 70

－HDD lighting and long days for bud initiation
－Grown in large 72 cell tray（ $1-1 / 2 \times 2-1 / 4 / 4$ in．cells
－ 11 week lead time for ordering
－PGR applications made per northern grower rates
－Total age： 9 week liner，primed for fast turns at warm or cool temperatures in the outdoors，cold frame or minimum heat structures

PETUNIAS
－Finish warm in $3-4$ weeks ADT（Average Daily Temperature）$=60$ to $65^{\circ}$ F；finish cool in $4-6$ weeks ADT $=50$ to $55^{\circ} \mathrm{F}$
－ 72 tray sold as 70 count
－Tags not available through Gro＇n Sell
－Ship dates：Wks 7，9，11，13， 15 and 17

| Variety（Red＝New！） | Common Name and Description | Price |
| :---: | :---: | :---: |
|  | PETUNIA |  |
| Easy Wave ${ }^{\text {Tw }}$ Series：Berry Velour，Blue， Burgundy Star，Burgundy Velour，Neon Rose，Red Imp．，Red Velour © $®$ ，Violet Imp．，White | Exceptional uniformity and well－matched habit plus widest color range make Easy Wave the most versatile of all large－flowered spreading petunias，more mounded and controlled than Wave，continuous，care－free color | 0.610 |
| Wave ${ }^{\text {TM }}$ Series：Lavender © © © Misty Lilac，Pink，Purple，Rose | Spreading，superb ground cover habit | 0.610 |



Petunia
Easy Wave Violet Improved

Please see Bloomin Plugs：page 61 for more sizes of these Begonias page 78， 80 for more Wave Petunias

## Pot-Ables"

2-5/8 in. square x 3-1/2 in. deep cell

## florist

## Gerbera Patio Collection Sampler Garvinea Sweet Collection Sampler <br> 32 pots sold as 32,2 trays per collection Price: $\mathbf{\$ 2 0 4 . 8 0}$ per Collection

- Ship dates: Starting 2/11/19 (Wk 7) thru 3/22/19 (Wk 12)
- Minimum: 2 Trays of 32 Burly pots each. Each tray contains 8 pots of 4 varieties.
You receive 64 plants;
8 pots each of 8 different varieties
- Big Burly sized plants mean a faster finishing time: 7-10 weeks (normally $12-18$ weeks)
- Our unique growing process performs better and finishes faster
- Plant one Patio liner in an 8, 10, or 12 in. pot; plant two liners in a 14 in. pot
- Plant one Garvinea liner in an 8 , or 10 in . pot; plant two liners to a 12 in. pot, and three liners in a 14 in. pot
- Continually flowers with 3-7 huge long-lasting blooms (Patio) and 8-15+ blooms (Garvinea) through heat of summer
- Quick turn around, can be ready in time for Mother's Day and peak Spring sales

- Ideal Culture: Average temperature $68-70^{\circ} \mathrm{F}$, pH $5.5-5.8$, heaw feed high light levels, and keep on the dry side. Remove first flower so more energy goes into building the plant
- Royalty, tag and tag freight are included in price


Gerbera Patio Bighorn ${ }^{\text {® }}$


Gerbera Patio Karoo ${ }^{\text {® }}$


Gerbera Garvinea Sweet Caroline ${ }^{\circledR}$


Gerbera Garvinea Sweet Memories ${ }^{\circledR}$


Gerbera Patio Capitol Reef ${ }^{\oplus}$


Gerbera Patio Kruger ${ }^{\text {® }}$


Gerbera Garvinea Sweet Fiesta


Gerbera Garvinea Sweet Smile ${ }^{\circledR}$


Gerbera Patio Fundy ${ }^{\text {® }}$


Gerbera Patio Sedona® ${ }^{\circledR}$


Gerbera Garvinea Sweet Glow ${ }^{\circledR}$


Gerbera Garvinea Sweet Spice ${ }^{\circledR}$


Gerbera Patio
Glacier®


Gerbera Patio Volcanoes ${ }^{\circledR} / \mathrm{mp}$.


Gerbera Garvinea Sweet Love ${ }^{\circledR}$


Gerbera Garvinea Sweet Sunset®

## Рот-Аbles"'

## vegetative annuals

1.75 in. across $\times 1.75$ in. deep cell
syngentaflowers


## SunPatiens ${ }^{\circledR}$



## 50 cells sold as 50

## Price: $\$ 0.82$

Availability: 11/5/18 thru 5/17/19 (wk 45 - wk 20)
Please contact us for other dates

- Revolutionary hybrid bred by Sakata
- Robust, sun-loving, heat-loving, thrive in full sun or part shade
- Uses: Baskets, window boxes, patio pots or in the landscape
- Massive flower power, tough, low-maintenance plants that flourish almost anywhere
- Royalties are included in prices
- Compact Series: Blush Pink, Coral Pink, Deep Rose, Electric Orange, Fire Red, Hot Coral, Lilac, Neon Pink, Orange, Orchid, Pink, Pink Candy, Purple, Red, Royal Magenta, Tropical Rose (VL), White Imp.
- Vigorous Series: Clear Orange, Clear White, Corona, Lavender, Orchid, Pink Kiss, Red, Rose Pink, Shell Pink, Tropical Orange, Tropical Salmon, Tropical White
- Tags Required: Tags are required and will be shipped from MasterTag and will arrive around the time of your plants. Tag cost = \$0.0875, includes tag freight.
- Minimum Order: 50 per variety; shipped 2 trays to a box

SCHEDULING

| Container size | Crop time after <br> transplant (wks) <br> @ $68{ }^{\circ}{ }^{\circ}$ ADT* | Plants <br> Per Pot |
| :--- | :---: | :---: |
| 2.5- to 3-quart pots <br> (6- to 8-inch pots, trade gallon) | $7-8$ | $1-2$ |
| 1.5- to 2.5-gallon pots <br> (10- to 12-inch pots) | $7-8$ | $2-3$ |
| 3.0-gallon and larger <br> (14-inch pots and larger) | $8-9$ | $3-4$ |




SunPatiens ${ }^{\circledR}$
Compact Pink Candy


SunPatiens
Vigorous Orchid


SunPatiens ${ }^{\circledR}$ Vigorous Red


SunPatiens ${ }^{\circledR}$ Vigorous Rose Pink


SEED PERENNIALS AND ANNUALS
$1-1 / 8$ in. across $\times 2$ in. deep plug

## Anemone Pandora ${ }^{\circledR}$ Series

## 128 cells sold as 125

Single Price: \$0.505
Double Price: $\$ 0.540$
Availability: 11/19/18 (Wk 47) thru 1/25/19 (Wk 4) Lead Time: 20 weeks
Please contact us for other dates

- Tags: Are required, ship automatically with orders and are billed at $\$ 0.10$ each; price INCLUDES tag freight.
- North American Gro 'n Sell Exclusive
- 5-10 in. Unique single and the only double flowering series of anemones with plenty of beautiful 2 in. blooms on compact plants
- Perfect holiday pot plants for Valentine's Day, Easter, and Mother's Day
- Uses: Plant 1 plug per 4-1/2 in. pot or $1-2$ per 6 in. or 1 gallon pot
- Create additional bedding sales - Anemone Pandora can be transplanted into a protected garden setting
- Suitable for zones 5-9
- Combine with Pansies, Dianthus, Bellis, Ranunculus and other cool weather favorites
- Culture: Ideal soil should be peat mixed with perlite for good drainage. After transplanting establish at 60-68${ }^{\circ}$ for $7-14$ days before finishing cold. Crops can be grown cool/cold: $33-45^{\circ} \mathrm{F}$ night and approximately $45-55^{\circ} \mathrm{F}$ day temperatures. Keep plants on dry side in early stages to create new roots. Use a balanced calcium based nitrate every 10-14 days after new roots emerge to promote plant growth.
- Short days bulk plant and long days promote flowers


Pandora Red


Pandora Double Red


## Canna x generalis 齔跑 50 cells sold as 50

Price: \$1.100
SEED ANNUALS
1.75 in. across $\times 1.50$ in. deep cell

- Cannova F1 Series: Bronze Orange, Bronze Scarlet, Lemon, Mango, Orange Shades, Red Flame, Red Shades, Rose, Yellow
- South Pacific Series F1 Orange (A) Scarlet (A)
- Tropical ${ }^{T \mathrm{M}}$ Series: Bronze Scarlet, Red, Rose © , Salmon, White, Yellow
- Culture: Prune off spent flower stalks to encourage new blooms. Does best in warm, humid conditions, sunny locations; pH 6.2-7.0
- Excellent for water gardens, borders, containers or 6 in. to 1 gallon pots
- Dwarf seed-propagated varieties; grow to a height of 2-3 ft.
- Liners are 9 weeks old (+63 days), lit and ready to go
- Single flower clusters on terminal spikes; well branched
- Finish timing: Approximately 7-9 weeks
- Tags: Not available through Gro 'n Sell
- Minimum Order: 50 per variety; shipped 1 tray to a box


Cannova Lemon


Cannova Red Flame


South Pacific Orange

Ship Dates: Weeks 10, 13, 16 Lead time = 12 weeks

- Finish Time: Approximately 10-20 weeks after transplant pending growing temperatures
- Pandora Single Series: Blue, Fuchsia, Red, White
- Pandora Double Series: Blue, Fuchsia, Red, White


## Wide variety \& bright colours

invite bees, butterflies and other friendly pollinator into the garden

- Flowers abundantly from early spring until the first frost
- High resistance to pests and diseases



## Flori Line ${ }^{\oplus}$ Select Mix

The benefits of the Select Mix

- High uniformity in timing and plant size
- High-density crops all year round
- Fully programmable
- Strong, non-stretching flower stems

Flori Line ${ }^{\oplus}$ Select Mix is available in Midi and Maxi plant size


## Conquer your lavender sales

## BIUE SPEAR

## Stand out from the crowd

NEW Blue Spear English lavender shows off bigger, taller spikes than any other seed lavender. More upright flower stems stand closer to each other for dense masses of color. With an army of stems on each plant and hardy in zones 6 to 8, these big, blue spears command attention in the store and in the garden year after year!

Get the lavender that stands tall above the rest. Order Blue Spear plugs from Gro ' n Sell today. panamseed.com



Red
PINK


## Dreams



Notes
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## Ble Buzity

PERENNIALS


Agastache Poquito Orange


Corydalis Porcelain Blue


Echinacea Double Scoop Mandarin


Aquilegia Kirigami Mix


Delphinium
Delphina Rose White Bee


Echinacea Kismet Yellow


Aubretia Axcent Antique Rose


Dianthus Flow Apella Beach


Echinacea Prima Ginger


Coreopsis Golden Stardust


Echinacea Cara Mia Yellow


Echinacea Sombrero Adobe Orange


Coreopsis Super Star


Echinacea Double Scoop Cranberry


Echinacea Sombrero Sangrita


Gaura Little Janie


Leucanthemum
Sweet Daisy Birdy


Phlox Glamour Girl


Heuchera Carnival Watermelon


Lewisia Elise White


Platycodon Pop Star Blue


Heuchera Grande Purple


Penstemon Rock Candy Blue



Heucherella Onyx


Penstemon Rock Candy Ruby


Tanacetum Radiant Deep Pink


Iberis Snowsation


Phlox Flame Red


Tanacetum Radiant Light Pink

PERENNIALS


## Big Burly ${ }^{\text {® }}$ <br> 32 cells per flat

Our biggest perennial for fast turns of full, high quality, blooming perennials. Big Burly perennials are ready to sell in just $3-8$ weeks. Vernalized plants, shipped from early January on, are ready to burst into growth with earlier, more reliable flowering. Plants may be dormant when shipped; the stage of dormancy depends on ship date and variety.

- Size: 2.22 in. taper x 4 in. deep cells 32 cells per flat
- Uses: Grow in 1 or 2 gallon containers. Our tapered cells speed transplanting - no cumbersome bare roots to fit into pots
- Availability: Available 1.7.19 thru 4.19.19 (Wks 2 - 16) except where noted
- Early Shipping: Please contact your broker for availability
- Minimum Order: 1 flat (32 plants) per variety, 6 flats per ship date
- Tags: Large size picture tags are included for each cell. Tags will be shipped to you directly from MasterTag and may arrive $1-2$ weeks prior to your plants. They will be billed at $\$ 0.12$ per tag ( $\$ 3.84$ per flat). Tag freight is included in tag price.


## Junior 72

## 72 cells sold as 70

A slightly smaller cell size means more perennials per box!

- Size: 1.56 in. x 3 in. deep cell
- Uses: Grow in pints, quarts and gallons, or use multiple plants in even larger containers
- Minimum Order: 1 flat (72 plants) per variety, 6 flats per ship date
- Tags: Large size picture tags are included for each plant. Tags will be shipped to you directly from MasterTag and may arrive 1-2 weeks prior to your plants. They will be billed at $\$ 0.12$ per tag ( $\$ 8.40$ per flat). Tag freight is included in tag price.

June - December: Same great root systems for summer and fall sales. Or plant for the next spring season and save. Lead times for summer production are from 8-16 weeks so plan ahead! Please note for Summer 2019 orders, 72 prices shaded in green $\square$ require 40 weeks lead time.

- Availability: 6.4.18 thru 12.22.18 (Wks 23-51)

January - June: Plants with strong root systems produce a new flush of growth and finish for early spring sales

- Availability: 1.7.19 thru 4.19.19 (Wks 2-16) except where noted


## Baby 125

## 128 cells sold as 125

All the advantages of our larger perennials - seed and vegetative varieties - in an ample 1-1/8 in plug!

- Size: 1-1/8 in. across x 2 in. deep cell
- Uses: Grow in 4", pints, quarts and gallons, or use multiple plants in even larger containers
- Minimum Order: 1 flat per variety, 3 flats per ship date. Please order in multiples of 3 trays
- Tags: Tags are not available through Gro 'n Sell

June - December: Same great root systems in 128 deep cells for summer and fall sales. Or plant for the next spring season and save. Lead times for summer production are from 7-14 weeks so plan ahead!

- Availability: 6.4.18 thru 12.22.18 (Wks 23-51)

All royalties are listed separately; please note royalties in red have changed or are new since last year.

| 2018-2019 Big Burly ${ }^{\otimes}$ Discount Schedule Discount calculation period is 1.7.19 thru 5.31.19 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \# Trays | Standard Genetics Volume Discount \% | Terra Nova Genetics Volume Discount \% | *Early Order Discount \% | \# Trays | Standard Genetics Volume Discount \% | Terra Nova Genetics Volume Discount \% | *Early Order Discount \% |
| 0-249 | 0\% | 0\% | 5\% | 2,000-2,999 | 14\% | 7\% | 5\% |
| 250-599 | 2\% | 1\% | 5\% | 3,000-3,999 | 17\% | 8.5\% | 5\% |
| 600-999 | 5\% | 2.5\% | 5\% | 4,000+ | 20\% | 10\% | 5\% |
| 1,000-1,999 | 9\% | 4.5\% | 5\% |  |  |  |  |
| * Early Order Discount on all orders shipping 1.7.19 thru 5.31.19, and received in our office by 8.10.18. |  |  |  |  |  |  |  |

＝Item is from Terra Nova and has a different discount schedule．Please see chart．$\quad$＝Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety（Red＝New！） | HardyZone | Common Name and Description | Big Burly Price |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped 1／7／19 to 0 4／19／19are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | YARROW |  |  |  |  |  |
| e filipendulina＇Coronation Gold＇ | 3－9 | 30－36＂Deep yellow flowers，strong stems，dries well | 0.612 | 0.396 | 1.332 |  |  |
| ce hybrid＇Moon Dust＇PP25838 嘘 | 5－8 | 12－14＂Soft yellow flower，silver green foliage，compact，great in combos | 0.645 | 0.453 |  |  | 0.180 |
| millefolium＇Appleblossom＇ | 3－9 | 24－36＂Peach to lilac pink，durable | 0.612 | 0.396 | 1.332 |  |  |
| ＇Desert Eve＇＂M Series： ＇Deep Rose＇，＇Red Imp．＇，＇Terra Cotta＇，＇Yellow＇ | 4－9 | 10－12＂Compact，early to flower，large flower clusters，remove faded flowers regularly to promote continued blooming，may be trimmed back hard after first flush to maintain habit | 0.669 | 0.478 |  |  |  |
| ＇New Vintage ${ }^{\text {T＂w }}$ Series： ＇Red＇PP25618，＇Violet＇PP25750 | 4－9 | 12－14＂Bold hues that retain their color，attractive container plant | 0.612 | 0.396 | 1.332 |  | 0.080 |
| ＇New Vintage＇${ }^{\text {tw }}$ Series：  <br>  Rose，PP25712，＇White＇PP25711 | 4－9 | 12－14＂Bold hues that retain their color，attractive container plant | 0.612 | 0.396 |  |  | 0.080 |
| ee＇Paprika＇ | 3－9 | 24＂Bright red with yellow centers | 0.612 | 0.396 | 1.332 |  |  |
| （a）＇Red Velvet＇ | 3－9 | 24－36＂Long－blooming flowers，excellent red，deep green finely cut foliage | 0.612 | 0.396 |  |  |  |
| ＇Summer Berries＇ | 3－9 | 24－28＂Deep colors－reds，cerise and pinks | 0.503 | 0.295 |  | 0.639 |  |
| ＇Summer Pastels＇ | 3－9 | 24＂Pastel mix of seven colors | 0.503 | 0.295 | 1.210 | 0.639 |  |
| ADENOPHORA | 4－7 | LADYBELLS |  |  |  |  |  |
| confusa＇Fairybells ${ }^{\text {mm }}$ Gaudi Violet＇PPAF | 4 | 18＂Terminal racemes of soft violet，elegant，drooping bell－shaped flowers，held on upright stems well above the foliage，tight clumping habit |  |  | 2.650 |  | 0.270 |
|  |  | MEXICAN HYSSOP |  |  |  |  |  |
| foeniculum＇Golden Jubilee＇唦 ${ }^{\text {F }}$ | 6－10 | 30＂Blue，fragrant flowers，golden foliage | 0.503 | 0.295 |  |  |  |
| hybrida＇Arizona＇Mix ${ }^{\text {\＃}}$ | 6－10 | 8－10＂Mix of＇Sandstone＇，＇Sun＇and＇Sunset＇flower colors，compact，uniform，extremely floriferous | 0.503 | 0.295 |  |  |  |
|  | 5－9 | 16＂Blue flowers on compact，well－branched plants，good garden appeal | 0.612 | 0.396 | 1.332 |  | 0.100 |
| rupestris＇Apache Sunset＇ | 4－10 | 24－36＂Deep orange flowers over aromatic gray foliage | 0.503 | 0.295 |  | 0.639 |  |
|  | 6－9 | 20－24＂Apricot peach flowers with purplish－pink calyxes on densely compact，rounded clumps of aromatic，bright green foliage | 0.612 | 0.396 | 1.332 |  | 0.160 |
|  | 6－9 | 18－22＂Magenta pink flowers with deep purple calyxes on densely compact，rounded clumps of aromatic，bright green foliage | 0.612 | 0.396 | 1.332 |  | 0.160 |
|  |  | BUGLEWEED |  |  |  |  |  |
| ee reptans＇Black Scallop＇PP15815 | 4－8 | 4＂Violet blue flowers，green \＆bronze foliage |  |  | 1.332 | 0.776 | 0.130 |
| se．＇Burgundy Glow＇ | 3－9 | 6＂White flowers，pink，purple foliage |  |  | 1.332 |  |  |

## SYMBOL GUIDE

| SYMBOL GUIDE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 乿 Sun | $\delta$ Cut Flower | \｜${ }^{\text {k }}$ | Borders | － | Hanging Baskets | de | Vegetatively Propagated | （ | Heat Tolerant |
| －Part Shade | ＊Cool Crops | 箸䚁 | Combination Planters | （A） | AAS Winner |  | Attracts Butterflies \＆Hummingbirds |  |  |
| －Shade | 賭 Pots | 缼 | Tolerates Dry Conditions | © | Fleuroselect |  | Ground Cover |  |  |

PERENNIALS
＝Item is from Terra Nova and has a different discount schedule．Please see chart．
＝Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety（Red＝New！） | Hardy Zone | Common Name and Description | Big Burly Price |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | BUGLEWEED |  |  |  |  |  |
| de reptans＇Chocolate Chips＇ | 3－8 | 3＂Ground cover，deep purple foliage |  |  |  | 0.776 |  |
| ie＇Pink Lightning＇PP22255 | 3－9 | 6＂Maury－pink short spikes of flowers，spreading，white－edged green leaves |  |  | 1.332 |  | 0.110 |
| ALCEA 澲 |  | HOLLYHOCK |  |  |  |  |  |
| rosea＇Chater＇s Double Mix＇ | 4－8 | 6－8 ft．Fully double，3－5＂flowers |  |  | 1.210 |  |  |
| ＇Indian Spring Mix＇ | 3－9 | 6－8 ft．Pink，yellow，white single／semi－double |  |  | 1.180 |  |  |
| ＇Peaches＇n Dreams＇ | 4－8 | 5－6 ft．Double creamy peach |  |  | 1.210 |  |  |
| Spring Celebrities Series： <br>  | 6－9 | 24－32＂Dwarf，multi－stemmed plants，large，semi－double to double flowers，will bloom at least 3 months under favorable conditions | 0.645 | 0.453 |  |  |  |
| ＇Spring Celebrities Mix＇${ }^{\text {星 }}$｜ | 6－9 | 24－32＂Dwarf，multi－stemmed plants，large，semi－double to double flowers，will bloom at least 3 months under favorable conditions | 0.645 | 0.453 | 1.383 | 0.818 |  |
| ＇Summer Carnival Mix＇（A） | 3－9 | 5－6 ft．Fully crested double |  |  | 1.180 |  |  |
|  |  | LADY＇S MANTLE |  |  |  |  |  |
| mollis＇Thriller＇ | 3－7 | 12－18＂Tiny star－shaped chartreuse blooms；foliage will retain moisture beads after rain creating an attractive ornamental feature | 0.571 | 0.355 | 1.271 | 0.724 |  |
| ALLIUM 溸 |  | FAT LEAF ALLIUM |  |  |  |  |  |
| interspecific hybrid＇Quattro＇F1 | 5 | Large purple ball shaped flowers，strong and vigorous plant；tender，daffodil shaped leaves，very thick and fleshy，up to $3 / 4^{\prime \prime}$ wide；tastes like ordinary onion with a soft garlic taste，no lingering garlic smell |  |  | 1.488 |  |  |
| ALYSSUM 溸 |  | SWEET ALYSSUM |  |  |  |  |  |
| wulfenianum＇Golden Spring＇PP25710 | 4－9 | 6－8＂Yellow，early－spring flowering；easy to grow；largest flowers in its class | 0.571 | 0.355 | 1.332 |  | 0.050 |
| ANEMONE 䊾湦 |  | WINDFLOWER For Pandora，please see Specialty section |  |  |  |  |  |
| sylvestris | 5－8 | 12－15＂Single white，fragrant blooms |  |  | 1.436 |  |  |
|  |  | COLUMBINE |  |  |  |  |  |
| caerulea＇Kirigami＂＇Mix＇ | 5－9 | 14－24＂Bold，vibrant，upward facing flowers；narrow flowering window；mix includes deep blue／white，light blue／white，red／white，rose／pink，yellow；replaces ‘Origami＇ |  |  | 1.383 | 0.818 |  |
| x．caerulea＇Origami F1 Mix＇ | 4－8 | 14－16＂F1 Uniform，fast flower，minimum cold requirement | 0.645 | 0.453 |  |  |  |
| ＇McKana＇s Giant Mix＇ | 3－9 | 30＂Large，long－lasting flowers，long spurs | 0.472 | 0.271 | 1.210 |  |  |
| ＇Songbird F1 Mix＇ | 4－8 | 18－24＂F1 Hybrid，eight straight colors，large blossoms，mid－green upright foliage | 0.645 | 0.453 | 1.383 |  |  |

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| Variety（Red＝New！） | Hardy Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | THRIFT，SEA PINKS |  |  |  |  |  |
| maritima＇Morning Star＇Series：Deep Rose，White | 2－9 | 6＂Small，compact habit allows for pot tight production，great for early flowering spring combinations |  | 0.271 |  |  |  |
| ＇Splendens＇ | 3－9 | 6－12＂Rose－pink flowers，grass－like foliage |  | 0.271 |  |  |  |
| de pseudoarmeria＇Dreameria＇＂Series：＇Day Dreams＇（pink）PPAF，＇Sweet Dreams＇（mauve）PPAF | 6－9 | 10－12＂Breakthrough Armeria breeding；blooms from early－spring through the summer and into late fall，in containers or in the garden；remove old flowers once per month for best performance，easy to grow | 0.571 | 0.355 |  | 0.724 | 0.270 |
| ARTEMISIA 浟算 |  | WORMWOOD |  |  |  |  |  |
| e Powis Castle | 6－9 | 24＂Fragrant，silver gray foliage |  |  | 1.271 |  |  |
| e schmidtiana＇Silver Mound＇ | 3－7 | 8－10＂Silver gray，fern－like clumps | 0.571 | 0.355 | 1.271 | 0.724 |  |
|  |  | BUTTERFLY WEED，SWAMP MILKWEED <br> ＊Other than in summer，available 2．25．19 thru 4．12．19（Wks 9 －15）－not vernalized |  |  |  |  |  |
| curassavica＇Silky Deep Red＇ | 9－11 | 36－48＂Brilliant yellow flowers with dark red hoods on red－purple foliage | 0.724 | 0.379 | 1.732 | 0.905 |  |
| tuberosa 2017 Perennial Plant of the Year | 4－9 | 24＂Orange cut flowers，fragrant，ornamental seed pods | 0.686 | 0.370 | 1.732 | 0.905 |  |
| ＇Hello Yellow＇ | 4－9 | 20－24＂Golden yellow，flat－topped flower clusters followed by green seed pods with silky white hairs | 0.808 | 0.503 | 1.961 | 1.025 |  |
| ASTER 湴 $\ll 1$ |  | ASTER |  |  |  |  |  |
| de frikartii＇Monch＇ | 5－8 | 28＂Deep lavender blue flowers |  |  | 1.332 |  |  |
| ce hybrid＇Kickin＂＇ Series：＇Carmine Red＇，＇Lavender＇， ＇Lilac Blue＇，＇Pink Chiffon＇，＇Purple＇，‘Sapphire’ | 5－11 | 12－20＂Very bushy，compact habit，covered in semi－double，vibrantly colored flowers late summer through fall | 0.645 | 0.453 |  |  | 0.060 |
| novi－angliae＇Purple Dome＇ | 4－8 | 18＂Purple，free flowering masses，compact |  |  | 1.332 |  |  |
| ASTILBE－${ }^{\text {－}}$ |  | FALSE SPIREA |  |  |  |  |  |
| ＇Showstar Mix＇薬 | 3－8 | 12－16＂Red，rose，white plumes |  |  | 1.332 |  |  |
|  |  | AUBRIETA 72＇s available wk 42－49；128＇s available wk 41－48 |  |  |  |  |  |
| Ce hybrida＇Axcent ${ }^{\text {t＂}}$ Series：＇Antique Rose＇ ＇Burgundy Imp．＇，＇Dark Red＇，＇Deep Purple Imp．＇ ＇Light Blue＇，＇Lilac Imp．＇，＇Violet w／Eye Imp． | 6－9 | 4－6＂Early－to mid－Spring large blooms，vigorous habit，bred and selected for long bloom windows and outstanding shelf life；vernalization is required－plant in fall and bulk prior to cold treatment | 0.720 | 0.578 |  |  |  |
| BAPTISIA 澲整 |  | FALSE INDIGO |  |  |  |  |  |
| australis | 3－9 | 36－48＂Deep blue spikes，shrubby habit |  |  | 1.436 |  |  |
| BRUNNERA－ |  | FALSE FORGET－ME－NOT，SIBERIAN BUGLOSS |  |  |  |  |  |
| macrophylla＇Alexander＇s Great＇PP25789 | 4－9 | 14＂Blue flowers on large heavily silvered leaves；gigantic plants | 1.458 |  | 2.440 |  | 0.300 |
| ce．＇Sea Heart＇PP24684 | 4－8 | 6－12＂Two－toned pink and blue blooms in mid－Spring，very thick foliage holds up very well in heat and humidity | 1.458 |  | 2.440 |  | 0.300 |
| de．＇Silver Heart＇PP24685 | 4－8 | 6－12＂Deep blue blooms，very thick foliage holds up very well in heat and humidity | 1.458 |  | 2.440 |  | 0.300 |

PERENNIALS
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| Variety（Red＝New！） | HardyZone | Common Name and Description | Big Burly ${ }^{\text {P Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| BUDDLEIA 亚號 |  | BUTTERFLY BUSH |  |  |  |  |  |
| 'Buzz’" Series: 量 'Hot Raspbery' PPAF, ‘Midnight' PPAF | 5 | 3－4 ft．Attractive，compact plants smothered with flowers，for large patio pots and smaller gardens |  |  | 1.436 | 0.849 | 0.270 |
| se＇Buzz＇${ }^{\text {mw }}$ Series：量＇Lavender＇PP22063， Magenta Imp．＇PP23463＇Purple＇PP22064，＇Sky Blue＇PP23461，‘Soft Pink＇PPAF | 5 | 3－4 ft．Attractive，compact plants smothered with flowers，for large patio pots and smaller gardens |  |  | 1.436 |  | 0.270 |
| de davidii＇Black Knight＇$\ll$ | 6－9 | 5－7 ft．Deep purple，sweetly scented |  |  | 1.436 |  |  |
| CAMPANULA 業 ${ }^{\text {\％}}$ |  | BELLFLOWER |  |  |  |  |  |
| carpatica＇Rapido Blue＇ | 3－9 | 5－7＂Very early bloomer |  |  | 1.271 | 0.724 |  |
| ＇Rapido White＇ | 3－9 | 5－7＂Very early bloomer |  |  | 1.271 |  |  |
| persicifolia hybrid＇Takion Blue＇\％賈鼻 | 3－8 | 16－20＂Upright，bell－shaped flowers，dwarf habit |  |  | 1.332 |  |  |
| CARYOPTERIS 紫 $\ll 4$ |  | BLUE BEARD |  |  |  |  |  |
| ce．clandonensis＇Dark Knight＇留 | 6－9 | 24－36＂Dark blue flowers on silver green foliage，aromatic stems and leaves |  |  | 1.436 |  |  |
| CENTAUREA 沮㳔 $<$ |  | PERENNIAL BACHELOR BUTTON，MOUNTAIN BLUET |  |  |  |  |  |
| ce montana＇Amethyst Dream＇PP20781 整 | 3－9 | 20＂Showy，radiant royal purple blooms come from unique＂shingled＂buds，softly haired，silver foliage | 0.686 |  |  |  | 0.270 |
|  | 3－7 | 12－24＂Showy，well－spaced，tubular pure white petals with blue－purple centers，silvery green lance－shaped leaves | 0.686 |  | 1.488 |  | 0.270 |
| CERASTIUM 湴 |  | SNOW－IN－SUMMER |  |  |  |  |  |
| tomentosum＇Silver Carpet＇ | 3－7 | 4＂White flower，trailing silvery foliage | 0.472 | 0.271 |  | 0.614 |  |
|  |  | LEADWORT，PLUMBAGO |  |  |  |  |  |
| plumbaginoides | 5－9 | 12－18＂Blue flowers，red fall foliage，good ground cover | 0.645 | 0.453 | 1.383 |  |  |
|  |  | TICKSEED |  |  |  |  |  |
| grandiflora＇Double the Sun＇ | 4－9 | 12－14＂Clear golden yellow，2－1／2＂semi－double flowers，2－3 weeks earlier than＇Early Sunrise＇，best for early sales |  |  | 1.180 |  |  |
| ＇Early Sunrise＇${ }^{(A) ®}$ | 3－9 | 24＂Double gold flowers | 0.472 | 0.271 | 1.180 |  |  |
| ＇Illico＇m | 4－9 | 12－14＂Naturally compact，well－branched，covered in golden yellow blooms | 0.472 | 0.271 |  |  |  |

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| Variety (Red = New!) | $\begin{aligned} & \text { Hardy } \\ & \text { Zone } \end{aligned}$ | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June - December |  | 2019 January - June (plants shipped $1 / 7 / 19$ to 4/19/19 are cold treated) |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | TICKSEED |  |  |  |  |  |
| grandifora 'Sunfire' | 4-9 | 20-36" Large yellow flowers with burgundy red center | 0.472 | 0.271 |  |  |  |
| 'SunKiss' ${ }^{\text {a }}$ | 4-9 | 12-14" Extremely bright yellow with large center blotch, controlled habit; easy to grow | 0.503 | 0.295 | 1.210 |  |  |
| de 'Sunswirl' | 5-9 | 12-16" Large round golden yellow flowers, very early | 0.669 | 0.478 |  |  | 0.080 |
| e hybrida 'Crème Brulee' PP16096 \% |  | 20" Lemon yellow flowers, neat mounds | 0.645 | 0.453 | 1.383 |  | 0.190 |
| de 'Golden Stardust' PPAF ${ }^{\text {a }}$ | 5-9 | 12-14" Abundant, star-shaped brilliant yellow with red center flowers late spring through fall; self-branching, mildew tolerant, excellent heat tolerance |  |  | 1.383 |  | 0.160 |
| de 'Jethro Tull' PP18789 * $<$ - | 5-9 | 12-18" Golden yellow fluted petals, compact habit, extended flowering season | 0.621 | 0.396 | 1.383 |  | 0.210 |
| ‘Leading Lady’ Series: ‘Charlize’, <br> 'Lauren’, ‘Sophia' USPPP | 5-9 | 18-24" Flower colors closer to true yellow than gold, day neutral, early, showy, heavy blooming; sterile, will bloom all summer without deadheading. Charlize $=$ frilly doubles, Lauren $=$ clear singles, Sophia $=$ tubular blooms | 0.645 | 0.453 | 1.383 |  | 0.250 |
| ic 'Lil Bang ${ }^{\text {Tm" }}$ Enchanted Eve' PPAF | 4-9 | 9-12" Large, golden yellow flowers have contrasting dark red ring around gold centers; compact, mounding dwarf foliage | 0.645 | 0.453 | 1.383 |  | 0.270 |
| (e. 'Rosanna' | 5 | 10-12" Burgundy-red flowers, medium-sized plants, finely cut lacey foliage | 0.645 | 0.453 | 1.383 |  | 0.120 |
| de 'Super Star' PPAF | 5-9 | 14-16" Light yellow w/ red centers, extra large flowers, mounded habit similar to 'UpTick' series |  |  | 1.383 |  | 0.160 |
| da 'UpTick' Cream' PPAF | 5-9 | 12-14" Tidy, mounded habit makes it easy to ship; attractive in the landscape; big flowers and long blooming for more color at retail | 0.645 | 0.453 |  |  | 0.150 |
| 'UpTick'm Series: 'Cream \& Red', 'Gold \& Bronze', 'Yellow \& Red' PPAF | 5-9 | 12-14" Tidy, mounded habit makes it easy to ship; attractive in the landscape; big flowers and long blooming for more color at retail | 0.645 | 0.453 | 1.383 |  | 0.150 |
| ce rosea 'American Dream' | 4-8 | 18" Pink flowers, fern-like foliage | 0.612 | 0.396 | 1.383 |  |  |
| d. 'Heaven's Gate' PP16016 | 5-9 | 18" Pink blooms with rose-red eye zone | 0.612 | 0.396 |  |  | 0.200 |
| e verticillata 'Crème Caramel' PP8482 \% | 5-9 | 12-18" Terra cotta colored blooms from summer until fall, becoming deeper orange-bronze as temperatures get cooler, compact, mounding | 0.645 | 0.453 | 1.383 |  | 0.190 |
| c 'Cruzin' Route 66' PP20609 | 5-9 | 24-27" Unique yellow blooms with burgundy-red centers that bleed into the yellow petals | 0.612 | 0.396 | 1.383 |  | 0.285 |
| se 'Moonbeam' | 3-8 | 15-18" Pale yellow, longest blooming, lacy dark green foliage | 0.645 | 0.453 | 1.383 |  |  |
| 'Sizzle \& Spice'"w Series: 'Curyy Up’ (yellow/red eyes), 'Zesty Zinger' (ivory/magenta) PPAF | 5-9 | 15-18" Compact, rounded habits, covered with flowers from early to late summer; bright green threadleaf foliage | 0.669 | 0.478 | 1.436 |  | 0.160 |
| CORTADERIA 渻 $\mathcal{C}$ |  | PAMPAS GRASS |  |  |  |  |  |
| rosea | 6-10 | 4-6 ft. Pink Pampas Grass |  |  | 1.180 |  |  |
| selloana | 5-11 | 6-10 ft. White Pampas Grass |  |  | 1.180 |  |  |

PERENNIALS


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|  |  |  | 2018 June - December |  | 2019 January - June (plants shipped $1 / 7 / 19$ to 4/19/19 are cold treated) |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| CORYDALIS |  | CORYDALIS |  |  |  |  |  |
| se flexuosa 'Porcelain Blue | 5 | 10-12" Vibrant aqua blue flowers held in racemes above the foliage; blue-green, bronzed foliage; does not suffer from summer dormancy; blooms from spring-early summer, profuse repeat flowering in late summer-fall; UK origin |  |  | 4.122 |  |  |
|  |  | HARDY ICE PLANT |  |  |  |  |  |
| e nubigenum 'Wheels of Wonder® Fire' USPPP | 5 | 4" Large, showy orange/red, yellow-centered flowers on durable low-growing plants | 0.612 | 0.396 | 1.332 |  | 0.210 |
| de. 'Wheels of Wonder® Orange' USPPP | 5 | 4" Large, showy orange, yellow-centered flowers on durable low-growing plants | 0.612 | 0.396 |  |  | 0.210 |
| DELPHINIUM 業 4 |  | DELPHINIUM |  |  |  |  |  |
| elatum ‘Delphina’ Series: 'Dark Blue w/ Black Bee', 'Light Blue w/ White Bee', 'Rose w/ White Bee' | 3-9 | 18-20" First genetic dwarf elatum, well branched with strong flower spikes; use up to 3-gallon pots, control plant size by pot size |  |  | 1.210 |  |  |
| 'Delphina Dark Blue w/ White Bee' ¢ | 3-9 | 18-20" Dark blue-purple flowers with white eyes, first genetic dwarf elatum, well branched with strong flower spikes | 0.503 | 0.295 | 1.210 |  |  |
| 'Guardian Mix' \& | 4-7 | 30-39" A tall mix of blue, lavender, and white flowers; uniform blooming | 0.571 | 0.355 | 1.271 | 0.724 |  |
| 'Magic Fountain Mix' $\delta<$ | 3-7 | 24-30" Dwarf, mixed colors | 0.472 | 0.271 | 1.180 | 0.614 |  |
| grandiflorum dwarf 'Blue Butterfly' | 3-7 | 16" Compact spikes of electric blue | 0.472 | 0.271 | 1.180 | 0.614 |  |
| 'Diamonds Blue' | 2-9 | 16-23" Gorgeous electric blue with purple dot on each petal, forms a low, bushy mound of lacy green leaves, loose sprays of single blooms all summer | 0.571 | 0.355 | 1.271 |  |  |
| 'Summer Colors Mix' | 4-7 | 18" Blues, pinks and whites, well-branched | 0.503 | 0.295 | 1.210 |  |  |
| hybrida 'Pacific Giant' Series: $\mathcal{*}$ |  | 48-60" (Benary Selections) |  |  |  |  |  |
| 'Black Knight' | 3-7 | Deep blue/purple with bee |  |  | 1.180 |  |  |
| 'Blue Bird' | 3-7 | Clear blue with bee |  |  | 1.180 |  |  |
| 'Mix' | 3-7 | A mix of entire series, Benary selections | 0.472 | 0.271 | 1.180 | 0.614 |  |
| DIANTHUS 楽 1 |  | PINK, SWEET WILLIAM, CARNATION |  |  |  |  |  |
| barbatus 'Barbarini' ${ }^{\text {rm }}$ F1 Mix | 4-9 | 8-12" Late spring/early summer blooming, compact and uniform |  |  | 1.180 |  |  |
| ce 'Dianthalot'" ${ }^{\text {'M }}$ Series: 'Red + Star' PP27905, 'Pink + Star' PP27716 | 6-10 | 8-12" Star-patterned flower, interspecific breeding, thrives in hot weather, flatter habit than others |  |  |  | 1.110 |  |
| 'Flow' ${ }^{\text {® }}$ Series: ** * 'Apella Beach' (bright green), 'Blinky Beach' (dark magenta), 'Bondi Beach' (peach, red edges), 'Crane Beach' (cherry red), 'Grace Bay' (cream w/ purple edges),'Miami Beach' (saturated pink) 'Punta Cana' (light yellow) | 6 | 8-12" Breeding from Hilverdakooij, extremely large flowers - up to $21 / 2^{\prime \prime}$ - and full foliage, blooms early, fragrant, will rebloom if deadheaded, suitable for year round production, for indoor and outdoor use |  |  |  | 1.110 | 0.080 |


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|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| DIANTHUS－Continued 亚即 |  | PINK，SWEET WILLIAM，CARNATION |  |  |  |  |  |
| gratianopolitanus＇Firewitch＇ 2006 Perennial Plant of the Year | 3－10 | 6＂Pink flowers，spiky blue foliage，prostrate habit covers ground area well |  |  | 1.436 | 0.849 |  |
| de．hybrida＇Devon Cottage PromotionalTM Pinball Wizard＇PPAF | 5－9 | 12＂Fancy pink and white striped flowers，masses of double，spicy，fragrant flowers carried on sturdy stems， repeat flowering from spring to fall |  |  | 1.488 |  | 0.160 |
| interspecific＂Everlast＂${ }^{\text {tw }}$ Series：事億 ＇Burgundy Blush＇PP23150，＇Lilac＋Eye＇PP23318 | 4－9 | 8－12＂Double flowers，blooms early and stays in bloom，then reblooms as night temperatures drop in late summer |  |  |  | 1.110 |  |
|  | 3－9 | 4＂Scented pink blooms all summer，narrow grayish green foliage，upright habit |  |  |  | 1.110 | 0.050 |
| ce＇Scent First Surprise Raspberry＇ | 5－9 | 6－10＂Pink double flowers with burgundy red centers，dense mounds of foliage |  |  | 1.488 |  | 0.130 |
| x．barbatus＇Rockin＇Red＇\｜ | 5－8 | 18－24＂Lacy dynamite vivid red scented flowers，fully branched |  |  | 1.271 | 0.724 |  |
| DIGITALIS 桬汭 |  | FOXGLOVE |  |  |  |  |  |
| purpurea＇Apricot Beauty＇ | 4－8 | 36＂Apricot－orange spikes | 0.472 | 0.271 | 1.180 |  |  |
| ＇Camelot Mix＇F1 | 4－8 | 36－48＂Cream，lavender－rose and white flowers | 0.571 | 0.355 | 1.271 | 0.724 |  |
| ＇Camelot＇Series：Crème，Lavender，Rose | 4－8 | 36－48＂Tall spikes of rose－pink bells with maroon－purple speckled throats | 0.571 | 0.355 |  |  |  |
| ＇Candy Mountain＇ | 4－8 | 48＂Compact plants with up－facing flowers，rose pink with freckled throats | 0.503 | 0.295 |  |  |  |
| $\qquad$ <br> ＇Dalmation＇F1 Series：＇Peach＇，＇Purple＇ <br> © ${ }^{\text {© }, ~ ' R o s e ' ~}$ | 4－8 | 16－20＂Good quality，spotted bloom spikes on well branched，compact plants，first year，early－flowering | 0.571 | 0.355 | 1.271 |  |  |
| ＇Dalmation Creme＇F1 | 4－8 | Good quality white blooms with spots on well branched，compact plants；first year，early flowering | 0.571 | 0.355 |  |  |  |
| ＇Foxy＇（A） | 4－8 | 36＂Mix of extra large bell－shaped blooms | 0.472 | 0.271 | 1.180 |  |  |
| x．mertonensis | 4－9 | 24－36＂Strawberry pink | 0.472 | 0.271 | 1.180 |  |  |
| ECHINACEA 湴 く＜算俱 |  | CONEFLOWER SHIP WEEKS FOR COLD TREATED ECHINACEA：2／25／19－4／19／19（Wk 9 －Wk 16，2019） |  |  |  |  |  |
| e hybrida＇Big Sky ${ }^{\text {T＂}}$ Series：＇Harvest Moon＇ PP17652，＇Sundown＇PP17659 浸 | 5－8 | Harvest Moon $=24-30^{\prime \prime}$ Golden petals，orange cone；Sundown $=32-40$＂Coral petals tipped in pastel salmon |  |  | 2.780 |  | 0.150 |
| ca＇Butterfly ${ }^{\text {mm }}$ Rainbow Marcella＇PPAF | 4－9 | 18＂Single，sherbet colored blooms early summer until frost，compact，super florifierous |  |  | 2.780 |  | 0.250 |
| de＇Cara Mia Series＇＇Rose＇PPAF，＇Yellow＇ | 4－10 | 16＂Anemone－double flowers come early and keep coming until frost；exceptional crown count |  |  | 2.780 |  | 0.250 |
| ＇Cheyenne Spirit＇（A）© | 4－9 | 26－32＂Vivid orange，yellow，scarlet，red，rosy－red，purple and cream flowers on first－year flowering plants， blazes all summer in all the colors of the prairies－ 3 Seeds per cell in 72 ＇s and 32 ＇s | 0.669 | 0.478 | 1.758 | 1.240 |  |
| $\begin{array}{ll} \hline \text { PP18803 } & \text { 'Conefections }{ }^{\text {mW' }} \text { Pink Double Delight' } \\ \hline \end{array}$ | 4－9 | 24＂Fully double pompons in bright，clear pink fading to mauve |  |  | 2.780 |  | 0.250 |
| $\begin{aligned} & \text { 'Double Scoop }{ }^{\text {™ }} \text { Series: 'Cranberry' } \\ & \text { PP24769, 'Mandarin' PP26640 in } \end{aligned}$ | 4－9 | 22－24＂Eye－catching double flower form，clean leaves，brilliantly colored blooms，very hardy，first－rate branching |  |  | 3.180 |  | 0.220 |
| e＇Hot Papaya＇PP21022 | 6－9 | 30－36＂Fade－resistant，tropical fiery orange－shaded double flowers held on thick，well－branched maroon stems |  |  | 2.780 |  | 0.250 |
| ia＇Kismet ${ }^{\text {m＇，}}$ Series：＇Intense Orange＇ PPAF，＇Raspberry＇PPAF，＇Red＇PPAF，＇Yellow＇PPAF | 4－10 | 16－18＂Intense bright，large flowers cover this upright，compact plant；blooms keep coming from early summer until frost，excellent habit |  |  | 2.780 |  | 0.250 |

PERENNIALS
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= Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety (Red = New!) | Hardy Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royaly |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June - December |  | 2019 January - June (plants shipped $1 / 7 / 19$ to 4/19/19 are cold treated) |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| ECHINACEA 乷 \& 建 4 |  | CONEFLOWER NEW SHIP WEEKS FOR COLD TREATED ECHINACEA: 2/25/19-4/19/19 (Wk 5-Wk 16, 2019) |  |  |  |  |  |
| ce hybrid 'Meadow Mama' Series: |  |  |  |  |  |  |  |
| 'Innocent' PPAF | 5-9 | 20" - 24" Pure white petals and a golden cone, super floriferous and very strong |  |  | 2.780 |  | 0.250 |
| 'Laughing' PPAF | 5-9 | 20 "-24" Bright, vivid tangerine orange blooms, super strong plant |  |  | 2.780 |  | 0.250 |
| 'Playful' PPAF | 5-9 | 20" - 24" Pink petals dipped in white, stunning two-toned beauty |  |  | 2.780 |  | 0.250 |
| 'Sweet' PPAF | 5-9 | 20" - 24" Perfectly pink blooms |  |  | 2.780 |  | 0.250 |
| de 'Now Cheesier' PP23059 | 4-10 | 24" Deep golden yellow flowers on well-branched plants, fragrant |  |  | 2.780 |  | 0.300 |
| $\begin{aligned} & \text { 'Prima'"w Series: 'Cinnamon' PPAF, } \\ & \text { 'Ginger' PPAF, 'Ruby' PPAF } \end{aligned}$ | 4-10 | 12" Low, compact, tight double flowers, fabulous crown, multiple blooms; cinnamon = reddish; ginger = soft orange to pink; ruby = red |  |  | 2.780 |  | 0.250 |
| ce 'Sombrero ${ }^{\text {® }}$ Series:'Adobe Orange' PP23105, 'Granada Gold' PPAF, 'Hot Coral' PP23097, 'Lemon Yellow Imp.' PPAF, 'Salsa Red' PP23105, 'Sangrita' PPAF | 4-9 | 18-20" Sturdy, compact plants are covered in single blooms with bright, rich colors, excellent retail presentation, well matched in habit and timing |  |  | 2.900 |  | 0.140 |
| de Supreme ${ }^{\text {tm }}$ Cantaloupe' PP24897 | 4-10 | 26-29" Ripe cantaloupe colored flowers open looking like brown-eyed double gerberas and as they expand take on more of the Echinacea look |  |  | 2.780 |  | 0.250 |
| ce 'Tangerine Dream' PP21773 | 4-9 | 14-23" Elegant 4" clear orange flowers that hold their color; wide, overlapping petals; multiple, wide-branching strong stems |  |  | 2.780 |  | 0.300 |
| de 'Tiki Torch' PP18839 \\| | 4-9 | 28-36" Orange coneflower explodes with massive $41 / 2^{\prime \prime}$ flowers with wide petals, retains the intense color |  |  | 2.780 |  | 0.300 |
| de 'Tomato Soup' PP19427 | 4-9 | 22-32" Warm, tomato-red flowers to 6" wide, flowers until frost, well-branched |  |  | 2.780 |  | 0.300 |
| purpurea 'Green Twister' | 3-8 | 34-40" Lemon green with increasing carmine red center, horizontal flower petals; uniform, sturdy habit, abundant flowering -3 Seeds per cell in 32 's |  |  | 1.332 |  |  |
| ce 'Kim's Knee High' PP12242 | 4-9 | 15-17" Clear pink, red-tipped cones, vigorous dwarf, long and late blooming |  |  | 2.780 |  | 0.160 |
| 'Magnus' | 3-8 | 24-36" Rose red, dark brown coned center - 3 Seeds per cell in 72 's and 32's | 0.472 | 0.271 | 1.180 |  |  |
| PowWow ${ }^{\text {TM }}$ Series: 'White', <br> 'Wild Berry' | 4-9 | 22-24" Colorful, produces more flowers than any other seed Echinacea, faster to flower on a shorter plant 3 Seeds per cell in 72 's and 32 's | 0.645 | 0.453 | 1.436 | 0.945 |  |
| 'Prairie Splendor ${ }^{\text {rm }}$ Rose Compact' | 3-9 | 14-16" Pretty rose flowers on compact breeding, flowers up to three weeks earlier than traditional varieties 3 Seeds per cell in 72 's and 32 's |  |  | 1.436 | 0.945 |  |
| 'Ruby Star' | 4-9 | 40" Carmine red, magenta center-3 Seeds per cell in 72's and 32's | 0.503 | 0.295 | 1.180 | 0.614 |  |
| 'White Swan' | 3-9 | 18-24" White with coppery coned centers- 3 Seeds per cell in 72 's and 32's | 0.472 | 0.271 | 1.180 |  |  |
|  |  | GLOBE THISTLE |  |  |  |  |  |
| bannaticus 'Blue Glow' | 3-8 | 40 " Intense blue flowers, sturdy, compact |  |  | 1.210 |  |  |


| Variety（Red＝New！） | Hardy Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| ERYNGIUM 楽業 |  | SEA HOLLY |  |  |  |  |  |
| bannaticus＇Blue Hobbit＇ | 4－8 | 6－12＂Purplish－blue flower heads on silver－blue stems all summer long | 0.612 | 0.396 | 1.332 |  |  |
|  |  | WALLFLOWER |  |  |  |  |  |
| $\text { ec 'Winter }{ }^{\text {me }} \text { Series: 'Joy' USPPP, 'Orchid' }$ PP22467, ‘Sorbet Imp.' USPPP \$’ | 7－9 | 12－16＂Large plants，very early blooming，extra large fragrant flowers；Joy＝lilac，Orchid＝orange／red to violet，Sorbet＝mauve／lilac with orange | 0.612 | 0.396 |  |  | 0.080 |
| GAILLARDIA 溸 $\chi^{\text {¢ }}$ |  | BLANKET FLOWER |  |  |  |  |  |
| ce aristata＇Spintop＇Series：＇Orange Halo＇， ＇Red＇，＇Yellow Touch＇ | 5－9 | 8－12＂Interesting color range，compact，mounding，well－matched series | 0.786 | 0.591 | 1.545 |  | 0.080 |
| x．grandiflora＇Arizona Apricot＇（A） | 2－10 | 12＂Blooms have yellow edges that deepen to a rich apricot in the center，uniform habit |  |  | 1.210 |  |  |
|  | 3－10 | 10－12＂Large，crimson red blooms；compact，uniform，well－branched |  |  | 1.210 | 0.639 |  |
| ＇Arizona Sun＇（A）© ${ }^{\text {c }}$（ | 2－10 | 8－12＂Large fiery orange red blossoms tipped by a ring of rich flame yellow |  |  | 1.210 | 0.639 |  |
| ＇Goblin＇ | 3－8 | 14＂Mahogany red with yellow petal edges，vigorous，early flowering |  |  | 1.180 |  |  |
| $\text { 'Yellow' 'Mesa' }{ }^{\text {'w }} \text { Series: 'Bright Bicolor', }$ | 5－8 | 14－20＂Neat mounded plants，3＂daisy－like flowers，globe－shaped seed heads |  |  | 1.271 |  |  |
| GALIUM ${ }^{\text {a }}$ |  | SWEET WOODRUFF |  |  |  |  |  |
| ce odoratum | 5－8 | 6＂White，fragrant flowers，ground cover | 0.612 | 0.396 | 1.332 |  |  |
| GAULTHERIA 業 ${ }^{\text {a }}$ |  | WINTER BERRY |  |  |  |  |  |
| procumbens＇Redwood＇ | 3－8 | 6＂Pink，bell－shaped flowers，large brilliant red berries，reliably profuse fruiting，vigorous evergreen plants |  |  | 2.540 |  |  |
|  |  | BEEBLOSSOM，WAND FLOWER |  |  |  |  |  |
| lindheimeri＇Ballerina ${ }^{\text {tm }}$ Rose＇PP14635 | 6－9 | 12＂Striking，colorful flowers and dark foliage on airy compact，well－branched，upright plants |  |  |  | 0.776 | 0.040 |
| a＇Belleza ${ }^{\text {TwW }}$ Dark Pink＇ | 6－9 | 12－18＂Excellent branching，short flower stems，great companion plant | 0.612 | 0.396 |  | 0.776 | 0.040 |
| de＇Belleza＇w White＇ | 6－9 | 12－18＂Excellent branching，short flower stems，great companion plant | 0.612 | 0.396 |  |  | 0.040 |
| ic＇Freefolk Rosy＇ | 5－9 | 16－20＂Unique，large white flowers with pink picotee edge；cream and green variegated leaves take on purple hue in cool nights；stable variegation | 0.612 | 0.396 |  |  | 0.160 |
| de．＇Gauriella Bicolor＇USPPP | 6－9 | 12－18＂One－of－a－kind intense bicolor pattern．Great component for upscale patio containers | 0.612 | 0.396 |  |  | 0.100 |
| ce＇Little Janie＇PP26，356 | 6－9 | 16－18＂White and rose bicolor blooms，deep rose on outer edges；bloom late spring through autumn， compact and holds its shape well |  |  | 1.332 |  | 0.110 |
| de．＇Rosy Jane＇e PP22290 | 5－9 | 20＂White flowers with a distinct cherry pink picotee edge，bushy mounds of dark green foliage | 0.645 | 0.453 | 1.332 |  | 0.160 |
| ic＇Siskiyou Pink＇ | 5－9 | 24－36＂Dainty reddish pink blooms resemble a butterfly | 0.612 | 0.396 | 1.332 |  |  |
| de＇Whirling Butterflies＇ | 5－9 | 30＂White flowers resemble a butterfly，red stems | 0.612 | 0.396 | 1.332 |  |  |

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| Variety（Red＝New！${ }^{\text {a }}$ | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\text {＂Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped 1／7／19 to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  |  |  |  |  |  |  |
| ea．＇True Blue＇PP20433 \＆ | 4－9 | 24＂Electric blue funnel－shaped flowers summer through fall，upright shiny leaves，easy to grow，deer／rabbit resistant |  |  | 2.540 |  | 0.200 |
| GERANIUM 乷溫 ${ }_{\text {d }}$ |  | MEADOW CRANE＇S BILL |  |  |  |  |  |
| $\begin{aligned} & \text { Pe oxoniumxantipod 'Orkney Cherry' } \\ & \text { PP18263 } \end{aligned}$ | 5－9 | 12＂Masses of clear hot pink blooms；glossy green foliage，orange tint in fall，compact mounding habit |  |  | 2.540 |  | 0.220 |
|  | 5－8 | 18－20＂Beautiful blue blooms；extremely long blooming，even through August heat；mounded，slightly marbled foliage turns red in the fall |  |  | 2.440 |  | 0.350 |
| GYPSOPHILA 浟 $\ll$ |  | BABY＇S BREATH |  |  |  |  |  |
| paniculata＇Double Snowflake＇ | 4－9 | 36＂Clouds of tiny double white flowers | 0.472 | 0.271 | 1.180 |  |  |
| ＇Festival＇${ }^{\circledR}$ Series：＇Pink Lady＇，＇White＇， ＇White Flare＇ | 5－9 | 12＂Double and semi－double flowers on compact plants，blooms summer to frost，long day responder | 0.669 | 0.478 |  |  | 0.110 |
| HELENIUM 乷 $\lll$ |  | SNEEZEWEED |  |  |  |  |  |
| e．＇Ruby Tuesday＇PP18234 | 4－8 | 24－30＂Flowers open dark black red and develop into a deep ruby tone | 0.612 |  | 1.332 |  | 0.110 |
| HELIANTHUS 乷 |  |  |  |  |  |  |  |
| ecesalicifolius＇Autumn Gold＇PPAF | 5－10 | 24－26＂Golden yellow blooms cover plants from September until hard frost，upright plants with dark green narrow leaves，low maintenance | 0.612 | 0.396 | 1.332 |  | 0.100 |
| HELIOPSIS 乷 酓 |  | OX EYE |  |  |  |  |  |
| helianthoides＇Summer Nights＇ | 4－9 | 36－48＂Golden yellow with mahogany center | 0.571 | 0.355 |  |  |  |
| ＇Summer Sun＇ | 4－7 | 36－48＂Golden yellow 4＂double daisies | 0.472 | 0.271 | 1.180 |  |  |
|  |  | CORAL BELLS |  |  |  |  |  |
| ec hybrid＇Amber Waves＇PP13348－ | 4－9 | 8＂Warm amber colored ruffled leaves are brightest in spring，compact；micrantha x villosa | 1.458 |  | 2.540 |  | 0.100 |
| ta．＇Amethyst Myst＇ | 4－9 | 16＂Pink flowers in spring，burgundy leaves splashed with silver；villosa x micrantha | 1.458 |  |  |  | 0.080 |
| e＇Autumn Leaves＇PP22103 | 4－9 | 8－18＂Mid－sized leaves of red in the spring，taupe in summer，ruby red in fall；villosa $x$ americana | 1.458 |  |  |  | 0.250 |
| te＇Berry Smoothie＇PP21871－（） | 4－9 | 18－28＂Metallic rose－pink bold round leaves；villosa x americana | 1.458 |  | 2.540 |  | 0.250 |
| 82＇Cajun Fire＇PP24150 | 4－9 | 9＂White flowers on dark stems in spring，foliage colors change from red in spring to black in summer to maroon in fall；villosa x micrantha x sanguinea | 1.458 |  |  |  | 0.250 |
| ＇Carnival＂Series：＇Black Olive＇，＇Plum Crazy＇ PP24，771，＇Rose Granita＇，＇Watermelon＇PP24，803 | 4－9 | 10－12＂Distinct leaf veination；villosa parentage for excellent heat performance，great series for one－gallon programs and shade mixed containers，mounding habits are brilliant in shady landscapes |  |  | 2.540 |  | 0.110 |



PERENNIALS

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| Variety（Red＝New！） | Hardy Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | CORAL BELLS |  |  |  |  |  |
| micrantha＇Palace Purple＇ | 4－8 | 18－24＂Small white flowers，purple leaves | 0.472 | 0.271 | 1.180 | 0.614 |  |
| sanguinea＇Coral Forest ${ }^{\text {tw，}}$ | 3－9 | 18－24＂Deep green foliage with bright red flowers on short stems | 0.472 | 0.271 |  |  |  |
|  |  | TRAILING CORAL BELLS |  |  |  |  |  |
| ce hybrid＇Copper Cascade＇PP25722－－ | 4－9 | 8＂Refined，muted rosy copper－gold foliage holds color all year，heuchera－shaped leaves，pliable trailing stems | 1.458 |  |  |  | 0.100 |
| c＇Gold Zebra＇PP22104－ | 4－9 | 8－18＂Bright yellow，feathery leaves are boldly marked with dark red | 1.458 |  |  | 1.975 | 0.200 |
| de＇Happy Hour＇Lime＇PP28576 | 4－9 | 10－18＂Clean，clear lime foliage，no marbling；short stems of white flowers in spring only | 1.458 |  |  | 1.975 | 0.250 |
| ce＇Hot Spot＇PP27417 | 4－9 | 8－14＂Bright pink flowers，trailing habit，large red spot in the center of lime－green leaves is a striking look in the garden | 1.458 |  |  |  | 0.250 |
| de＇Onyx PPAF 沙－ | 4－9 | 10－15＂True black，glossy，deeply cut leaves on a dense medium size mound make this a great landscape plant |  |  |  | 1.975 | 0.250 |
| re．＇Plum Cascade＇PP28883－ | 4－9 | 9－12＂First purple heucherella and it＇s trailing！Lobed，purple－silver leaves；small light pink flowers appear all summer on short stems，elegant | 1.458 |  |  | 1.975 | 0.100 |
| de＇Redstone Falls＇PP22394 \％ | 4－9 | 10－15＂Ruby－splashed，butterfly－like foliage，warm，autumnal tones | 1.458 |  |  |  | 0.100 |
| 8e＇Sweet Tea＇PP21296 | 4－9 | 20－27＂Spring leaves like cinnamon stars darken in summer and lighten up again in the fall | 1.458 |  |  | 1.975 | 0.250 |
| ce＇Tapestry＇PP21150 歳 | 4－9 | $7-20^{\prime \prime}$ Blue green dark－centered leaves in spring and summer change to green with dark centers in fall and winter | 1.458 |  |  |  | 0.100 |
| 8．＇Yellowstone Falls＇PP22313－合 | 4－9 | 6－10＂Lovely chartreuse lobed leaves with deep crimson markings，stems will trail 3 feet in a container | 1.458 |  |  |  | 0.100 |
| HIBISCUS 湴 |  | ROSE MALLOW |  |  |  |  |  |
| moscheutos ‘Luna’ F1 Series：＇Mix＇，＇Pink Swirl＇， ＇Red＇，＇Rose＇ | 5－8 | 24－36＂Nice－sized 6－8＂flowers，big，bushy and well－branched plants | 0.669 |  | 1.488 |  |  |
|  |  | CHAMELEON PLANT |  |  |  |  |  |
| cordata＇Chameleon＇ | 4－9 | 6＂Cream，red，gold foliage with little white flowers |  |  |  | 0.776 |  |
| IBERIS 楽 4 |  | CANDYTUFT |  |  |  |  |  |
| e sempervirens＇Snowsation＇ | 4－9 | 6－8＂Large white flowers cover tidy，mounded plants；flower for many weeks |  |  | 1.271 |  | 0.060 |
| ＇Snowflake＇ | 3－9 | 6－8＂White（evergreen） | 0.472 | 0.271 | 1.180 | 0.614 |  |
| ＇Tahoe ${ }^{\text {TM }}$ Imp．＇ | 3－9 | 8－10＂Clusters of small white flowers，evergreen foliage | 0.503 | 0.295 |  |  |  |
| ＇Whiteout＇ | 3－9 | 6－8＂White，very uniform flowering，excellent branching and center fill | 0.503 | 0.295 | 1.210 |  |  |

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＝Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety（Red＝New！） | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\text {＂Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | KNAUTIA |  |  |  |  |  |
| macedonica＇Melton Pastels＇ | 5－9 | 4－8＂Pink flowers，silver leaves with green edges | 0.503 | 0.295 |  |  |  |
| ＇Red Knight＇ | 5－9 | 48＂Dense double deep cherry red scabious like flowers on strong tall stems | 0.503 | 0.295 | 1.210 |  |  |
| LAMIUM－ 0 |  | DEAD NETTLE |  |  |  |  |  |
| e．maculatum＇Beacon Silver＇ | 3－8 | 4－8＂Pink flowers，silver leaves with green edges |  |  | 1.271 | 0.724 |  |
| de．＇Hanky Panky＇ | 4－8 | 8－12＂Candy pink flowers，silver leaves with green margins，heat tolerant |  |  | 1.271 |  | 0.080 |
| e．＇Orchid Frost＇PP11112 | 3－8 | 6－10＂Orchid flowers，silver leaves，edged green |  |  | 1.271 |  | 0.055 |
| e．＇Purple Dragon＇PP15890 | 3－8 | 4－8＂Purple flowers，bright silver foliage |  |  | 1.271 |  | 0.200 |
| ea．＇White Nancy＇ | 3－8 | 4－6＂White flowers，silver leaves with green edges |  |  | 1.271 | 0.724 |  |
| LAVANDULA 沙 $\delta<4$ |  | LAVENDER |  |  |  |  |  |
| e angustifolia＇Blue River＇ | 5－9 | 12－14＂Vibrant purple blooms are intensely fragrant | 0.571 | 0.355 |  |  |  |
| ＇Blue Spear＇ | 6－8 | 11－13＂Big，tall spikes；upright，close－together stems for huge impact from a distance |  |  | 1.271 | 0.724 |  |
| ＇Hidcote Blue＇ | 5－8 | 12－18＂Purple flower spikes，subtle blue－green sweetly fragrant foliage | 0.571 | 0.355 | 1.271 | 0.724 |  |
| ＇Mini Blue＇ | 5－8 | 10－12＂Bred for large scale，over－wintered pot production，but is also suitable as a first year flowering crop | 0.571 | 0.355 |  | 0.724 |  |
| ＇Munstead＇ | 5－8 | 12－18＂Lavender flower stalks，very fragrant blue－green foliage | 0.571 | 0.355 | 1.271 | 0.724 |  |
| ea．＇Platinum Blonde＇PPAF | 6－9 | 16－24＂Soft blue flowers，beautiful cream and green leaves，neat，compact |  |  |  | 0.818 | 0.140 |
| ＇Scent ${ }^{\text {Tm }}$＇Blue Imp．＇ | 5－9 | 12－14＂Consistent and early flowering，silvery－green mounded plants with vigorous branching habit | 0.571 | 0.355 | 1.271 | 0.724 |  |
| ＇Scent＇${ }^{\text {＇m }}$＇White＇ | 5－9 | 12－14＂Consistent and early flowering，silvery－green mounded plants with vigorous branching habit | 0.571 | 0.355 |  |  |  |
| e2．＇SuperBlue＇PP24929 | 5－8 | 10－12＂Large，rich deep blue blooms on short spikes，excellent winter hardiness | 0.645 | 0.453 | 1.383 | 0.818 | 0.070 |
| e stoechas＇Anouk＇PP16685 | 6－9 | 14－18＂Dark violet flower spikes topped by clear purple wings，compact | 0.612 |  |  | 0.818 | 0.160 |
| ec＇Silver Anouk＇PP20068 | 6－9 | 20－24＂Dark purple flowers with pale purple wings，blue－silver foliage | 0.612 |  |  |  | 0.180 |
| e x．intermedia＇Grosso＇ | 6－9 | 20－24＂Deep violet blue flowers，extremely fragrant | 0.612 |  | 1.383 |  |  |
| ea．＇Phenomenal＇PP24193 | 4－8 | 24－32＂Bright blue blooms held well above silvery－green foliage，flowers and foliage both strongly fragrant |  |  | 1.383 | 0.818 | 0.140 |
| ec．＇Provence＇ | 6－11 | 24＂Longer slender flower stems，good for drying | 0.612 |  | 1.383 | 0.818 |  |
| LEUCANTHEMUM 浑 $\delta$ 边 |  | SHASTA DAISY |  |  |  |  |  |
| e． x ．suberbum＇Sante＇PP19829 | 4－8 | 18－24＂Pure white double flowers on strong stems |  |  |  | 0.818 | 0.050 |
| ＇Alaska＇ | 3－9 | 30＂White daisies on strong stems |  | 0.271 | 1.180 |  |  |
| ＇Becky＇ 2003 Perennial Plant of the Year | 4－8 | 36＂Huge single white 4＂blooms on tall sturdy stems，attractive foliage | 0.645 | 0.453 | 1.383 | 0.818 |  |
| ＇Crazy Daisy＇PP23426 | 3－9 | 24－28＂White double quill－like flowers |  |  | 1.210 |  |  |
| e x．superbum＇Freak！${ }^{\text {® }}$ PP23426 | 5－8 | 13＂Snowy white，semi－double，slightly tufted flowers，creamy yellow centers，very compact plant，excellent fall rebloom | 0.645 | 0.453 | 1.383 | 0.818 | 0.220 |

PERENNIALS
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$\square=$ Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety（Red＝New！ | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| LEUCANTHEMUM－Continued 關 $\ll$ d |  | SHASTA DAISY |  |  |  |  |  |
| ie＇Ooh La Lacrosse＇USPPP \｜ | 4－9 | 8－12＂Single yellow－eyed white daisies，spoon－shaped petals，very compact | 0.645 | 0.453 | 1.383 |  | 0.080 |
| ce＇Real Dream＇PP25664 $<$ | 5－9 | 16－20＂Three layers of greenish－yellow petals surround large gold center，gradually fades to white | 0.645 | 0.453 |  |  | 0.210 |
| se＇Real Galaxy＇USPPP $\ll$ | 5－9 | 18－21＂Multiple layers of pure white，narrow fringed petals surround deep gold centers，floriferous | 0.645 | 0.453 |  |  | 0.210 |
| de．＇Real Neat Imp．＇USPPP \＆ | 5－9 | 14－16＂Double－layered perfectly fluted，horizontal white petals surround solid gold center，great texture | 0.645 | 0.453 |  |  | 0.210 |
| ＇Snow Lady＇（A） | 3－9 | 10－18＂White flowers | 0.571 | 0.355 | 1.271 |  |  |
| de＇Snowcap＇ | 4－8 | 14＂Single，large white flowers，compact，nice foliage，very consistent | 0.645 | 0.453 | 1.383 | 0.818 |  |
| 边＇Spoonful of Sugar＇PP28760 | 5－9 | 16－18＂Double－layered，impressive 4－1／2＂flowers，long petals are held tight against dark green foliage， compact，dome－like habit |  |  | 1.383 |  | 0.210 |
| ce．＇Sweet Daisy Birdy＇PPAF \＆ | 5－9 | 18＂Special large，white umbrella blossoms；deep，dark green foliage |  |  | 1.436 |  | 0.120 |
| se＇Sweet Daisy Christine＇PPAF $\ll$ | 5－9 | 10－14＂Brilliant，large clear white，yellow centered flowers，very pleasing naturally mounding，compact growth，floriferous | 0.669 | 0.478 | 1.436 |  | 0.120 |
| ee＇Sweet Daisy Jane＇PPAF | 5－9 | 8－10＂White flowers，yellow centers，sturdy stems on well－branched plants，compact，semi－upright | 0.669 | 0.478 | 1.436 |  | 0.120 |
| de．＇Sweet Daisy Sofie＇PPAF \＆ | 5－9 | 6－10＂Pure white，golden yellow centers，mounded with very sturdy，upright upright stems | 0.669 | 0.478 | 1.436 |  | 0.120 |
| de＇Western Star Leo＇mw PPAF | 4－9 | 14－20＂Pure white flowers on very compact plants，quick finishing，long flowering window | 0.786 | 0.591 | 1.545 |  |  |
| ce．＇Western Star Taurus＇${ }^{\text {Tw }}$ USPPP | 4－9 | 14－20＂Pure，large white flowers on Taurus＝on compact plants，quick finishing，long flowering window | 0.786 | 0.591 |  |  |  |
|  |  | CLIFF MAIDS，BITTER ROOT |  |  |  |  |  |
| cotyledon＇Elise Mix＇溍－¢ | 3－8 | 4－6＂Rich mix of pinks，rose，salmon，orange，white，yellow and striking bicolors，likes well－drained soil， genera named after Captain Lewis | 0.612 | 0.453 | 1.332 | 0.776 |  |
| ＇Elise＇Series：＇Ruby Red＇，＇White＇祡 © ¢ | 3－8 | 4－6＂Flowers continuously，succulent－like foliage，likes well－drained soil，genera named after Captain Lewis |  |  | 1.332 |  |  |
| ic hybrida＇Constant Comment＇ | 6－9 | $3-5 "$ Rose pink large flowers on compact rosettes，flowers continuously，short panicles，succulent，likes well drained soil |  |  | 3.050 |  | 0.150 |
| LIATRIS 澲 \＆－装 |  | GAY FEATHER，BLAZING STAR |  |  |  |  |  |
| spicata＇Floristan Violet＇ | 3－9 | 36－48＂Lavender－blue flower spikes |  |  | 1.180 |  |  |
| LITHODORA 䏈济 |  | LITHODORA |  |  |  |  |  |
| diffusa＇Grace Ward＇ | 6－8 | 8－12＂Blue flowers，spreading，evergreen |  |  | 1.383 | 0.818 |  |


| Variety（Red＝New！） | Hardy Zone | Common Name and Description | Big Burly ${ }^{\text {c Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly ${ }^{\text {3 }} 2$ | Junior 72 |  |
| LOBELIA 䏈沙 $\ll$ |  | CARDINAL FLOWER |  |  |  |  |  |
| cardinalis | 3－9 | 24－36＂Red flowers，green foliage | 0.503 | 0.295 | 1.210 | 0.639 |  |
| fulgens＇Queen Victoria＇ | 6－8 | 24－36＂Red flowers，red foliage | 0.472 |  | 1.210 |  |  |
| speciosa＇Starship＇Series：＇Deep Rose＇，＇Scarlet＇ | 6－10 | 20－24＂Masses of rich deep rose flowers on showy，mid－height plants | 0.612 | 0.396 | 1.332 |  |  |
| LUPINUS 溕 $<$ |  | LUPINE |  |  |  |  |  |
| polyphyllus＇Gallery Mix＇ | 4－6 | 15－20＂Dwarf，flowers first year |  |  | 1.271 |  |  |
| ＇Russell Mix＇ | 4－6 | 30－36＂Dense spires，many colors |  |  | 1.271 |  |  |
| LYSIMACHIA 㴆 |  | LOOSESTRIFE，MONEY WORT |  |  |  |  |  |
|  | 3－9 | 2－3＂Yellow flowers，creeping gold foliage，can be very vigorous，but not invasive |  |  |  | 0.776 |  |
| MONARDA 縉沙 $\ll$ 整 |  | BEE BALM，HORSEMINT |  |  |  |  |  |
| de．didyma＇Balmy ${ }^{\text {™ }}$ Series：＇Lilac＇PP26594， ＇Pink＇PP26，566，＇Purple＇PP25561，＇Rose＇ PP26567 | 4－9 | 10－12＂Compact，early flowering，deer，rabbit and mildew resistant，strong bold colors，free－flowering | 0.645 | 0.453 | 1.332 |  | 0.160 |
| ec＇Blue Stocking＇ | 3－9 | 24－36＂Violet－blue，tubular，two－lipped flowers，dense terminal heads atop stiff square stems，dark green ovate leaves | 0.612 | 0.396 |  |  |  |
| e．＇Jacob Cline＇ | 4－9 | 24－36＂Red with lance－shaped mid green leaves，very mildew resistant | 0.612 | 0.396 | 1.332 |  |  |
| e．＇Marshall＇s Delight＇ | 3－9 | 30－36＂Rich pink blooms，very mildew resistant | 0.612 | 0.396 |  |  |  |
| ＇Panorama Mix＇ | 3－9 | 24－36＂Red，pink，and salmon shades | 0.472 | 0.271 |  |  |  |
| e＇Pink Lace＇${ }^{\text {® }}$ PP18367 | 3－9 | 12－16＂Petite plant，light pink flowers with dark purple centers，dark stems | 0.612 | 0.396 | 1.332 |  | 0.160 |
| 2e．＇Sugar Buzz ${ }^{\text {® }}$＇Blue Moon＇PPAF | 4－9 | 20＂Lavender blue flowers held by attractive bracts，breakthrough shorter height for this color，dark green， mildew resistant foliage | 0.645 | 0.453 | 1.383 |  | 0.160 |
| Pe 2 ＇Sugar Buzz®＇Bubblegum Blast＇ PP27497 | 4－9 | 24＂Hot pink flowers，dark green，mildew resistant foliage | 0.645 | 0.453 | 1.383 |  | 0.160 |
| ea．＇Sugar Buzz ${ }^{\circledR}$ Pink Frosting＇PPAF | 4－9 | 14－16＂Pastel pink flowers form a carpet of blossoms that completely cover the dark green，mildew resis－ tant foliage | 0.645 | 0.453 | 1.383 |  | 0.160 |
| e hybrida＇Fireball＇PP14325 | 4－8 | 15－20＂Superb，dwarf selection，deep scarlet flowers，fragrant foliage | 0.612 | 0.396 | 1.332 |  | 0.160 |
| MYOSOTIS－【 |  | FORGET－ME－NOT |  |  |  |  |  |
| alpestris＇Ultramarine＇洫 | 5－9 | 6＂Intense indigo blue flowers |  |  | 1.180 | 0.614 |  |
| NEPETA 乷埧 |  | CATMINT，CATNIP |  |  |  |  |  |
| de．racemosa＇Walker＇s Low＇ 2007 Perennial Plant of the Year | 3－8 | 30＂Lovely blue－violet flowers accent tangy aromatic grey green foliage |  |  | 1.271 | 0.724 |  |
| ex．$x$ faassenii＇Blue Wonder＇ | 4－8 | 12－15＂Lavender flowers，gray green foliage |  |  | 1.271 |  |  |
| ea．＇Junior Walker＇PP23074 | 5－9 | 18＂Plump spikes of lavender－blue flowers contrast well with blue－green foliage，much smaller than ＇Walker＇s Low＇ |  |  | 1.332 | 0.776 | 0.160 |
| da．＇Purrsian Blue＇PP24788 | 5－9 | 14－18＂Periwinkle blue flowers with dark purple calyxes are produced for months，compact，densely mounded green aromatic foliage |  |  | 1.332 |  | 0.160 |

PERENNIALS

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| Variety（Red＝New！） | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\circ}$ Price |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly ${ }^{\text {a }} 3$ | Junior 72 |  |
|  |  | EVENING PRIMROSE |  |  |  |  |  |
| e berlanderi＇Siskiyou Pink＇${ }^{\text {a }}$ | 3－8 | 12＂Pink fragrant flowers，dark foliage | 0.612 | 0.396 | 1.271 |  |  |
| e fruticosa＇African Sun＇ | 4－9 | 12＂Masses of bright yellow，cup shaped flowers late spring to late summer | 0.571 | 0.355 |  |  |  |
|  |  |  |  |  |  |  |  |
| e iwarenge＇Chinese Hat＇ | 6－11 | 6＂White pale－pink conical flower spikes；rosettes，very unique silver－gray，succulent leaves，great texture plant | 0.645 | 0.453 |  |  |  |
| PAPAVER 潔 |  | POPPY |  |  |  |  |  |
| nudicaule＇Garden Gnome＇ | 3－7 | 12＂Abundant large flowers in multi－colors，blue－green leaves |  |  | 1.180 |  |  |
| orientale＇Allegro＇ | 3－7 | 24＂Orange－scarlet black－eyed 6＂blooms |  |  | 1.180 |  |  |
| ＇Fruit Punch＇ | 4－9 | 30＂Pink，red，orange and plum with black centers，5＂silky ruffled blooms |  |  | 1.180 |  |  |
| PENSTEMON 渉䢸 |  | BEARD TONGUE |  |  |  |  |  |
| e barbatus Rock Candy ${ }^{\oplus \prime}$＇Series：＇Blue＇ PP27786，＇Ruby＇PP27820 | 5－8 | 12＂Bell－shaped blooms on compact flower spikes；plump panicles stand out against green foliage；fits well in garden fronts，along walkways and in containers |  |  | 1.383 |  | 0.160 |
| ＇Husker Red＇ | 3－8 | 24－36＂White flower，red leaf | 0.503 | 0.295 | 1.210 |  |  |
| e2．＇Pocahontas＇PP24804 $<$ | 4－9 | 36＂Clusters of bell－shaped lavender pink blossoms on red stems are highlighted against upright deep green，burgundy washed foliage，from Intrinsic Perennial Gardens |  |  | 2.440 |  | 0.250 |
| e hybrida＇MissionBells ${ }^{\text {TM }}$ Deep Rose＇PPAF | 5－9 | 20－24＂Contrasting dark stems，upright plants，16－18＂spread，remove old flowers to promote reblooming throughout the summer |  |  | 1.383 |  | 0.160 |
| e schmidel＇Riding Hood Red＇PP18950 | 5－9 | 24＂Deep red tubular blooms，no PGRs needed，proven summer performance |  |  | 1.383 |  | 0.150 |
| PEROVSKIA 乷楽 |  | RUSSIAN SAGE |  |  |  |  |  |
| e．atriplicifolia | 5－9 | 36－48＂Lavender－blue flowers，fragrant foliage | 0.669 |  | 1.488 | 0.870 |  |
| e．＇Crazy Blue＇PP25639 | 4－9 | 16－18＂Deer and rabbit resistant；doesn＇t fall open in wind and rain，well branched |  |  | 1.545 |  | 0.110 |
| ＊＇Little Spire＇® PP11643 | 4－9 | 20－25＂Cool lavender－blue blooms on richly aromatic gray foliage |  |  | 1.488 | 0.870 | 0.160 |
| 2．＇Rocketman＇PP27526 | 4－9 | 30－36＂Large，fluffy textured，lavender blue flowers，aromatic grey green，non－dissected leaves line silvery stems，narrower upright vase－shaped habit |  |  | 1.545 |  | 0.270 |
| PHLOX 沙 |  | PHLOX |  |  |  |  |  |
| echybrid＇Fashionably Early Crystal＇PPAF 【\} | 4－8 | 28－32＂Pure white flowers with faint light purple eye，broad，dark green，thick foliage，stoloniferous habit （vs tightly clumping paniculata types） |  |  | 1.436 |  | 0.210 |
| e．＇Fashionably Early Flamingo＇PPAF \｜ | 4－8 | 30－36＂Perfectly defined panicles of light lavender pink flowers，broad，bright green，thick foliage，stolonifer－ ous habit（vs tightly clumping paniculata types） |  |  | 1.436 |  | 0.210 |


| Variety (Red = New!) | HardyZone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June - December |  | 2019 January - June (plants shipped $1 / 7 / 19$ to 4/19/19 are cold treated) |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| PHLOX 䌜 |  | PHLOX |  |  |  |  |  |
| e hybrid 'Fashionably Early Lavender Ice' PPAF |  |  |  |  |  |  |  |
| $}$ | 4-8 | 28-32" Pale lavender flowers with lavender pink eye, narrow, spiky, dark green, thick foliage, stoloniferous habit (vs tightly clumping paniculata types) |  |  | 1.436 |  | 0.210 |
|  | 4-8 | 10" Bright purple flowers with smudges of white in center of petals, naturally branching, compact habit, mildew resistant |  |  | 1.488 |  | 0.200 |
| (e.Cherry Cream' PPAF $\ll$ | 4-9 | 22-26" Large cream flowers with pink centers and rose eyes, self-branching, powdery mildew and frost-tolerant |  |  | 1.436 |  | 0.150 |
| se 'Eva Cullum' \& | 4-8 | 30" Dark pink with maroon flowers, mildew resistant | 0.645 |  | 1.383 |  |  |
| 'Flame’ ${ }^{\oplus}$ Series: 'Blue' USPPP, 'Coral' PP22234, 'Pink' PP11804, 'Purple' PP12605, 'Purple Eye' USPPP, 'White' PP16259 - $<1$ | 3-8 | 15-18" Large fragrant flowers start mid-summer, perfectly suited for containers, courtyard gardens and the middle of the border. Naturally dwarf, compact, good disease resistance, bushy habit | 0.669 |  | 1.436 |  | 0.150 |
| 'Flame Light Pink' PP11805 | 3-8 | 15-18" Large fragrant flowers start mid-summer, perfectly suited for containers, courtyard gardens and the middle of the border. Naturally dwarf, compact, good disease resistance, bushy habit | 0.669 |  |  |  | 0.150 |
|  | 3-8 | 15-18" Large fragrant flowers start mid-summer, perfectly suited for containers, courtyard gardens and the middle of the border. Naturally dwarf, compact, good disease resistance, bushy habit |  |  | 1.436 |  | 0.150 |
| (e. 'Glamour Girl' PP25778 * | 4-8 | 24-36" Large domes of hot coral pink on long, dark purple stems; extremely mildew resistant |  |  | 1.436 |  | 0.210 |
| de 'Laura' * | 4-8 | 36" Purple flowers with white eye | 0.645 |  | 1.383 | 0.818 |  |
| e. 'Nicky' $<$ | 4-8 | 36-48" Purple-pink flower trusses combine together to form a flowering ball, highly fragrant | 0.645 |  |  |  |  |
| e. 'Starfire' $<$ | 4-8 | 30-36" Deep red flowers, one of the best reds | 0.645 |  |  |  |  |
|  | 5-8 | Large fragrant flowers, strong disease resistance, enduring performance; Candy (compact rose white) = 14 "; Dream (orange rose) = 32"; Fantasy (purple bicolor) $=30$ "; Festival (rose w/ dark eye) $=16$ "; Fragrance (rose) = 32"; Ocean (blue) = $32^{\prime \prime}$; Queen (salmon orange w/ dark eye) $=16$ "; Surprise (violet white) $=28^{\prime \prime}$; Temptation (purple white) $=28^{\prime \prime}$ | 0.904 |  |  |  |  |
| *** Please note: all Phlox subulata in Junior 72 trays shipped June - December 2019 will have 2 cuttings per cell *** |  |  |  |  |  |  |  |
| subulata 'Amazing Grace' | 3-8 | 4-6" Pure white with clear red centers | 0.682 |  | 1.271 |  |  |
| ce 'Candy Stripe' 0 | 4-8 | 4-6" White with rose stripe on each petal | 0.682 |  | 1.271 |  |  |
| ie 'Coral Eyes' 0 | 3-8 | 4-6" Whitish pink with darker center | 0.682 |  |  |  |  |
| ie 'Drummond's Pink' $\boldsymbol{\sim}$ | 3-9 | 4-6" Bright pink flowers | 0.682 |  |  |  |  |
| ce 'Emerald Blue' $\boldsymbol{Q}$ | 4-8 | 4-6" Light lilac blue flowers | 0.682 |  | 1.271 |  |  |
| (a) 'Emerald Pink' 0 | 4-8 | 4-6" Small pink flowers | 0.682 |  | 1.271 |  |  |
| de 'Fort Hill' ${ }^{\text {da }}$ | 4-8 | 4-6" Deep pink, fragrant, nice habit | 0.682 |  | 1.271 |  |  |
| ce 'Phlox Trot'm Pink' $\square^{\text {a }}$ | 4-9 | $4-6^{" \prime}$ Very large pink flowers, same bloom time yet more vigorous than traditional phlox subulata, ideal for medium to large containers |  |  | 1.332 |  |  |
| se 'Purple Beauty' $\boldsymbol{N}$ | 4-8 | 4-6" Purple flower, darker center | 0.682 |  | 1.271 |  |  |
| se 'Scarlet Flame' 1 | 4-8 | 4-6" Vivid scarlet blooms | 0.682 |  | 1.271 |  |  |

PERENNIALS
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| Variety（Red＝New！ | HardyZone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| PHLOX－Continued 㵰 |  | PHLOX |  |  |  |  |  |
| ＊＊＊Please note：all Phlox subulata in Junior 72 trays shipped June－December 2019 will have 2 cuttings per cell＊＊＊ |  |  |  |  |  |  |  |
| ia subulata＇Spring＇Series：＇Blue＇USPPP， ＇Lavender＇USPPP，＇Purple＇USPPP | 3－8 | 4－6＂Earlier bloom time than other Creeping Phlox，compact mounds of star－shaped flowers completely cover the plant for a carpet of springtime color | 0.720 |  |  |  | 0.040 |
| ＇Spring＇Series：＇Dark Pink＇USPPP， <br> ＇White＇USPPP | 3－8 | 4－6＂Earlier bloom time than other Creeping Phlox，compact mounds of star－shaped flowers completely cover the plant for a carpet of springtime color | 0.720 |  | 1.332 |  | 0.040 |
| （a）＇Spring Hot Pink＇USPPP 0 | 3－8 | 4－6＂Earlier bloom time than other Creeping Phlox，compact mounds of star－shaped flowers completely cover the plant for a carpet of springtime color |  |  | 1.332 |  | 0.040 |
| de＇White Delight＇ 0 | 4－8 | 4－6＂Large pure white flowers | 0.682 |  | 1.271 |  |  |
| PHYSOSTEGIA 潤 $\ll$ |  | OBEDIENT PLANT |  |  |  |  |  |
| virginiana＇Crown Rose＇ | 3－9 | 24－36＂Rose pink flowers |  |  | 1.210 |  |  |
| de＇Miss Manners＇PP12637 | 3－9 | 24－30＂White flowers，waxy dark green leaves，petite form |  |  | 1.332 |  | 0.175 |
| PLATYCODON 乷 涪 |  | BALLOON FLOWER |  |  |  |  |  |
| grandiflorus＇Astra Blue＇ | 3－10 | 8＂Compact，uniform，12＂spread，balloon－like buds |  |  | 1.210 | 0.639 |  |
| ＇Astra Pink＇ | 3－10 | 8＂Compact，uniform，12＂spread，balloon－like buds |  |  | 1.210 |  |  |
| ＇Astra Semi－Double Blue＇ | 3－10 | 8＂Well－branched，floriferous， $3^{\prime \prime}$ flowers |  |  |  | 0.639 |  |
| ＇Pop Star Blue ${ }^{\text {TM }}$＇ | 3－9 | 7＂Compact，huge flowers，use in the landscape or as a potted plant |  |  | 1.210 |  |  |
| POLEMONIUM |  | JACOB＇S LADDER |  |  |  |  |  |
| ce caeruleum＇Brise d＇Anjou＇－PP9781 | 4－8 | 24＂Violet－blue flowers，creamy－edged fern－like foliage on bushy clumps |  |  | 2.650 | 2.050 | 0.070 |
| de hybrid＇Heaven Scent＇PP20214 | 3－7 | 18－24＂Blue flowers，pinnate foliage starts out reddish and then turns green，from Intrinsic Perennial Gardens |  |  | 2.540 |  | 0.250 |
| re reptans＇Stairway to Heaven＇PP15187 | 3－9 | $10-16$＂Violet blue bells rise above a low mound of medium－green ferny leaves edged in creamy white and flushed with pink during cooler spring weather |  |  | 2.650 | 2.050 | 0.280 |
| ee．＇Touch of Class＇PP19768 | 3－7 | 14＂Pink buds open to reveal pale－blue flowers，lacy variegated foliage |  |  | 2.540 |  | 0.270 |
| PRIMULA |  | PRIMROSE |  |  |  |  |  |
| polyanthus＇Pacific Giant Mix＇ | 3－8 | 6＂Vigorous，large，bright flowers | 0.503 | 0.295 |  | 0.639 |  |
| ＇SuperNova F1 Mix＇湴 | 3－8 | 6－8＂Consistent flowering window across all 11 colors，use indoors and outdoors | 0.503 | 0.295 |  | 0.639 |  |
|  |  | LUNGWORT |  |  |  |  |  |
| ce．hybrid＇Raspberry Splash＇PP12138 | 4－9 | 12－13＂Dusky raspberry－coral flowers in early spring，strongly silver－marked，sharply pointed，very upright foliage | 1.458 |  | 2.540 |  | 0.200 |
| de．＇Trevi Fountain＇PP13047 | 4－9 | 11－12＂Large cobalt blue flowers in profuse clusters in spring，deep green leaves with contrasting silver spots，excellent specimen plant | 1.458 |  |  |  | 0.200 |


| Variety (Red = New!) | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June - December |  | 2019 January - June (plants shipped $1 / 7 / 19$ to 4/19/19 are cold treated) |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| ROSEMARY 浸 |  | ROSEMARY |  |  |  |  |  |
| e officinalis 'Arp' | 7-10 | 36-48" Aromatic leaves, tiny blue flowers |  |  | 1.383 | 0.818 |  |
| se 'Hill Hardy' | 7-11 | 4-5 ft. Broad, dark green aromatic leaves, light blue flowers |  |  |  | 0.818 |  |
|  |  | BLACK-EYED SUSAN, CONEFLOWER |  |  |  |  |  |
| fulgida 'Goldsturm' | 3-9 | 24-28" Traditional Black-Eyed Susan, golden flowers with dark cone |  |  | 1.210 | 0.639 |  |
| e var speciosa 'Viette's Little Suzy' PP8867 | 4-8 | 18-24" Deep yellow flowers, dwarf form |  |  | 1.436 |  | 0.070 |
|  |  | WOODLAND SAGE, BALKAN CLARY |  |  |  |  |  |
| ce hybrida 'Blue by You' PPAF | 4-9 | 20-22" Long, bright blue flower spikes bloom spring to late summer; hybrid between S. nemorosa and pratensis; sterile for longer shelf life |  |  | 1.332 |  | 0.090 |
| de 'Caradonna' | 4-7 | 24-30" Dark purple flowers | 0.645 |  | 1.332 | 0.776 |  |
| 'East Friesland' | 4-7 | 18" Purple flowers | 0.645 |  | 1.332 |  |  |
| nemerosa 'Lyrical"' ' Series: 'Blues' PP22919, 'White' PP21243 | 4-9 | 22-24" Robust plants with excellent branching and eye-catching color, reblooms in the garden for longer flowering times | 0.612 | 0.396 | 1.332 |  | 0.080 |
| $\begin{aligned} & \text { 'Lyrical"'s' } \text { Series: 'Rose' PP24274, } \\ & \text { 'Silvertone' PP23310 } \end{aligned}$ | 4-9 | 22-24" Robust plants with excellent branching and eye-catching color, reblooms in the garden for longer flowering times | 0.612 | 0.396 |  |  | 0.080 |
| (e) 'Marcus' PP13322 * | 4-7 | 12" Deep violet flowers, dwarf clump | 0.645 |  | 1.332 |  | 0.160 |
| $\begin{aligned} & \text { 'Marvel Series': 'Blue' PP27018, } \\ & \text { 'Rose' PPAF, 'Sky Blue' } \\ & \hline \end{aligned}$ | 4-9 | 10-12" Ultra-large bright blue flowers, mounded habit, no PGRs needed | 0.612 | 0.396 | 1.332 |  | 0.160 |
| 'Sallyrosa' April Night' PP26520 | 5-11 | 12" Blue flowers, dwarf plants flower 1 month earlier than most salvias and stay in bloom April-July, low maintenance, no vernalization required | 0.695 | 0.549 | 1.436 | 0.849 | 0.080 |
| $\begin{aligned} & \text { 'a 'Salute'"M Series: 'Deep Blue', } \\ & \text { 'Ice Blue', 'Pink' } \end{aligned}$ | 4-9 | 14-16" First year flowering series, strong colors, matching habit |  |  | 1.332 |  | 0.080 |
| 'Sensation ${ }^{\circledR \text { ' Series: 'Medium }}$ <br> Deep Blue' USPPP © $\Subset$, 'Medium Deep Rose Imp.' USPPP " | 4-8 | 12" Free flowering, cut back for profuse flowering all season, low maintenance, strong, dwarf plants, deer/ rabbit resistant | 0.645 | 0.453 | 1.332 |  | 0.080 |
| se. 'Sensation ${ }^{\text {® }}$ ' White USPPP | 4-8 | 12" Free flowering, cut back for profuse flowering all season, low maintenance, strong, dwarf plants, deer/ rabbit resistant | 0.645 | 0.453 |  |  | 0.080 |
| se 'Spring King' |  | 14-18" Nice clusters of dainty purplish blue flowers from late spring, one of the earlier salvias |  |  | 1.332 |  | 0.080 |
| ia x . hybrid 'Caramia' | 3-8 | 14-18" Dark purple flowers, shorter and more compact than Caradonna, compact habit, good branch structure, striking dark stems |  |  | 1.332 |  | 0.080 |
| x. superba 'Merleau ${ }^{\text {® }}$ Blue' ${ }^{\text {® }}$ | 4-8 | 12" Well-branched, 1st year flowering, award-winning pot and garden performance | 0.503 | 0.295 |  |  |  |
| d. x sylvestris 'Blue Hills' | 4-7 | 16-20" Sky blue flowers | 0.645 |  | 1.332 | 0.776 |  |
| ie 'May Night' | 4-7 | 18-28" Violet blue flowers | 0.695 |  | 1.436 | 0.849 |  |

PERENNIALS

＝Item is from Terra Nova and has a different discount schedule．Please see chart．
＝Item is from Tissue Culture and has minimum lead time of 40 weeks

| Variety（Red＝New！） | HardyZone | Common Name and Description | Big Burly ${ }^{\text {Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
| SAXIFRAGA 業 颠 |  | SAXIFRAGA |  |  |  |  |  |
| x．arendsii＇Alpino ${ }^{\text {tw }}$ Early＇Series：＇Carnival＇， ＇Lime＇，＇Magic Salmon＇，＇Picotee＇，＇Pink＇，＇Pink Heart＇，＇White＇ | 5－9 | 3－6＂Most early flowering，2－4 weeks earlier than Touran，breakthrough breeding，blooms up to 4 wks longer than others，more vigorous plant habit compared to Touran 72 ＇s available wk 44－2，128＇s available wk 42－51 | 0.720 | 0.578 |  |  |  |
| ＇Highlander ${ }^{\text {TM }}$ Rose Shades＇${ }^{\text {® }}$ | 3－7 | 4－6＂Free－flowering with vivid colors，long shelf life，extra early flowering，uniform | 0.503 | 0.295 |  |  |  |
| ＇Large White，＇，＇Lime Green＇，＇Pink＇，＇Scarlet＇，＇White＇ | 4－9 | 3－6＂Early－Late Spring，large blooms，timed uniformly across series，excellent habit；later to floewr than Alpino Early to extend early spring perennial shipping window 72 ＇s available wk 44－2，128＇s available wk 42－51 | 0.720 | 0.578 |  |  |  |
| SCABIOSA 乷 $\delta<4$ |  | PINCUSHION FLOWER |  |  |  |  |  |
| de altopurpurea＇Butterfly Blue＇ | 3－8 | 12－18＂Lavender blue flowers | 0.645 | 0.453 | 1.383 | 0.818 |  |
| ce columbaria＇Vivid Violet＇PP19260 | 4－9 | 11＂Large，vivid－violet pincushion flowers set atop low mounds of mildew－resistant，frilly foliage．Heavy flowering from late spring until frost |  |  | 1.383 |  | 0.210 |
| SEDUM 楽楅 ${ }^{\text {a }}$ |  | STONECROP |  |  |  |  |  |
| de hybrida＇Sunsparkler®’ Dazzleberry PP22457 | 4－9 | 8＂Huge 9＂bright pink flowerheads held above disease－free dusky blue foliage |  |  | 1.332 |  | 0.160 |
| ie＇Sunsparkler®＇Firecracker PPAF | 4－9 | 6＂Medium pink flowerheads top cherry－red clumps of shiny leaves，incredible amounts of new buds after dormancy |  |  | 1.332 |  | 0.200 |
| se．＇Sunsparklere＇Lime Zinger PP24632 | 4－9 | 4＂Pink flowers，bright lime－green foliage，surrounded by cherry－red picotee edge |  |  | 1.332 |  | 0.200 |
| sa＇Thundercloud＇PP21833 | 4－9 | 8－10＂Billowy clouds of white，lightly flushed with pink star－like flowers in summer，strong，compact mounds of heavily serrated，grey green foliage，from Intrinsic Perennial Gardens |  |  | 1.488 |  | 0.100 |
| ＇Roof Garden Mix＇ | 4－8 | Varieties and species especially selected for greenroof applications，mixed，compact with texture and color variations |  |  |  | 0.614 |  |
| c rupestre＇Angelina＇PPAF 嘘 | 3－9 | 3－6＂Yellow flowers，chartreuse－to－orange foliage |  |  | 1.332 |  |  |
|  | 3－10 | 4＂Yellow flowers，lime－green foliage |  |  |  | 0.776 |  |
| spurium＇Dragon＇s Blood＇ | 3－9 | 4－6＂Pink flowers，red foliage |  |  | 1.180 |  |  |
| ce telephium＇Autumn Joy＇ | 3－8 | 18－24＂Bronze pink flowers，green foliage |  |  | 1.383 |  |  |
| ca．＇Dark Magic＇PP27619 | 4－9 | Dark pink flowers，glossy purple－black leaves，short very upright habit，huge inflorescences，multiple crowns |  |  | 1.383 |  | 0.210 |
|  |  | HENS AND CHICKS |  |  |  |  |  |
| Species Mix | 3－8 | 3－4＂Red，green，gray foliage |  |  | 1.488 | 0.870 |  |
| STACHYS 楽 |  | BETONY，LAMB＇S EARS |  |  |  |  |  |
| de byzantina＇Helene Von Stein＇${ }^{\text {\％}}$ | 4－8 | 10＂Purple flowers，large fuzzy leaves |  |  | 1.383 |  |  |


| Variety（Red＝New！） | Hardy <br> Zone | Common Name and Description | Big Burly ${ }^{\text {－Price }}$ |  |  |  | Royalty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2018 June－December |  | 2019 January－June （plants shipped $1 / 7 / 19$ to 4／19／19 are cold treated） |  |  |
|  |  |  | Junior 72 | Baby 128 | Big Burly 32 | Junior 72 |  |
|  |  | PAINTED DAISY／PYRETHRUM |  |  |  |  |  |
| de coccineum＇Radiant＇${ }^{\text {tm }}$ Series：＇Deep Pink＇ PPAF，＇Light Pink＇PPAF | 3－7 | 12－22＂Very showy，easy to grow，start blooming early spring and keep going，great compact habit that doesn＇t fall open，good cut flower |  |  | 2.540 |  | 0.200 |
| ＇Robinson＇s Giant Mix＇ | 3－7 | 18＂Red，pink，purple and white shades |  |  | 1.180 |  |  |
| TEUCRIUM \＃\＃ |  |  |  |  |  |  |  |
| e chamaedrys＇Tickle ${ }^{\text {TM }}$ Pink＇ | 3－8 | 8－10＂Pink，single flowers，semi－trailing，growth habit，medium vigor | 0.612 | 0.396 |  |  | 0.080 |
| TIARELLA－ |  | FOAMFLOWER |  |  |  |  |  |
| ee hybrida＇Pink Skyrocket＇PP13382 | 4－9 | 6＂Light shrimp－pink flowers above very serrated green foliage with dark leaf markings，burnished bronze fall color in full sun，deep shiny black foliage in shade | 1.458 |  |  |  | 0.150 |
| 2．＇Spring Symphony＇PP12397 | 4－9 | 7＂Profuse，light pink flowers mid－spring，compact green foliage＂painted＂with black along mid－rib | 1.458 |  |  |  | 0.100 |
|  |  | PIGGY BACK PLANT，YOUTH ON AGE |  |  |  |  |  |
| e．menziesii＇Cool Gold＇PP15948 | 6－9 | 12－18＂Soft cool，clear gold foliage retains its color throughout the season，（insignificant）maroon flower spikes in spring，fast growing，wonderful bright spot in the moist shade garden |  |  | 2.540 |  | 0.210 |
| TRITOMA（Kniphofia）乷學 |  | RED HOT POKER，TORCH LILY |  |  |  |  |  |
| hirsuta＇Fire Dance＇ | 4－9 | 20＂Coral red flower spikes，turning yellow，hardiest of the species |  |  | 1.210 |  |  |
| VERBASCUM 乷 S＜ |  | MULLEIN |  |  |  |  |  |
| hybrid＇Southern Charm＇ | 5－9 | 24－30＂Mix of apricot，cream and soft lavender flowers |  |  | 1.383 |  |  |
| VERBENA 桬 ${ }^{\text {d }}$ |  | ROSE VERVAIN |  |  |  |  |  |
| bonairiensis＇Finesse＇$\ll$ |  |  |  |  |  |  |  |
| $}$ | 7－11 | 36－48＂Abundance of magenta－purple blooms cover tall plants，great filler for borders also available in 125＇s and 210＇s，see page 17 |  |  |  | 0.776 |  |
| ea．＇Lollipop＇\｜ | 7－10 | 24＂Purple flowers，unique dwarf form with excellent flower canopy and shelf life |  |  | 1.332 |  |  |
| e．x．hybrida＇Homestead Purple＇ | 7－10 | 6－12＂Nicely spreading，blooms continuously until first frost |  |  | 1.332 | 0.776 |  |
|  |  | SPEEDWELL |  |  |  |  |  |
| ea peduncularis＇Georgia Blue＇ | 5－8 | 8＂Blue flowers，dense，gray－green foliage mats | 0.645 | 0.453 |  |  |  |
| ex．hybrida＇Purpleicious＇PP17639 | 4－8 | 20－24＂Tall，very vibrant purple－shaded flowers | 0.612 | 0.396 | 1.332 |  | 0.110 |
| ＇Sunny Border Blue＇\＆ 1993 Perennial Plant of the Year | 4－8 | 20＂Sturdy violet blue flower spikes | 0.645 | 0.453 | 1.383 |  |  |
| de．spicata＇Red Fox＇$<$ | 4－8 | 12＂Deep pink flower spikes | 0.645 | 0.453 | 1.383 |  |  |
| ee．＇Royal Candles＇PP18932 \＆ | 3－8 | 12－16＂Deep violet blue spikes，deep green foliage | 0.645 | 0.453 | 1.383 |  | 0.175 |
|  |  | VINCA VINE 2 CUTTINGS PER CELL |  |  |  |  |  |
| ee minor＇Bowles＇ | 3－9 | 6＂Sky blue flowers，thick glossy leaves mound densely around crown | 0.669 | 0.478 |  |  |  |
|  |  | VIOLET |  |  |  |  |  |
| ＇Halo’ Series：＇Lilac＇PP24542， <br> ＇Sky Blue＇PP24541，＇Violet＇PP24428 | 5－9 | 8－10＂Extra large bright flowers，great heat tolerance，no summer stretch | 0.571 | 0.355 |  |  | 0.060 |



## GARD EN

Stunning mixces, simplified production PREMIUM PERENNIAL COMBINATIONS

Instant solution for perfectly matched combinations
Liners arrive ready to transplant and finish together
Finish 12-14" combinations in 12-16 weeks
First-year flowering components bloom for 10-12 weeks at retail


## Lewisia Elise





## Bloomn Plugs

ANNUALS


Angelonia Alonia Bicolor Violet


Calibrachoa
Chameleon Starlet Pink


Geranium Reach Out White


Artemisia Makana Silver


Coleus Main Street Alligator Alley


Impatiens Lollipop Dragonfruit


Bacopa Betty Blue


Coleus PartyTime Pink Fizz


Lobularia Lilac Stream


Begonia Tophat Pink


Euphorbia Crystal White


Lobularia
Marineland Frosty Lavender


Bidens Doubloon


Fuchsia
Windchimes Upright Lilac Rose

Marigold Super Hero Spry



Nemisia Honey Bicolor Wine


Petchoa
SuperCal Premium Cinnamon


Salvia Cathedral Blue Bicolor


New Guinea Impatiens Wild Romance Red


Petunia Good and Plenty Red


Trifolium 4 Luck Red Stripes


Ornamental Kale
Yokohama White


Petunia
Sanguna Patio Radiant Dark Blue


Veronica Vernique Rose


Osteospermum Margarita Pink Flare


Petunia
Success $360^{\circ}$ Salmon Vein


Vinca Cora Cascade Shell Pink


Pentas Lucky Star Raspberry


Salvia Big Blue


Vinca Tattoo Papaya

## Bloomin Pluas

## Bloomin Plugs ${ }^{\circledR} 50$ Strips

## Annuals

## 51 cells sold as 50

e. All Vegatative Annuals; more varieties per shipment

- Size: 1.19 in. across x 1.62 in. deep 51 cells sold as 50
- Uses: 4, 6, or 8 in. pots, hanging baskets and containers
- Availability: $11 / 5 / 18$ thru 5/17/19. Please call for other dates
- Royalties are included in prices
- Tags: Where available, tags will be shipped from MasterTag and will arrive around the time of your plants - requests for no tags must be made at time of ordering. Tag cost includes tag freight. Please see tag column for availability.


## Bloomin Plugs ${ }^{\circledR} 210$ <br> 216 cells sold as 210

Our proven standard 1 in. seed plugs for faster turns or larger containers


- Size: 15/16 in. across x 1-1/2 in. deep 216 cells sold as 210
- Uses: Cut flower production, large cell packs, 4 in. pots, hanging baskets, pint, quart or other specialty containers
- Availability: Available year round except where noted
- Tags: Tags are not available through Gro ' $n$ Sell


## Bloomin Plugs ${ }^{\circledR} 125$

## 128 cells sold as 125

Seed grown pot and cut flower crops

- Size: 1-1/8 in. across x 2 in. deep 128 cells sold as 125
- Uses: 4 to 6 in. pots, hanging baskets and containers
- Availability: Available year round except where noted
- Tags: Tags are not available through Gro 'n Sell



## Bloomin Plugs ${ }^{\circledR} 280$

288 cells sold as 280
$3 / 4$ in. seed plugs - Slightly larger plug for improved spacing and growth

- Size: 3/4 in. across x 1 in. deep 288 cells sold as 280
- Uses: Large cell packs, 4 in. pots and above
- Availability: Available year round
- Tags: Tags are not available through Gro 'n Sell


## Bloomin Plugs ${ }^{\circledR} 375$

384 cells sold as 375
5/8 in. seed plugs - For efficient bedding plant and cut flower production

- Size: 5/8 in. across $\times 1$ in. deep 384 cells sold as 375
- Uses: Cell packs and small pots up to $3-1 / 2$ in.
- Availability: Available year round
- Tags: Tags are not available through Gro 'n Sell

| Variety（Red＝New！ | Common Name and Description | Lead Time In Weeks | Bloomin Plugs ${ }^{\text {Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
| ABUTILON 粱潥 | Please also see Specialty Section for Vegetative Abutilon，pg． 18 |  |  |  |  |  |  |  |
| Bella Select Mix | 14＂Compact，3＂outfacing blooms | 7 |  | 0.480 |  |  |  |  |
|  | CAT＇S TAILS |  |  |  |  |  |  |  |
| e pendula（Chenille）会 | 8－12＂Red cat＇s tail flowers，green foliage，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
|  | HUMMINGBRID MINT |  |  |  |  |  |  |  |
| ec hybrida＇Morello＇PPAF | 27＂Amazingly huge，dense inflorenscences of deep burgundy rose that bloom from spring through fall． Showy，dark foliage in cool temperatures | 8 | 0.640 |  |  |  |  | 0.06 |
| Poquito ${ }^{\text {Tw }}$ Series：Butter Yellow，Dark Blue， Lavender，Orange | 10－15＂Showy，large，dense flower spikes from spring to fall；disease and deer－resistant grey－green foliage | 8 | 0.640 |  |  |  |  | 0.06 |
| Sunrise ${ }^{\text {Tw }}$ Series：Blue，Red，Orange，Violet， White，Yellow | 18－24＂Brand new series！Fragrant foliage，great colors，works well in 4＂，6＂\＆combination planters | 8 | 0.670 |  |  |  |  | 0.06 |
|  | AGERATUM Please also see Specialty Section，pg． 16 |  |  |  |  |  |  |  |
| Aguilera ${ }^{\text {TM }}$ Series：Purple，Violet（ ） | 8－12＂Compact mounded habit，well branched，long flowering time | 6 | 0.520 |  |  |  |  | 0.06 |
| Blue Hawaii 5.0 | 6＂Performs well as a bedding plant or in mixed containers | 6 |  |  | 0.176 |  | 0.104 |  |
| e．Bumble ${ }^{\text {® }}$ Series：Blue，Rose，Silver，White（4） | Intense，non－browning flower power | 6 | 0.540 |  |  |  |  | 0.06 |
|  | JOSEPH＇S COAT |  |  |  |  |  |  |  |
| Choco Chill ${ }^{\text {® }}$ | Dark purple foliage combines well with almost anything for summertime combinations and baskets | 8 | 0.660 |  |  |  |  | 0.06 |
| Purple Prince 渻 | 10－16＂Durable carpet of ruby／burgundy foliage，compact | 7 |  | 0.550 |  |  |  |  |
| ALYSSUM 乷济 | SWEET ALYSSUM |  |  |  |  |  |  |  |
| Snow Crystals © | 4＂White tetraploid | 6 |  |  |  |  | 0.090 |  |
|  | SUMMER SNAPDRAGON |  |  |  |  |  |  |  |
| Alonia ${ }^{\text {Tw }}$ Series：Bicolor Violet，Pink Flirt， Snowball | 10－12＂Upright，compact，mounded，semi－trailing growth habit；vigorous growth． | 7 | 0.595 |  |  |  |  | 0.06 |
| Alonia ${ }^{\text {TM }}$ Big Series：Blue，Dark Pink，Indigo， Snow | Vigorous angelonia with large flowers and an attractive mounding habit | 7 | 0.595 |  |  |  |  | 0.06 |
| Angelos ${ }^{\circledR}$ Series：Bicolor，Blue，Blue \＆White， Lavender Pink，Sky Blue，White | 18－24＂Upright，well－branching，bicolor is very pretty white and purple mix | 7 | 0.575 |  |  |  |  | 0.06 |
| Carita ${ }^{\text {TM }}$ Series：Purple，Raspberry，White | 18－24＂Series upgraded，stronger stems，denser，more upright habit | 7 | 0.575 |  |  |  |  | 0.06 |
| Carita ${ }^{\text {TM }}$ Cascade Series：Deep Purple， Raspberry，White | 8－10＂Superb heat tolerance，semi－trailing habit，large flowers | 7 | 0.575 |  |  |  |  | 0.06 |
| e Mandiana | 10－12＂Blue，orchid－like flowers，dark green narrow leaves | 7 | 0.525 |  |  |  |  |  |
| Serena ${ }^{\circledR}$ F1 Series：Mix Imp．，Purple | 10－12＂Well－branching，carefree，continuous bloomer | 9 |  |  | 0.365 |  |  |  |
| Serenita ${ }^{\circledR}$ F1 Mix | 8＂－10＂Genetically compact，naturally shorter than Serena，no pinch | 9 |  |  | 0.365 |  |  |  |

## SYMBOL GUIDE

| SYMBOL CUIDE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 䏈 Sun | $\delta$ Cut Flower | \｜\} | Borders | 令 | Hanging Baskets | de | Vegetatively Propagated |  | Heat Tolerant |
| －Part Shade | 槹 Cool Crops |  | Combination Planters | （4） | AAS Winner |  | Attracts Butterflies \＆Hummingbirds |  |  |
| －Shade | 量 Pots | \＃ | Tolerates Dry Conditions | © | Fleuroselect |  | Ground Cover |  |  |

ANNUALS


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs ${ }^{\text {Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
| ANTIRRHINUM | Please see SNAPDRAGON, pgs. 17 and 82 |  |  |  |  |  |  |  |
|  | HEARTLEAF ICE PLANT |  |  |  |  |  |  |  |
| e Variegated | 6" Small, dark pink, daisy-like flowers on variegated, cream and green succulent leaves | 9 | 0.535 |  |  |  |  | 0.06 |
|  | MARGUERITE DAISY |  |  |  |  |  |  |  |
| A Beauty Yellow | 18-24" Early flowering, excellent branching, sun lover, spherical habit | 6 | 0.585 |  |  |  |  | 0.06 |
| e. Butterfly (1) | 12-18" Yellow, compact, semi-trailing | 6 | 0.490 |  |  |  |  | 0.06 |
| Comet ${ }^{\text {TM }}$ Series: Pink, Red, White Imp. | 12-24" Upright, mounding habit matched through series | 6 | 0.585 |  |  |  |  | 0.06 |
| Everest ${ }^{\text {m }}$ | 12-18" Pure, clear single white petals with big yellow centers, medium flowers, mounded habit | 6 | 0.585 |  |  |  |  | 0.06 |
|  | MAUI WORMWOOD |  |  |  |  |  |  |  |
| ee mauiensis 'Makana ${ }^{\text {TTM }}$ PPAF | 24" Soft, silvery foliage works great in a mixed container or in the ground; fast-growing, needs good drainage; deer resistant | 7 | 0.590 |  |  |  |  | 0.06 |
| ASTER | ASTER (Annual) Please see Specialty Section, pg. 16 |  |  |  |  |  |  |  |
|  | 2 cuttings per cell |  |  |  |  |  |  |  |
| 2. Atlas White (\%) | 4-8" Especially heat tolerant | 7 | 0.580 |  |  |  |  | 0.06 |
| Eetty ${ }^{\text {® }}$ Series: Dark Blue, Pink, White | 6-8" Best known for incredible heat performance, extra-large flowers cover the plant all season, $10-$ 12" spread | 7 | 0.635 |  |  |  |  | 0.06 |
| cahia Series: Lavender Blue, White, White Night | Trailing habit is great for hanging baskets and containers | 7 | 0.570 |  |  |  |  | 0.06 |
| de Big Falls ${ }^{\text {m" }}$ Series: Blue (formerly Summer Blue), Dark Blue, Dark Pink, White | 4-8" Big flowers, saturated colors, superb branching, short crop time | 7 | 0.590 |  |  |  |  | 0.06 |
| Calypso ${ }^{\text {TM }}$ Jumbo Series: Deep Lavender, Lilac, Pink Eye, Rose, White Imp. | 4-6" Eye-popping jumbo flowers, easy to grow, controlled habit, excellent branching | 7 | 0.580 |  |  |  |  | 0.06 |
| Scopia ${ }^{\otimes}$ Series: Golden Leaves White, Great Azure, Great Classic Pink, Great Pink Ring, Great White Imp., Gulliver Blue, Gulliver Blue Sensation, Gulliver Dynamic White, Gulliver Pink, Gulliver White | 4-8" Early and abundant flowering, ideal for cool climates, heat tolerant; Gulliver varieties have giant flowers | 7 | 0.610 |  |  |  |  | 0.06 |
| を Taifun ${ }^{\circledR}$ Mega White | 4-8" Giant single flowers, very vigorous yet compact | 7 | 0.580 |  |  |  |  | 0.06 |
|  | BOLIVIENSIS BEGONIA Please see also Specialty Section for more Begonias, pg. 19 and 21 |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { 'Mistral }{ }^{\text {Tw' }} \text { Series: 合 Dark Red, Orange, } \\ & \text { Pink, Yellow } \end{aligned}$ | 10-12" Large, eye-catching flowers, dark green foliage, excellent branching, great choice for hanging baskets, blooms all summer | 8 | 0.785 |  |  |  |  | 0.06 |


| Variety（Red＝New！） | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
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|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | BOLIVIENSIS BEGONIA Please see also Specialty Section，pgs． 19 and 21 |  |  |  |  |  |  |  |
| ＇Sun Cities＇F1 Santa Cruz 乷－留合 | 12－16＂Red－orange，bell－shaped flowers，competitive alternative to cuttings，easy to grow，low maintenance | 10 |  | 0.640 |  |  |  |  |
| BEGONIA semperflorens 潼號 | FIBROUS BEGONIA |  |  |  |  |  |  |  |
| Ambassador Series：Mix，Rose，Scarlet，White | 8＂Early green leaf | 10 |  |  | 0.193 |  | 0.112 |  |
| Cocktail ${ }^{\text {d }}$ Series：Gin，Mix，Vodka，Whiskey | 8－10＂Bronze leaf color，sun tolerant | 10 |  |  | 0.193 |  | 0.112 |  |
| de Doublet＂＇Series：Pink，Red，Rose，White | Unique double－flowered spring and summer plants，good for 6＂， 1 gallon and larger | 7 | 0.655 |  |  |  |  | 0.06 |
|  | TUBEROUS BEGONIAS Please see also Specialty Section，pgs． 19 and 21 |  |  |  |  |  |  |  |
|  Mix，Orange，Pink，Red，Yellow | 8＂Double flower，basal branching | 11 |  | 0.440 |  |  |  |  |
| Nonstop ${ }^{\text {Tw }}$ Joy Series：Mocca White，Yellow | 8－10＂Huge，double，vibrant flowers，unique semi－trailing habit，good branching | 11 |  | 0.490 |  |  |  |  |
| Nonstop ${ }^{\text {mw }}$ Mocca Series：量 Bright Orange，Deep Orange，Mix，Pink Shades，Red，Yellow | 10－12＂Fully double flowers，full，rounded plant habit means no＂bald＂spots，dark leaves enhance flowers | 11 |  | 0.440 |  |  |  |  |
|  | x．HYBRIDA BEGONIAS |  |  |  |  |  |  |  |
| BabyWing ${ }^{\text {th }}$ Series：Pink，White | 12－15＂Small Dragon Wing－shaped leaves；pink＝green leaf；white＝bronze leaf | 10 |  | 0.555 |  |  |  |  |
| BIG ${ }^{\text {T＂}}$ Series：業 Pink w／Green Leaf，Red w／Bronze Leaf，Red w／Green Leaf，Rose w／Bronze Leaf，Rose w／Green Leaf | 12－18＂Large，showy flowers above glossy bronze and green leaves | 10 |  | 0.555 |  |  |  |  |
| Dragon Wing ${ }^{\text {tw }}$ Series：Pink，Red | 15－20＂Angel wing type，heat and sun tolerant | 11 |  | 0.555 |  |  |  |  |
| Gryphon | 14－16＂Dark green and silver foliage with maroon undersides；vigorous growth | 11 |  | 0.750 |  |  |  |  |
| Megawatt ${ }^{\text {T }}$ F1 Series：Pink w／Bronze Leaf，Pink w／Green Leaf，Red w／Bronze Leaf，Red w／Green Leaf Imp．，Rose w／Bronze Leaf，Rose w／Green Leaf Imp． | 20－28＂Super－uniform and programmable，easy color from spring through fall；sturdy stems hold flowers above foliage for superior show | 10 |  | 0.555 |  |  |  |  |
| Tophat ${ }^{\text {m }}$ F1 Series：Pink，Scarlet，White | 16－20＂Extra－large flowers，first white in its class！Early finishing；bred for versatility，can be finished in 306 －packs up to large patio containers | 10 |  | 0.555 |  |  |  |  |
|  | BEGGARTICKS |  |  |  |  |  |  |  |
| Bee Giant Yellow | 12－14＂Huge flowers on naturally compact habit | 6 | 0.535 |  |  |  |  | 0.06 |
| de Beezar！Fire Wheel | Petals are yellow in the middle and fade into a brilliant red，looks like it was done with a paintbrush | 6 | 0.555 |  |  |  |  | 0.06 |
| ce Beezar！Funny Honey | Reddish orange petals have painted－looking yellow toward centers | 6 | 0.555 |  |  |  |  | 0.06 |
| e Bidy Gonzalez | Very early，large，daisy－type flower，controllable habit | 6 | 0.460 |  |  |  |  | 0.06 |
| Blazing ${ }^{\text {tm }}$ Fire | 12－14＂Large，yellow，orange centered flowers，compact，mounded，early | 6 | 0.555 |  |  |  |  | 0.06 |
| c．Blazing ${ }^{\text {mm }}$ Glory | 12－14＂Large，orange－yellow flowers，naturally compact，mounded，early | 6 | 0.555 |  |  |  |  | 0.06 |
| c．Cupcake Banana Cream | 8＂Unique cream and yellow bicolor，compact | 6 | 0.555 |  |  |  |  | 0.06 |
| de Doubloon | 4－6＂Golden show that lasts all summer，compact with medium yellow flowers，perfect for mixed containers | 6 | 0.575 |  |  |  |  | 0.06 |


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|  | BEGGARTICKS |  |  |  |  |  |  |  |
| Namid ${ }^{\text {dw }}$ Series: Compact Yellow, Early Yellow | 6-8" Excellent branching with short flower stems, great looking companion plant | 6 | 0.560 |  |  |  |  | 0.06 |
| e Popstar | Giant flowers on well-controlled plants, good for pots and baskets | 6 | 0.590 |  |  |  |  | 0.06 |
| e Popstar Red | Giant red flowers on well-controlled plants, good for pots and baskets | 6 | 0.590 |  |  |  |  | 0.06 |
| e Pretty in Pink ${ }^{\text {TM }}$ | Deep pink centers, ringed with light pink | 6 | 0.555 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| e Brasco ${ }^{\text {TM }}$ Violet | 8-12" Large, early flowers, medium growth | 8 | 0.690 |  |  |  |  | 0.06 |
| Outback Daisy Jumbo Mauve ${ }^{\text {TM }}$ | 8-12" Large flowers, free branching, mounding | 8 | 0.675 |  |  |  |  | 0.06 |
|  | STRAW FLOWER |  |  |  |  |  |  |  |
| Cottage ${ }^{\text {TM }}$ Series: Ice, Lemon, Pink, Yellow | Disease resistance and all-season durability, well matched for production, great mum partner | 7 | 0.655 |  |  |  |  | 0.06 |
| Mohave ${ }^{\text {TM }}$ Series: Apricot, Dark Red, Dark Rose, Orange, Purple Red, White '19, Yellow | 14-16" Early flowering, excellent garden and summer performance, brilliant colors, flowers above the foliage | 7 | 0.620 |  |  |  |  | 0.06 |
| ce Mohave ${ }^{\text {TM }}$ Basket Yellow | 10-12" Early flowering, great for baskets | 7 | 0.620 |  |  |  |  | 0.06 |
|  | FLOWERING CABBAGE |  |  |  |  |  |  |  |
| Color Up Series: Mix, Purple, Red, White | Rounded leaf | 5 |  | 0.300 |  |  |  |  |
| Osaka Series: Mix, Red, White | Wavy leaf | 5 |  | 0.300 |  |  |  |  |
|  | CALIBRACHOA |  |  |  |  |  |  |  |
| e Aloha Purple Sky | Large, bright purple flowers with dark centers, medium-vigorous, ideal for hanging basket production | 8 | 0.620 |  |  |  |  | 0.06 |
| de Aloha Tiki Series: Neon, Orange, Soft Pink 2019 | Large, bright, tropical flowers with dark centers, medium-vigorous, ideal for hanging basket production | 8 | 0.620 |  |  |  |  | 0.06 |
| ee. Aloha Kona Series: Blue Sky 2019, Hot Orange, Hot Pink, Midnight Blue, Pineapple, Sunshine 2019 | Large, bright, tropical colored flowers with a semi-upright, medium-compact habit, ideal for quarts up to hanging baskets | 8 | 0.620 |  |  |  |  | 0.06 |
| Aloha Kona Tiki Soft Pink 2019 | Large, light pink flowers with red centers, semi-upright, medium-compact habit, ideal for quarts up to hanging baskets | 8 | 0.620 |  |  |  |  | 0.06 |
| Aloha Nani Series: Dark Red, Golden Girl, Midnight Blue, Pink, Red Cartwheel (star pattern), Tropicana | Large, bright, tropical colored flowers with a semi-upright, compact habit, perfect for packs and quarts | 8 | 0.620 |  |  |  |  | 0.06 |
| e. Bloomtastic Pink Flare | Very vigorous, extra-large pink flowers with star-patterned centers, heat tolerant | 8 | 0.620 |  |  |  |  | 0.06 |


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|  | CALIBRACHOA |  |  |  |  |  |  |  |
| Cabrio ${ }^{\text {tw }}$ Series: Amethyst, Burgundy, Eclipse Lilac (light purple/dark purple center), Grape, Pink, Yellow | 4-8" Controlled, mounded habits work well in small pots and baskets, all colors flower consistently at 10.5 hours day length | 8 | 0.575 |  |  |  |  | 0.06 |
| Calibasket ${ }^{\text {tw }}$ Series: Corona (red/orange), Pink Doll, Racy Red, Radiant Orange, Sunny Side (white/ yellow center) | Perfect partners to Calitastics for fuller, bigger baskets, exceptionally uniform for sizing and earliness, making production planning a breeze | 8 | 0.580 |  |  |  |  | 0.06 |
| Calitastic ${ }^{\text {Tw }}$ Series: Indigo, Mango, Orange, Papaya, Plumberry Pop, Red Lips | Incredibly uniform in habit and flower timing, will flower under 11 hour days and in low light conditions. Upright, mounded | 8 | 0.580 |  |  |  |  | 0.06 |
| Callie ${ }^{\otimes}$ Series: Burgundy, Coral, Dark Red, Eclipse Lavender (light lavender/dark purple center), Gold w/ Red Eye, Light Blue, Mango, Orange, Pink Morn, Pink w/ Eye Imp., Purple Imp., Rose, Star Orange, Star Pink, White Imp., White Rose Vein, Yellow Imp. | $4-8$ " Big vigor, bold colors and continuous blooms from spring to fall; excellent choice for premium hanging baskets and mixed combinations | 8 | 0.575 |  |  |  |  | 0.06 |
| Candy Shop ${ }^{\text {tw }}$ Series: Candy Bouquet ${ }^{\oplus}$, Candy Crush, Fancy Berry, Grape Splash, Sweet Dreams | 6-10" Truly unique brushwork-pattern; fluorescent colors with accents of sunny yellow starbursts | 8 | 0.590 |  |  |  |  | 0.06 |
| Celebration ${ }^{\circledR}$ Chameleon Series: Atomic Orange, Berry Daring, Blueberry Scone, Cherry Banana, Fashionista, Indian Summer Imp., Lavender Sorbet Imp., Lemon Berry, Pink Diamond, Pink Passion, Pink Sorbet Imp., Starlet Pink, Sunshine Berry, Twinkled Pink | Plants continually change throughout the season, reacting to light levels, day length and other seasonal factors, unique blends of colors on single plants | 8 | 0.620 |  |  |  |  | 0.06 |
| Cruze Control ${ }^{\circledR}$ Series: Blue, Dark Blue, Giant Rose, Lemon, Orange, Pink, Red, Rose, Violet, White, Yellow | 6-10" Signature large flowers on short internodes have fantastic branching; they will bloom early in short days | 8 | 0.600 |  |  |  |  | 0.06 |
| ce Cruze Control ${ }^{\circledR}$ Delicious Series: Blueberry, Grape, Orange, Pink, Red, Yellow | 6-10" Signature large flowers with dark center rings stand out and add excitement to combinations | 8 | 0.600 |  |  |  |  | 0.06 |
| e. Hula Series: Hot Pink, Orange, Soft Pink | Large flowers with dark eye, work well in stand alone baskets or combinations | 8 | 0.600 |  |  |  |  | 0.06 |
| Le Lindura ${ }^{\circledR}$ Series: Dark Blue, Light Blue, Neon, Orange, Pink, Purple, Red, White, White Yellow Heart, Yellow | A naturally compact series, little pinching required, early flowering and uniform | 8 | 0.580 |  |  |  |  | 0.06 |
| Lindura ${ }^{\circledR}$ Cosmos Series: Hot Pink, Neon, Strawberry | Cosmos sub-series, incredibly unique colors, uniform, compact, mounding habit. | 8 | 0.580 |  |  |  |  | 0.06 |
| © MiniFamous ${ }^{\circledR}$ Neo Series: Apricot Strike, Blue (formerly Compact Blue), Coral + Red Eye, Deep Yellow, Light Blue, Light Pink + Eye (formerly MF Light Pink + Eye), Orange Red Eye, Pink, Pink Strike, Purple, Rose, Royal Blue, Salmon Pink + Eye, Vampire, Violet Eye, White, White + Yellow Eye, Yellow, Yellow Red Vein | 10-16" Uniform, semi-trailing habit, medium vigor, early flowering time; large blooms in a wide range of colors. Ideal for basket and mixed container programs | 8 | 0.570 |  |  |  |  | 0.06 |

ANNUALS

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|  | CALIBRACHOA |  |  |  |  |  |  |  |
| MiniFamous ${ }^{\circledR}$ Neo Double Series: Amethyst (formerly Double Amethyst), Blue (formerly Double Blue), Lemon (formerly Double Lemon), Pink (formerly Double Pink), Purple (formerly Double Purple), Silver Blue (formerly Double Silver Blue) | 10-16" Double flowers; uniform, semi-trailing habit, medium vigor, early flowering time; large blooms in a wide range of colors. Ideal for basket and mixed container programs | 8 | 0.620 |  |  |  |  | 0.06 |
| © MiniFamous ${ }^{\oplus}$ Standard Series: Orange (formerly MF Orange), Pure Yellow (formerly MF Pure Yellow) | 10-15" Proven performers for years, these varieties have put - and kept - MiniFamous on the North American map | 8 | 0.570 |  |  |  |  | 0.06 |
| MiniFamous ${ }^{\circledR}$ Standard Double Series: Apricot (formerly Double Apricot), Deep Yellow (formerly Double Deep Yellow), Magenta (formerly Double Magenta), Pink Vein (formerly Double Pink Vein) | 10-15" Proven performers for years, these double varieties have put - and kept - MiniFamous on the North American map | 8 | 0.570 |  |  |  |  | 0.06 |
| © MiniFamous ${ }^{\oplus}$ Uno Series: Blue, Orange, Pink, Pink Strike, Red, Yellow, Yellow + Red Vein (formerly Neo Yellow + Red Vein), White | 8-14" Early to flower, medium-compact, classic colors and novel flower forms; grows well in quart and gallon containers | 8 | 0.570 |  |  |  |  | 0.06 |
| ea MiniFamous ${ }^{\circledR}$ Uno Double Series: Close Up (formerly Double Compact Close Up), Chiffon (formerly Double Compact Chiffon), Lemon (formerly Double Compact Lemon), Light Pink (formerly Double Compact Pink), PinkTastic (F), Red (formerly Double Compact Red), Rose Chai (formerly Double Compact Rose Chai), White (formerly Double Compact White) | 8-14" Double flowers; early to flower, medium-compact, classic colors and novel flower forms; grows well in quart and gallon containers | 8 | 0.570 |  |  |  |  | 0.06 |
| ie. MiniFamous ${ }^{\ominus}$ Uno Star Series: Apricot (formerly StarShine Apricot), Raspberry (formerly StarShine Cherry), Pink (formerly StarShine Pink), Violet (formerly StarShine Violet) | 8-10" Grower-friendly novelty series has a stable, WOW star pattern, strong greenhouse and garden performance, truly striking in hanging baskets | 8 | 0.620 |  |  |  |  | 0.06 |
| Noa ${ }^{\text {TM }}$ Series: Almond Blossom, Cherry, Dark Red, Deep Purple, Happy Pink, Lemoncello, Mega Magenta, Mega Pink, Mega Violet, Red Wine, Sunlight, Sunset, Violet | 6-8" Early flowering under short days, flowers early in morning, strongly branched, compact, semi-trailing; recommended for premium baskets | 8 | 0.600 |  |  |  |  | 0.06 |
| Noa ${ }^{\text {TM }}$ Series: Apricot, Banana, Blue Legend, Dark Pink Carnival, Papaya, Peach, Red Imp., Snow, Ultra Purple, Yellow | 6-8" Early flowering under short days, flowers early in morning, strongly branched, compact, semi-trailing; recommended for small pots and compact baskets | 8 | 0.600 |  |  |  |  | 0.06 |
| e Volcano Series: Gold, Neon | Large flowers with fully star patterns, work well in stand alone baskets or combinations | 8 | 0.620 |  |  |  |  | 0.06 |


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|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | WOOLLY BEAUTY-HEADS |  |  |  |  |  |  |  |
| brownii 'Bed Head' | 8" Silvery foliage is an excellent accent for all types of mixed containers, does not compete with other items; can also be dried; first calocephalus from seed | 9 |  | 0.680 |  |  |  |  |
| CELOSIA 瀿 | CELOSIA Please also see Specialty Section, pg. 16 |  |  |  |  |  |  |  |
| plumosa Bright Sparks Series: Burgundy, Deep Rose, Scarlet, Yellow | 14-18" Large plumes, very well-branched habit, great heat tolerance, bloom size on secondary flowers matches intial flower | 5 |  |  | 0.178 |  |  |  |
| Kelos Fire Series: Pink, Purple, Red, Scarlet Imp., Yellow | 12-14" Beautiful big plumes in many fiery colors, day neutral | 7 | 0.670 |  |  |  |  | 0.06 |
| CLEOME 乷 | CLEOME |  |  |  |  |  |  |  |
| e. Clementine ${ }^{\text {TM }}$ Series: Blush, Pink, Violet | 24-30" Very strong branching, compact; very early | 7 | 0.675 |  |  |  |  | 0.06 |
| de Clio ${ }^{\text {tw }}$ Series: Magenta, Pink Lady | 18-24" Excellent branching, strong upright structure, dark foliage, sterile, non-stick leaves, new color! | 7 | 0.685 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| Alabama Sunset | 12-24" Lime with deep red splashes | 6 | 0.480 |  |  |  |  | 0.06 |
| Color Clouds ${ }^{\text {m] }}$ Valentine | 10" Reddest trailing coleus ever! Almost no lime margin | 6 | 0.570 |  |  |  |  | 0.06 |
| de Dipt in Wine | 20" Crimson, yellow base, lime-green edges | 6 | 0.480 |  |  |  |  | 0.06 |
| Electric Slide | 23" Canary-yellow leaves with red veins and ruffled emerald edge | 6 | 0.570 |  |  |  |  | 0.06 |
| Fishnet Stocking | 12-18" Lime green foliage with dark burgundy veins on entire leaf | 6 | 0.480 |  |  |  |  | 0.06 |
| ce Gay's Delight | 12-24" Lime green with red-purple veins | 6 | 0.480 |  |  |  |  | 0.06 |
| ca Great Falls Series: | 6-10" New series of trailing coleus, small foliage, controlled habit, slow to flower, if at all |  |  |  |  |  |  |  |
| de Angel Falls | Cherry red leaves surrounded by dark burgundy, then edged with yellow | 6 | 0.535 |  |  |  |  | 0.06 |
| (e) Iguazu Falls | Burgundy leaves with yellow edges | 6 | 0.535 |  |  |  |  | 0.06 |
| de Niagara Falls | Deep burgundy with green edges | 6 | 0.535 |  |  |  |  | 0.06 |
| ce. Yosemite Falls | Bright green with red veins, yellow centers | 6 | 0.535 |  |  |  |  | 0.06 |
| de Kingswood Torch | 24-36" Dark burgundy leaves with bright red centers, subtle lime green edges | 6 | 0.480 |  |  |  |  | 0.06 |
| Kong ${ }^{\text {® }}$ Series: Lime Sprite, Mix, Red, Rose | 18-22" Extremely large leaves, bright greens, reds, creams, colorful shade alternative | 7 |  | 0.445 |  |  |  |  |
| Kong Jr. ${ }^{\text {rw }}$ Mix | 18-24" Packs even more color onto a sturdier plant, leaves are 30\% smaller than Kong | 7 |  |  | 0.335 |  |  |  |
| 8. Main Street ${ }^{\text {tw }}$ Abbey Road | 14-16" Light green distinctive dark veins | 6 | 0.535 |  |  |  |  | 0.06 |
| de Alligator Alley | Burgundy with hot pink veins, lime green edges | 6 | 0.535 |  |  |  |  | 0.06 |
| ia Broad Street | Red/purple, chartreuse veins and edges | 6 | 0.535 |  |  |  |  | 0.06 |
| ce. Chartres Street | 18-22" Chartreuse, darker veins | 6 | 0.535 |  |  |  |  | 0.06 |
| (e. Dutch Mill Drive | 24-28" Green lobed leaves, thick yellow edges | 6 | 0.535 |  |  |  |  | 0.06 |
| ce. Fifth Avenue | 28-30" Hot pink, burgundy, edged with chartreuse | 6 | 0.535 |  |  |  |  | 0.06 |
| ce La Rambla | Light green, thick pink veins, thin burgundy veins | 6 | 0.535 |  |  |  |  | 0.06 |
| da Michigan Avenue | 28-34" Mottled burgundy and green, green edges | 6 | 0.535 |  |  |  |  | 0.06 |

## Bloomin Plugs

ANNUALS

| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  |  |  |  |  |  |  |  |  |
| de Ocean Drive | Hot pink centers, red mid-leaves, lime green edges | 6 | 0.535 |  |  |  |  | 0.06 |
| de Oxford Street | 12-14" Red/deep red, thick yellow edges | 6 | 0.535 |  |  |  |  | 0.06 |
| River Walk | 18-22" Mottled chartreuse and green | 6 | 0.535 |  |  |  |  | 0.06 |
| Re Rodeo Drive | 26-28" Lobed green leaves edged in deep purple | 6 | 0.535 |  |  |  |  | 0.06 |
| de Ruby Road | Hot pink centers surrounded with burgundy and green veined and scalloped edges | 6 | 0.535 |  |  |  |  | 0.06 |
| Sunset Boulevard | 16-20" Purplish-green, splotches of salmon and hot pink | 6 | 0.535 |  |  |  |  | 0.06 |
| Wall Street | 20-24" Dark orange, purple veining, a few splashes of green | 6 | 0.535 |  |  |  |  | 0.06 |
| Marrakesh | 16" Impeccable mounding habit, beautifully marked leaves of deep red and yellow | 6 | 0.570 |  |  |  |  | 0.06 |
| ce Party Time Series: Lime, Pink Berry | 6-12" Trailing, compact, heat tolerant; lime = yellow with green margins, pink berry = red with pink centers and green margins | 6 | 0.560 |  |  |  |  | 0.06 |
| Party Time Series: Pink Fizz, Ruby Punch | 12-18" Semi-mounding, compact, heat tolerant; pink fizz = magenta leaves with red splotches and green margins, ruby punch = similar to pink fizz with thinner leaves | 6 | 0.560 |  |  |  |  | 0.06 |
| Peter's Wonder | 12-24" Upright, pink, violet, green, yellow | 6 | 0.480 |  |  |  |  | 0.06 |
| Rustic Orange | 20" Upright, rusty orange leaves, yellow edges | 6 | 0.480 |  |  |  |  | 0.06 |
| Stained Glassworks ${ }^{\text {tm }}$ Big Blonde | 12-24"+ Landscape, gold leaves, red edges | 6 | 0.570 |  |  |  |  | 0.06 |
| Burgundy Wedding Train | 6-10" Trailing, burgundy leaves, green edges | 6 | 0.570 |  |  |  |  | 0.06 |
| ce Copper | 10-18" Compact, mounding | 6 | 0.570 |  |  |  |  | 0.06 |
| ca Crown Jewel | 8-14" Large red leaves outlined in yellow; color grows more vivid in some sun | 6 | 0.570 |  |  |  |  | 0.06 |
| Defiance | 12-24" Landscape, red with yellow edging | 6 | 0.570 |  |  |  |  | 0.06 |
| e Eruption | 12-24" Landscape, cream, green and red | 6 | 0.570 |  |  |  |  | 0.06 |
| ce Golden Gate | Dark burgundy centers, red middles, golden edges | 6 | 0.570 |  |  |  |  | 0.06 |
| (e) Kiwi Fern | 10-18" Novelty, maroon and yellow lobed leaves | 6 | 0.570 |  |  |  |  | 0.06 |
| Le Luminesce | 10-18" Hot Pink ridged with purple, green | 6 | 0.570 |  |  |  |  | 0.06 |
| a Molten Lava | 12-24" Landscape, burgundy and red | 6 | 0.570 |  |  |  |  | 0.06 |
| ce Presidio | Red with dark red veins, golden edges | 6 | 0.570 |  |  |  |  | 0.06 |
| Re Raspberry Tart 潆 | 16-24" Chocolate margin, magenta center, scalloped olive green edges | 6 | 0.570 |  |  |  |  | 0.06 |
| de Royalty | Hot pink centers surround by red, dark purple outer | 6 | 0.570 |  |  |  |  | 0.06 |
| Te TiltA Whirl | 12-24" Novelty, yellow, red with pointy edges | 6 | 0.570 |  |  |  |  | 0.06 |


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|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | COLEUS |  |  |  |  |  |  |  |
| Stained Glassworks ${ }^{\text {TM }}$ Trailing Monarch $\frac{1}{\text { - }}$ | 6-10" Trailing, red, green edges | 6 | 0.570 |  |  |  |  | 0.06 |
| te. Trailing Plum 会 | 6-10" Trailing, burgundy, red, yellow, green | 6 | 0.570 |  |  |  |  | 0.06 |
| Wizard $^{\text {TM }}$ Mix | 12-18" Medium-large leaves | 7 |  |  | 0.175 |  |  |  |
|  | CONVOLVULUS |  |  |  |  |  |  |  |
| ece Early Blue | 10-14" Mounding upright plants, easy care, clear blue flowers, drought and heat tolerant, good for combos | 8 | 0.540 |  |  |  |  | 0.06 |
| 2. Prime White | 10-14" Mounding upright plants, easy care, attractive white blooms, drought and heat tolerant, good compliment in combos | 8 | 0.540 |  |  |  |  | 0.06 |
|  | COSMOS Please also see Specialty Section, page 16 |  |  |  |  |  |  |  |
| Apollo Formula Mix F1 | 18-26" Large (4") deep magenta, light pink and white mix, high quality petals; naturally dwarf, short internodes | 5 |  |  |  | 0.155 |  |  |
| Casanova Maxi Mix | 10-14" 4 colors including unique red; genetically compact, uniform, easy to grow | 5 |  |  |  | 0.155 |  |  |
| 2. New Choco | 12-20" Deep brown medium single flower, nice fragrance | 9 | 0.790 |  |  |  |  | 0.06 |
|  | CROSSANDRA |  |  |  |  |  |  |  |
| Orange | 12-24" Mounding, shiny green foliage, excellent heat and humidity tolerance, open genetic | 9 | 0.585 |  |  | 0.155 |  | 0.06 |
| Orange Marmalade | 12-24" Upright, mounding, glossy green foliage, heat and humidity tolerant | 9 | 0.760 |  |  |  |  | 0.06 |
|  | MEXICAN HEATHER |  |  |  |  |  |  |  |
| hybrid 'FloriGlory ${ }^{\text {® }}$ Series: Alonso, Diego, Miguel | Latino names; very large-flowered, work great in the landscape | 7 | 0.570 |  |  |  |  | 0.06 |
| hybrid 'FloriGlory ${ }^{\circledR}$ Series: Diana (A), Maria, Selena, Sofia | Latina names; multifloriferous, up to 5X the flower power of others, excellent for bedding | 7 | 0.570 |  |  |  |  | 0.06 |
| e hyssopifolia 'Purple' - | 12-24" Upright, mounding, glossy green foliage, heat and humidity tolerant 2 cuttings per cell | 7 | 0.500 |  |  |  |  | 0.06 |
| e ignea | 12-18" Tubular flowers are reddish-orange with a white-rimmed tip, bushy habit | 7 | 0.500 |  |  |  |  | 0.06 |
|  | DAHLIA |  |  |  |  |  |  |  |
| de. City Lights ${ }^{\text {™ }}$ Series: Golden Yellow, Lavender Pink, Purple, Red $\Subset$ | 16-18" Dark-leafed garden dahlia comes from Dalaya breeding. Bold, bicolor blooms last all season long and contrast very well with dark foliage; great branching | 6 | 0.615 |  |  |  |  | 0.06 |
| ea Dahlinova ${ }^{\circledR}$ Series: Alabama (yellow), California (yellow/red), Carolina (red), Carolina Burgundy, Carolina Orange, Florida (white/purple), Lisa Burgundy, Lisa Dark Pink, Lisa White, Montana (yellow), New York (dark pink/white), Texas (pink/salmon) | 8-12" Medium flower size, little need for PGR's, uniform flowering, flowers constantly - not in flushes, great branching, complete color range, great for $4-5$ " pots | 6 | 0.615 |  |  |  |  | 0.06 |
| © Dahlinova Hypnotica ${ }^{\circledR}$ Series: Bronze Bicolor, Coral, Dark Night, Electric Pink, Gold, Icarus, Lavender, Orange, Pink, Pink Bicolor, Purple Bicolor, Red 2019, Red Velvet, Rose Bicolor, Tequila Sunrise, Tropical Breeze (pink/yellow), White 2019, Yellow 2019 | 12-16" Large flowers on uniform, vigorous, well-branched plants, use minimum 6" pots | 6 | 0.760 |  |  |  |  | 0.06 |


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | DAHLIA |  |  |  |  |  |  |  |
| Dalaya Series: Pink + Lemon, Pink + Rose Eye, Pink + White, Pink + Yellow Eye, Red, Red + White, Red + Yellow Eye, Yellow, Yellow + Red Eye | 16-18" More exotic varieties in Selecta's Dalaya series, awesome retail appeal, medium vigor, excellent branching, exceptional habit, mildew resistant | 6 | 0.630 |  |  |  |  | 0.06 |
| Figaro Mix © | 12-15" Original field grown mix, semi-double and fully double flowers | 5 |  |  | 0.200 |  |  |  |
| Painter ${ }^{\text {m/ }}$ Series: Berry Impressions (magenta/white splatters), Pink Kisses (white/purple-pink tips), Romantic France (hot pink, dark magenta stripes), Sunfire (light bronze/ red stripes) | 24" Large (4") double blooms painted in a variety of fashion colors, flamboyant series; strong compact habit | 6 | 0.730 |  |  |  |  | 0.06 |
| Starsister ${ }^{\otimes}$ Series: Crimson Picotee, Flamed Rose, Pink Picotee, Purple Stripes Imp., Red + White, Red Stripes, Rose + White 2019, Scarlet + Yellow, Yellow Daffodil, Yellow Stripes | 12-16" Cheerful, bright and clear bicolors, use larger pots - $6-7$ " is best, striking display | 6 | 0.655 |  |  |  |  | 0.06 |
| XXL Series: Alamos (red-orange), Baja Sol (yellow/ orange stripes), Chiapas (magenta), Durango (yellow), Hidalgo (yellow-orange), Mayo Imp. (white), Merida (bright pink/cream edges), Paraiso (rosy pink), Sunset (orange/yellow center), Tabasco (orange-red/thin yellow stripes), Taxco (red), Veracruz (pinkyellow center) | Extra large, bi-colored flowers, controllable habit, excellent heat tolerance and garden performance | 6 | 0.760 |  |  |  |  | 0.06 |
| DIANTHUS | PINKS, SWEET WILLIAM, CARNATION Please see Specialty Section, page 16 |  |  |  |  |  |  |  |
|  | 2 cuttings per cell |  |  |  |  |  |  |  |
| e. Piccadilly ${ }^{\text {T/ }}$ Series: Dark Orange, Pink | 7-9" Compact plants have large flowers that make a lovely display on short stems | 7 | 0.605 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| Silver Falls | 2-3" Small, silver leaves, trailing 36-48" | 8 |  | 0.545 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Mezoo Trailing Red | 6-8" Vigorously trailing, succulent foliage accented by dime-sized rose-red flowers | 9 | 0.635 |  |  |  |  | 0.06 |
| DUSTY MILLER 濦 | DUSTY MILLER |  |  |  |  |  |  |  |
| Silverdust | 12-14" Silver divided leaves | 7 |  |  | 0.198 |  | 0.104 |  |
| EUCALYPTUS | EUCALYPTUS Please see Specialty Section, pg. 16 |  |  |  |  |  |  |  |


| Variety（Red＝New！） | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  |  |  |  |  |  |  |  |  |
| Crystal White | 8－12＂Sparkling white，non－stop flowers | 8 | 0.610 |  |  |  |  | 0.06 |
| 2．Hip Hop | 12－14＂Great for combinations | 8 | 0.590 |  |  |  |  | 0.06 |
| de Star Dust Super Flash | Clouds of tiny white flowers add texture to beds and containers | 8 | 0.585 |  |  |  |  | 0.06 |
| e White Manaus | 12－14＂Great for combinations，larger than＇Hip Hop＇ | 8 | 0.565 |  |  |  |  | 0.06 |
| FELICIA |  |  |  |  |  |  |  |  |
| e．Felicity Blue | 12－18＂Periwinkle blue daisies with yellow centers above fine textured foliage，nice upright form，airy charm | 7 | 0.585 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| Aetes Series：President George Bartett（pink／ purple），Upright Arroyo Grande（red／white），Upright Jollies Nantes（red／purple） | Early flowering，compact，very grower－friendly | 8 | 0.550 |  |  |  |  | 0.06 |
| ie Autumnal | 10－12＂Red／purple flowers，gold leaves with flush of orange and purple | 8 | 0.500 |  |  |  |  | 0.06 |
| Bellinto Series：Red Blue，Red White | 10－16＂Mounding spreading habit，day－neutral easy to grow plants，for gallons \＆large baskets | 8 | 0.550 |  |  |  |  | 0.06 |
| －Blue Eyes | 8－16＂Red／blue double，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| ce．Dark Eyes 会 | 8－16＂Red／deep purple double，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| 2．Dollar Princess 会 | 12－20＂Red／blue double，half trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| ie Gartenmeister | 20－28＂Orange／bright orange long single flower，upright，red foliage | 8 | 0.500 |  |  |  |  | 0.06 |
| Giant Blacky | 8－12＂Pink／black big double，half trailing | 8 | 0.600 |  |  |  |  | 0.06 |
| Marinka | 8－12＂Red／magenta double，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| Quasar | 12－20＂White／purple double，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| Sunbeam Series：澲 Ernie（red／white）， Lambada（pink／dark fuchsiia），Samba（red／avender） | 12－20＂Single，upright，compact，sun \＆heat tolerant | 8 | 0.570 |  |  |  |  | 0.06 |
| Swingtime | 8－16＂Red／white double，trailing | 8 | 0.500 |  |  |  |  | 0.06 |
| Windchimes ${ }^{\circledR}$ Basket Series：Dark Eyes，Double Dark Eyes，Double Pink／Lilac，Neon／White，Pink／Lilac， Red／White，Rose／Purple | 8－14＂Early flowers，uniform；large，sturdy plants，great colors，good heat tolerance，good in shady mixed and mono baskets | 8 | 0.600 |  |  |  |  | 0.06 |
| Windchimes ${ }^{\oplus}$ Upright Series：Lilac／Rose，Neon／ White，PinkLLilac，Red／White，Rose／Purple，White／ White | 10－16＂Early flowers，uniform，upright；large，sturdy plants，great colors，good heat tolerance，good in shady mixed containers | 8 | 0.600 |  |  |  |  | 0.06 |
|  | MULTI－VARIETY PLUGS BY PAN AMERICAN SEED |  |  |  |  |  |  |  |
| Blueberry Lime Jam | Petunia Sophistica Lime Green；Petunia Dreams Midnight | 6 |  | 0.428 |  |  |  |  |
| Pleasantly Blue | Petunia Dreams Midnight；Petunia Daddy Blue | 6 |  | 0.428 |  |  |  |  |
| Strawberry Wine | Petunia Daddy Red；Petunia Dreams Red；Petunia Easy Wave Shell Pink | 6 |  | 0.595 |  |  |  |  |

## BLoomn Pluas

| Variety（Red＝New！ | Common Name and Description | Lead Time In Weeks | Bloomin Plugs ${ }^{\text {Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | BEEBLOSSOM |  |  |  |  |  |  |  |
| ec．Bantam ${ }^{\text {® }}$ Series：Pink，White | 10－14＂Compact flower stems on tidy mounded plants，hardy to zone 5 | 7 | 0.680 |  |  |  |  | 0.0875 |
| re．Belleza ${ }^{\text {Tw }}$ Series：Compact Light Pink $\frac{\text { ® }}{\mathbf{V}}$ ，Dark Pink，White | 10－16＂Excellent branching，short flower stems，great companion plant | 7 | 0.605 |  |  |  |  | 0.06 |
| ec．Gauriella Bicolor | 12－18＂One－of－a－kind intense bicolor pattern．Great component for upscale patio containers | 7 | 0.660 |  |  |  |  | 0.06 |
| ece Silver Fountain（Walberton） | 24＂Profusions of sterile clear white blooms，exceptionally long flowering period，stable and highly variegated green and white foliage | 7 | 0.930 |  |  |  |  | 0.06 |
| GAZANIA 乷量奨 | GAZANIA |  |  |  |  |  |  |  |
| New Day ${ }^{\circledR}$ F1 Mix | 10－12＂Early，free－flowering | 6 |  |  | 0.198 |  |  |  |
| GERANIUM 浸童 |  |  |  |  |  |  |  |  |
| Maverick ${ }^{\text {TM }}$ Series：Mix，Red | 14－16＂Ideal for high density mass production，open habit allows sunlight in | 6 |  |  | 0.265 |  |  |  |
| Pinto ${ }^{\text {TM }}$ Premium Deep Red | 14－16＂For 4－6＂pots | 6 |  |  | 0.265 |  |  |  |
| Reach Out Series：Hot Pink，Light Purple，Lilac Bicolor，Pink，Red，White | 6－8＂Brand new series of F1 Ivy Leaf Geranium，early to flower，compact habit，short internodes； produces a full canopy of flowers without getting tangled in production | 7 |  | 0.570 |  |  |  |  |
| GERBERA 桬童 | GERBERA Please see also Specialty Section，pgs． 12 and 18 |  |  |  |  |  |  |  |
| Bengal ${ }^{\text {T＂}}$ F1 Series：Orange w／Eye，Red w／Eye， Rose w／Eye，Yellow w／Eye | 10－12＂Great for 6＂，gallons and larger，use for patio gardening and indoor decorating | 8 |  | 0.645 |  |  |  |  |
| Jaguar ${ }^{\text {m }}$ F1 Series：Deep Orange，Mix，Pink，Red， Yellow，Yellow w／Dark Center | 8－10＂Early，high bloom count， 4 1／2－5＂pots | 8 |  | 0.625 |  |  |  |  |
| Majorette Series：Blazing Eyes（mix of Yellow \＆ Orange），Bright White Dark Eye，Mix，Orange Dark Eye，Pink Halo，Red Dark Eye，Sunset Orange，Yellow Dark Eye | 8－10＂Marketed as the most uniform gerbera series ever，very uniform，abundant stems and fully saturated，long－lasting flowers make for irresistable retail appeal | 8 |  | 0.615 |  |  |  |  |
| Mega Revolution ${ }^{\text {TM }}$ Select F1 Mix | For larger containers（6＂and up），bushy plants，flowers approximately 20\％larger than standard Revolution | 8 |  | 0.615 |  |  |  |  |
| Revolution ${ }^{\text {TM }}$ F1 Mix | Good in 4＂pots and garden，early | 8 |  | 0.615 |  |  |  |  |
| Royal ${ }^{\text {TM }}$ F1 Formula Mix | 10－14＂Early flowering，eye－catching，large flowers in bright colors，dark green foliage | 8 |  | 0.615 |  |  |  |  |
| Sundayz ${ }^{\circledR}$ F1 Maxi Mix | Large，3－4－1／2＂bold colored flowers，quick flowering，easy to schedule；suitable for outdoor use－patios，terraces，balconies；best in $4-1 / 2^{\prime \prime}-6^{\prime \prime}$ pots | 8 |  | 0.615 |  |  |  |  |
| Sundayz ${ }^{\circledR}$ F1 Midi Berries \＆Cream | 3－3－1／2＂super bright colored flowers，quick flowering，easy to schedule；suitable for outdoor use－patios，terraces，balconies；best in 4＂－ 5 ＂pots | 8 |  | 0.615 |  |  |  |  |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
| GOMPHRENA 楽 | GLOBE AMARANTH Please also see Specialty Section, pg. 16 |  |  |  |  |  |  |  |
| de Pinball Purple | 12-18" Strong mounding habit and vibrant color and proven landscape performance, exceptional heat and drought tolerance | 8 | 0.655 |  |  |  |  | 0.06 |
|  | HELICHRYSUM |  |  |  |  |  |  |  |
| ce Silver Leaf | 12-20" Silver foliage, trailing | 7 | 0.575 |  |  |  |  | 0.06 |
| ce Silverstar | 8-12" Delicate look, yet extremely durable. Fantastic accent as it integrates into container combos 2 cuttings per cell | 7 | 0.685 |  |  |  |  | 0.06 |
| de Silver Threads | 10-12" Nice spread, good branching, excellent for combinations; medium-sized, flat, needle-like foliage has soft, silvery color | 7 | 0.575 |  |  |  |  | 0.06 |
| ce Variegata | 12-20" Yellow, green and white, half trailing | 7 | 0.575 |  |  |  |  | 0.06 |
|  | BORAGE, CHERRY PIE |  |  |  |  |  |  |  |
| ce Fragrant Delight | 15-18" Intensely fragrant, flowers open as a deep purple and fade to lavender | 7 | 0.540 |  |  |  |  | 0.06 |
| ce Marino ${ }^{\text {m/ }}$ Blue | 12-16" Very fragrant, medium-to-high vigor, easy to grow | 7 | 0.605 |  |  |  |  | 0.06 |
| ce Scentropia ${ }^{\text {tm }}$ Dark Blue | 12-16" Intense dark blue flowers, fragrant | 7 | 0.625 |  |  |  |  | 0.06 |
|  | IMPATIENS |  |  |  |  |  |  |  |
| Accent ${ }^{\text {m/ }}$ Premium Series: Mix, Pink, Red, White | Improved for easier production with more uniform flowering and a better branching habit | 7 |  |  |  | 0.137 |  |  |
| Lollipop Series: Bubblegum (Pink), Cherry (Red), Coconut (White), Dragon Fruit (Lipstick), Peach (Salmon), Pink Lemonade (Light Pink), Tangerine (Deep Salmon) | 8-10" Uniform series, excellent branching, intense colors, no stretching | 7 |  |  |  | 0.137 |  |  |
| Super Elfin' ${ }^{\text {TM }}$ Lipstick | 8-10" Dwarf, mounded, upright growth, uniform and very floriferous, shade tolerant, low maintenance, blooms all season | 7 |  |  |  | 0.137 |  |  |
| Super Elfin ${ }^{\text {T" }}$ XP Series: Formula Mix, White | 10" Stronger garden performer, earlier to flower, larger blooms. | 7 |  |  |  | 0.137 |  |  |
|  | IMPATIENS DOUBLE |  |  |  |  |  |  |  |
| re Musica ${ }^{\oplus}$ Series: Bicolor Cherry, Bicolor Dark Red, Electric Purple, Pink Aroma, Pure White | Spectacular double flowers in a wide range of colors, branched, compact growth, uniform habit in series, no pinching needed, great for semi-shaded areas | 6 | 0.560 |  |  |  |  | 0.06 |
| de Silhouette ${ }^{\text {Tw }}$ Series: Appleblossom, Cherry, Purple, Red, Rose Star, Salmon, White | 10-14" Fully double blooms sit above the foliage, bred for uniform growth habit and early flowering | 6 | 0.575 |  |  |  |  | 0.06 |
|  | IMPATIENS HYBRIDA |  |  |  |  |  |  |  |
| ce Big Bounce ${ }^{\text {TM }}$ Series: Cherry, Lavender, Lavender Flame, Lilac, Pink, Red, White | 20-30" Like Bounce (see below), only bigger! Vigorous series is ideal for landscape use | 6 | 0.585 |  |  |  |  | 0.06 |
| Bounce ${ }^{\text {tw }}$ Series: Bright Coral, Cherry, Lilac, Pink Flame (A), Violet, White | 14-20" Shade alternatives offer the habit and flower count of Impatiens walleriana, but they are resistant to downy mildew and thrive in sun and shade. Even better, the well-branched plants bounce back like magic after wilt | 6 | 0.585 |  |  |  |  | 0.06 |

ANNUALS


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs ${ }^{\text {Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | SWEET POTATO VINE Please also see Specialty Section, pg. 18 |  |  |  |  |  |  |  |
| Flora Mia Series: Black, Cameo (purple/green, heart-shaped), Limon, Limon Wedge (heart-shaped), Nero, Rosso (red, heart-shaped), Verdino (brown/green) | Attractive combination product that is vigorous and ideal for late and warm production | 6 | 0.595 |  |  |  |  | 0.06 |
| Sweet Georgia ${ }^{\circledR}$ Series: Bronze, Bullfrog, Light Green, Deep Purple | 4-6" Palmate leaves; high quality, freely-branched series with uniform compact habit, proven performance; Bullfrog is purple/green variegated | 6 | 0.705 |  |  |  |  | 0.06 |
| e Sweet Georgia ${ }^{\text {® }}$ Heart Series: Light Green, Purple, Red | 4-6" Heart shaped leaves; high quality, freely-branched series with uniform compact habit, proven performance | 6 | 0.705 |  |  |  |  | 0.06 |
| ISOTOMA | LAURENTIA |  |  |  |  |  |  |  |
| Fizz N Pop ${ }^{\text {rM }}$ Series: Glowing Violet, Pretty in Pink | 12" Nectar-rich $11 / 2$ " blooms, great for beneficial pollinating insects, long season of interest, increased heat tolerance | 8 | 0.675 |  |  |  |  | 0.06 |
|  | FLOWERING KALE |  |  |  |  |  |  |  |
| Chidori' ${ }^{\text {TM }}$ Red | Fringed leaf | 5 |  | 0.300 |  |  |  |  |
| Coral ${ }^{\text {TM }}$ Queen (red) | Feathered leaf, less serrated than Peacock | 5 |  | 0.300 |  |  |  |  |
| Glamour ${ }^{\text {rm }}$ Red F1 (A) | 8-10" Rosy-red frilly inner leaves, surrounded by dark green leaves | 5 |  | 0.340 |  |  |  |  |
| Kamome Series: Pink, Red, White | Deeply fringed, closely packed leaves | 5 |  | 0.300 |  |  |  |  |
| Nagoya Series: Mix, Red, Rose, White | Fringed leaf | 5 |  | 0.300 |  |  |  |  |
| Peacock ${ }^{\text {TM }}$ Series: Red, White | Feathered leaf | 5 |  | 0.300 |  |  |  |  |
| Yokohama Series: Red, White | Extra-curly fringed leaves, slow to bolt | 5 |  | 0.300 |  |  |  |  |
|  | SPOTTED HENBIT |  |  |  |  |  |  |  |
| e Beacon Silver | 6-8" Spreading patch of small silver leaves w/narrow green edge, clusters of bright-pink flowers | 6 | 0.470 |  |  |  |  | 0.06 |
| eami Lamies: Dark Purple, Mega Purple | 6-8" Clusters of large purple flowers cover green-edged frosted silvery foliage; semi-trailing habit good for pots and baskets; blooms early in the season | 6 | 0.540 |  |  |  |  | 0.06 |
| Orchid Frost | 8-16" Purple flowers, trailing gray green leaves | 6 | 0.540 |  |  |  |  | 0.06 |
| e White Nancy | 6-8" Oval, variegated silvery-white leaves w/greenish margins. Clusters of small, hooded, white flowers. | 6 | 0.470 |  |  |  |  | 0.06 |
|  | SHRUB VERBENA |  |  |  |  |  |  |  |
| e. Bandana ${ }^{\circledR}$ Series: Cherry, Cherry Sunrise, Lemon Zest, Orange, Peach, Pink, Red Imp., Rose, White, Yellow | 14-20" Large flowered, compact-to-medium vigor, mounding habit; Pink and Rose most vigorous | 8 | 0.635 |  |  |  |  | 0.06 |
| e Bandana ${ }^{\circledR}$ Landscape Series: Gold, Lemon Zest, Pink, Red Imp., Yellow | 16-20" Spreading, robust habit and size make these ideal for the landscape, unparalleled heat and drought tolerance | 8 | 0.635 |  |  |  |  | 0.06 |
| camara 'Confetti' | 8-16" Purple, yellow, pink flowers, half trailing | 8 | 0.510 |  |  |  |  | 0.06 |
| e. 'Dallas Red' | 8-16" Yellow to red flowers, upright | 8 | 0.510 |  |  |  |  | 0.06 |
| ec 'Samantha' | 10-16" Bright yellow flower clusters, light yellow/green variegated foliage | 8 | 0.510 |  |  |  |  | 0.06 |


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | SHRUB VERBENA |  |  |  |  |  |  |  |
| Havana ${ }^{\circledR}$ Series: Cherry, Full Moon, Gold, Harvest Moon, Pink Sky, Red Sky, Sunrise, Sunset, Sunshine | Huge umbels of color over dark, glossy foliage, compact habit | 8 | 0.615 |  |  |  |  | 0.06 |
| e 'New Gold' | 8-16" Golden yellow, half trailing | 8 | 0.510 |  |  |  |  | 0.06 |
| ce Purple Trailing | $12-15$ " Flowers are lilac pink to purple with yellow centers, foliage will change from red to purple in colder months | 8 | 0.510 |  |  |  |  | 0.06 |
| Santana ${ }^{\text {TTM }}$ Series: Gold, Red Orange | 8-14" Perfect for baskets and ground cover, semi-trailing structure, long-lasting abundant flowering | 8 | 0.605 |  |  |  |  | 0.06 |
| LARKSPUR 敉 $¢$ | LARKSPUR Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
| LEUCANTHEMUM | SHASTA DAISY |  |  |  |  |  |  |  |
| e Angel Daisy ${ }^{\text {® }}$ | 8-12" Anemone flowers transition to pure white; super-early flowering makes production planning easy; hardy to zone 4 | 8 | 0.735 |  |  |  |  | 0.0875 |
| 2. Darling Daisy ${ }^{\text {® }}$ | 6-8" Pure white daisy, short stature, continuous flowering habit makes it easy to finish for early sales; hardy to zone 6 | 8 | 0.685 |  |  |  |  | 0.0875 |
| Lancaster ${ }^{\text {B }}$ Betsy ${ }^{\text {™ }}$ | 18-24" Giant 5-6" flowers; day-length neutral, first year flowering; hardy to zone 4 | 8 | 0.800 |  |  |  |  | 0.0875 |
| Lancaster Darling Daisy Supreme ${ }^{\text {TM }}$ | 15-18" Perfectly round 3 " flowers blanket strong chassis; day-length neutral, first year flowering; hardy to zone 4 | 8 | 0.735 |  |  |  |  | 0.0875 |
| e Lancaster Double Angel Daisy, | 8-10" Fully double flowers sit low on foliage; day-length neutral, first year flowering; very compact, making it the groundcover leucanthemum; hardy to zone 4 | 8 | 0.735 |  |  |  |  | 0.0875 |
| de White Mountain ${ }^{\text {® }}$ | 18-24" Very large, early blooms on stout plants; can be programmed to flower for retail sales from early spring to fall; hardy to zone 4 | 8 | 0.800 |  |  |  |  | 0.0875 |
| LISIANTHUS 乷 - \% < | LISIANTHUS Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
|  | EDGING LOBELIA |  |  |  |  |  |  |  |
| Bella Series: Aqua (mid-blue), Mare (blue w/ white eye), Oceano (solid deep blue) | Low-growing cool season crop, soft texture, many blooms, adds volume to containers without mass | 8 | 0.570 |  |  |  |  | 0.06 |
| Hot ${ }^{\text {® }}$ Series: Brilliant Blue, Waterblue Imp. $\downarrow$ | 8-12" Big single flowers, heat tolerant, compact, half trailing, broad leaves | 8 | 0.570 |  |  |  |  | 0.06 |
| Magadi" Series: Dark Blue, Electric Purple, White | 8-12" Mounded, thick branching works well in pots or the landscape; best for 1-gallon and patio pots | 8 | 0.570 |  |  |  |  | 0.06 |
| Magadi ${ }^{\text {m/ }}$ Basket Series: Dark Blue, Dark Purple | 8-12" Vigorous and floriferous varieties feature lovely trailing blooms; best for 12-14" baskets | 8 | 0.570 |  |  |  |  | 0.06 |
| Magadi ${ }^{\text {m }}$ Compact Series: Blue, Blue + Eye | 6-10" Upright and densely branched, ideal for quarts and 4.5" pots | 8 | 0.570 |  |  |  |  | 0.06 |
| Techno ${ }^{\text {® }}$ Blue | 6-10" Small flowers, medium-to-vigorous growth | 8 | 0.580 |  |  |  |  | 0.06 |
| Techno ${ }^{\circledR}$ Heat Series: Dark Blue, Electric Blue, Light Blue Imp., Violet, White (l) | 6-10" Small flowers, medium vigor, improved heat tolerance | 8 | 0.580 |  |  |  |  | 0.06 |
| e Techno ${ }^{\oplus}$ Heat Upright Series: Blue, Cobalt Blue, Dark Blue, Light Blue Imp., Purple (a) | 8-12" Small-medium flowers, medium-to-vigorous mounding growth, heat tolerance | 8 | 0.580 |  |  |  |  | 0.06 |

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| Variety（Red＝New！） | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | SWEET ALYSSUM |  |  |  |  |  |  |  |
| de Marineland ${ }^{\text {IN }}$ Series：Frosty Lavender，Lavender， Pink，White | 3－5＂Compact and early，excellent in mixed combinations；super for summer heat，abundant color | 8 | 0.575 |  |  |  |  | 0.06 |
| Stream ${ }^{T M}$ Series：Deep Lavender（medium vigor）， Lavender（medium compact），Lilac（medium vigor）， Purple（very compact），Raspberry（very compact），Silver （medium vigor，small white flowers），Snow（medium vigor），White（medium compact，large flowers） | 8－12＂Floriferous，ball－shaped，fast grower，wonderful early scent of spring，heat tolerant，flowers throughout the summer | 8 | 0.605 |  |  |  |  | 0.06 |
| de．Yolo Series：French Vanilla，Lavender，White | Floriferous＇groundcover＇with fragrant blooms spring through autumn | 8 | 0.575 |  |  |  |  | 0.06 |
| e Yolo Top Series：Lavender，Pink，Purple，White | Compact，floriferous＇groundcover＇with fragrant blooms spring through autumn | 8 | 0.575 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| a Golden Globes | 6－8＂Lovely clusters of bright yellow flowers bloom over trailing green foliage | 7 | 0.500 |  |  |  |  | 0.06 |
| de Midnight Sun $\bullet$ | $2-4$＂Yellow flowers form clusters at the end of the foliage in spring；green and dark chocolate foliage， cascading | 7 | 0.500 |  |  |  |  | 0.06 |
| e．nummularia＇Gold Money＇ | 4＂Chains of trailing，bright yellow，rounded foliage，hardy to zone 4 | 7 | 0.500 |  |  |  |  | 0.06 |
| Outback Sunset | 12－16＂Big clusters of yellow flowers on variegated foliage，compact，trailing | 7 | 0.600 |  |  |  |  | 0.06 |
| 2．Sunburst | 2－4＂Saturated sunshine yellow buds with flame red markings，glossy dark green foliage with bold red veining and stems，tidy trailing habit | 7 | 0.625 |  |  |  |  | 0.06 |
|  | MARIGOLD |  |  |  |  |  |  |  |
| Durango Series：Outback Mix，Yellow | 10－12＂Early free flowering，anemone－type，attracts bees | 5 |  |  |  | 0.108 |  |  |
| Inca II $^{\text {TM }}$ Yellow | 12－14＂Fully double flowers，early | 5 |  |  |  | 0.145 |  |  |
| Super Hero ${ }^{\text {TM }}$ Spry（A）（F） | 10－12＂Dark maroon lower petals contrast with golden yellow upper petals，no deadheading needed | 5 |  |  |  | 0.112 |  |  |
|  | MECARDONIA |  |  |  |  |  |  |  |
| de．Garden Freckles ${ }^{\text {TM }}$ | 2－4＂Very early medium－sized bright yellow single flowers on dense，mounded，semi－trailing foliage | 7 | 0.555 |  |  |  |  | 0.06 |
| e．Magic Carpet ${ }^{\text {tm }}$ Yellow | 2－4＂Bright yellow blooms shoot straight up from the foliage，very early，width 14－18＂ | 7 | 0.540 |  |  |  |  | 0.06 |
|  | MELAMPODIUM |  |  |  |  |  |  |  |
| Jackpot Gold © | 10＂Golden yellow flower，loves heat | 6 |  |  | 0.220 |  |  |  |
| MOLUCCELLA | BELLS OF IRELAND Please see Specialty Section，pg． 17 |  |  |  |  |  |  |  |
| NASTURTIUM | NASTURTIUM Please see Herbs \＆Vegetables Section pg． 100 |  |  |  |  |  |  |  |
| NEMESIA 桬沙数童 | NEMESIA |  |  |  |  |  |  |  |
| Babycakes ${ }^{\text {TM }}$ Little Series：Banana，Cherry， Orange，Vanilla | 8＂Very compact，brightly colored，fragrant flowers，great for small containers | 7 | 0.560 |  |  |  |  | 0.06 |
| A．Honey Series：Bicolor Light Pink，Bicolor Orange Flame，Bicolor Wine，Dark Blue，White＋Eye | Compact growth habits，special color combinations within flowers | 7 | 0.540 |  |  |  |  | 0.06 |


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs ${ }^{\text {P Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | NEMESIA |  |  |  |  |  |  |  |
| ea Karoo Series: Dark Blue, Violet Ice | 10-12" Continuous flowers from spring through summer, good for bowls, baskets \& combos in welldrained soil; can be cut back | 7 | 0.540 |  |  |  |  | 0.06 |
| de Momento ${ }^{\text {® }}$ Series: Burgundy Frost, White, Yellow | 6-8" Compact, ideal for 4" or quart production, sweet fragrance, early spring flowers perform into summer | 7 | 0.570 |  |  |  |  | 0.06 |
|  | Please also see Specialty Section for more Impatiens, pg 23 |  |  |  |  |  |  |  |
| Harmony ${ }^{\circledR}$ Series: Blush, Bold Red, Candy Cream, Dark Red, Dark Violet, Magenta, Orange Star, Perfect Pink, White | 12" vigorous, compact, uniform and free flowering, compact, shade lover | 6 | 0.465 |  |  |  |  | 0.06 |
| de Harmony Radiance ${ }^{T \mathrm{Tm}}$ Series: Hot Pink, Lilac, Magenta, Pink, Scarlet | Decorative flowers with bright petal edged colors, rich and continuous flowering | 6 | 0.480 |  |  |  |  | 0.06 |
| Magnum Series: Hot Pink, Lavender Splash (lavender/purple), Purple, Red Flame (red w/ small pink eye), Wild Salmon | Extra-large flowers, medium-high vigor | 6 | 0.470 |  |  |  |  | 0.06 |
| Painted Paradise ${ }^{\text {tm }}$ Series: Lilac, Orange Imp., Red Imp., Wine | 8-12" Variegated foliage, mounding | 6 | 0.460 |  |  |  |  | 0.06 |
| Paradise ${ }^{\text {tw }}$ Series: Bicolor Orange, Bright Pink, Bright Red, Carmine Red, Cherry Red, Cherry Rose Imp., Dark Lavender, Dark Salmon w/Eye, Deep Pink, Fuchsia, Fuchsia on Lavender, Jaco (deep pink bicolor), Magenta Pink, Mango Orange, Orange White, Orchid, Pearl White | 8-12" Early flowering, compact growth, uniform within series, mounding | 6 | 0.460 |  |  |  |  | 0.06 |
| Paradise ${ }^{\text {TM }}$ Select Series: Bicolor Red, Blush White, Cabano White, Electric Orange, Light Lavender, Light Pink, Light Rose, New Red, Rose Flair, Salmon, Violet | 8-12" Early flowering, compact growth, uniform within series, mounding | 6 | 0.460 |  |  |  |  | 0.06 |
| e. Paradise ${ }^{T M}$ Rococo Series: Apricot Cream, Cherry, Coral, Hot Orange, Lavender, Orange, Pink, Purple, White | 8-12" Baroque flower structure is very prominent: cheerful, vibrant and decorative | 6 | 0.470 |  |  |  |  | 0.06 |
| de. Petticoat Series: Blue, Blue Star, Mandarin Star 2019, Red, Rose Star, White | Early flowering, uniform, medium flowers, medium vigor | 6 | 0.450 |  |  |  |  | 0.06 |
| Pure Beauty ${ }^{\text {m }}$ Series: Bright Orange, Deep Pink, Lavender, Light Pink, Light Rose, Purple, Red on Pink, Violet, White | 10-14" Vigorous, excellent garden performance, mounding | 6 | 0.460 |  |  |  |  | 0.06 |
| Sonic ${ }^{\circledR}$ Series: Amethyst, Bright Pink, Deep Purple Imp., Deep Red, Light Lavender, Lilac, Magic Pink, Orange, Pink, Red, Salmon, Sweet Cherry, Sweet Orange, Sweet Purple, White Imp. | 12-14" Extra large flowers, compact to medium growth habit | 6 | 0.465 |  |  |  |  | 0.06 |
| Strike ${ }^{T M}$ Series: Orange, Orchid, Plum | Decorative flowers with bright petal edged colors, variegated foliage, rich and continuous flowering | 6 | 0.465 |  |  |  |  | 0.06 |
| de Sunstanding ${ }^{\text {® }}$ Apollo Series: Cherry Red, Lilac (formerly SunStanding Hot Pink), Orange, Pink, Purple (formerly SunStanding Purple), Ruby Red, White Cloud (formerly SunStanding White Cloud) | Extra-large SunStandings, approximately 20\% larger than 'Helios'. Interspecific New Guineas are great for the landscape market. 5-7 weeks to finish in packs and quarts | 5 | 0.500 |  |  |  |  | 0.06 |

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| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | Please also see Specialty Section for more Impatiens, pg 19 and 21 |  |  |  |  |  |  |  |
| © Sunstanding ${ }^{\otimes}$ Helios Series: Coral Aurora (formerly SunStanding Coral Aurora), Dark Red, Flame Orange, Intense Pink, Lavender (formerly SunStanding Lavender), Magenta (formerly SunStanding Magenta), Magenta Borealis, Neon Red (formerly SunStanding Neon Red), Neon Rose (formerly SunStanding Neon Rose), Orange, Orange Aurora (formerly SunStanding Orange Aurora), Rose, Rose Aurora (formerly SunStanding Orange Aurora), Salmon Pink | Interspecific New Guineas are great for the landscape market. 5-7 weeks to finish in packs and quarts | 5 | 0.500 |  |  |  |  | 0.06 |
| e Super Sonic ${ }^{\circledR}$ Series: Hot Pink, Lavender, Lilac, Magenta, Orange Ice, Pastel Pink, Pink, Purple, Red, Sweet Cherry, White | 14-16" Extra large flowers - up to 3" across, hands down the largest blooms on the market. | 6 | 0.465 |  |  |  |  | 0.06 |
| Wild Romance Series: Blush Pink:, Red | 12-14" True breeding innovation, romantic gardenia-like double blooms, brightens up shady areas | 6 | 0.500 |  |  |  |  | 0.06 |
|  | 2 cuttings per cell |  |  |  |  |  |  |  |
| Lara ${ }^{\text {TM }}$ Series: Dark Blue, White | 8-10" Half trailing, lots of flowers, loves the heat, low to medium vigor | 7 | 0.600 |  |  |  |  | 0.06 |
|  | NEW IN THIS SIZE! |  |  |  |  |  |  |  |
| x.hybrida 'Kirigami' | 8-10" Large purple-green bracts, rose flowers and clear light green foliage, delicious fragrance to attract pollinators; eye-catching, non-culinary oregano | 9 |  | 0.460 |  |  |  |  |
|  | SHRUBBY DAISYBUSH |  |  |  |  |  |  |  |
| 4D ${ }^{\text {TM }}$ Series: Berry White, Pink, Purple, Sunburst, Violet Ice | 10-14" Double flowers stay open 24/7, grows like Flower Power series | 7 | 0.625 |  |  |  |  | 0.06 |
| E. FlowerPower ${ }^{\text {rm }}$ Spider Series: Pink, Purple, White | 10-14" Attractive spoon type flower, keeps flower shape during the summer | 7 | 0.600 |  |  |  |  | 0.06 |
| Margarita ${ }^{\circledR}$ Series: Blue Sunrise, Cool Purple, Dark Pink, Kardinal, Orange Flare, Pink Flare, Purple, Rioja Red, White, Yellow | 8-14" Compact varieties with short flower stem, little or no PGR needed, high density production, great performance in high heat conditions | 7 | 0.600 |  |  |  |  | 0.06 |
| Ee Zion ${ }^{\text {TM }}$ Series: Copper Amethyst, Blue Denim, Red | 10-16" Unique colors, large flowers, great consumer appeal, excellent summer performance | 7 | 0.600 |  |  |  |  | 0.06 |
|  | PANSY |  |  |  |  |  |  |  |
| Delta ${ }^{\text {TM }}$ Series: Lavender Blue Shades, Pure Colors Mix, Pure Red, Pure Rose | 4-6" Unique colors and mixes to add further excitement and sales opportunities to spring or fall pansy programs | 7 |  |  |  | 0.144 |  |  |
| Delta ${ }^{\text {TM }}$ Premium Series: Beaconsfield, Blue Morpho, Blotch Mix, Blue w/ Blotch, Citrus Mix, Mix, Neon Violet, Pure Lemon, Pure Light Blue, Pure Orange, Pure Violet Imp., Pure White, Pure Yellow, Red w/ Blotch, True Blue, White w/ Blotch Imp., Yellow w/ Blotch | 4-6", Very uniform growing and flowering reduces need to pick and choose among series for colors or season; tightly branched habit resists stretching, fewer PGR's, easily shipped and held at retail; ideal for high-density finishing | 7 |  |  |  | 0.144 |  |  |
| Delta ${ }^{\text {TW }}$ Speedy Series: Clear White, Clear Yellow, Deep Blue w/ Blotch, Frost, Mix, Rose Medley, True Blue, Yellow/Purple, Yellow w/ Blotch | 4-6" Reliable, programmable production with near day-neutral flowering. Ideal for late fall through winter in the South and West, early spring in the North | 7 |  |  |  | 0.144 |  |  |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | PANSY |  |  |  |  |  |  |  |
| Majestic Giant II Blotch Mix | Extra large 4" flowers, excellent overwintering and Spring rebloom | 7 |  |  |  | 0.144 |  |  |
| Matrix ${ }^{\circledR}$ Series: Clear \& Blotch Mix © $\triangle$, Orange, Purple Imp., True Blue, White Imp., Yellow Imp., Yellow w/ Blotch Imp | Robust habit, well-branching, large flowers | 7 |  |  |  | 0.144 |  |  |
|  | GERANIUM |  |  |  |  |  |  |  |
| 2. Pinki Pinks | 12" Masses of rose-pink flowers from early spring to late autumn, mounding, trailing, low maintenance | 7 | 0.600 |  |  |  |  | 0.06 |
|  | PENTAS |  |  |  |  |  |  |  |
| Falling Star ${ }^{\text {rm }}$ Series: Hot Pink, Pink Bicolor, Red, Rose, White | 8-10" First trailing pentas for extreme heat; use in baskets and combos | 7 | 0.785 |  |  |  |  | 0.06 |
| Glitterati Purple Star F1 | 12-22" Light purple with dark purple edges, distinctive star pattern, truly new look for pentas | 8 |  |  | 0.317 |  |  |  |
| Grafitit F1 Mix | 8-10" Very uniform, early flowering | 9 |  |  | 0.317 |  |  |  |
| Lucky Star F1 Series: Dark Red, Deep Pink, Lavender, Mix, Pink, Raspberry, Violet, White | 12-16" 3-5 day bloom window, fast follow-up blooming, constant show of color; compact, tight habit | 9 |  |  | 0.317 |  |  |  |
| Starcluster ${ }^{\text {rw }}$ Series: Red Imp., Rose, | 18-22" Bred for heat performance, use in large containers and landscapes | 7 | 0.700 |  |  |  |  | 0.06 |
|  | PEPPER - ORNAMENTAL |  |  |  |  |  |  |  |
| Acapulco Series: Multicolor, Purple | 6-8" Colorful 1-1/2" fruit faces upward, compact, best in 6-8" pots, very hot if eaten | 6 |  |  | 0.260 |  |  |  |
| Black Pearl © © © | 12-16" Glossy black leaves, black fruit matures to dark red | 6 |  |  | 0.290 |  |  |  |
| Chilly Chili F1 (A) | 9-10" Fruit goes from greenish yellow to dark red, child-safe, non-pungent | 6 |  |  | 0.260 |  |  |  |
| Harlequin | 4-8" Distinctive, large fruit starts yellow and matures to red, compact, determinate, best sold at first color for eye-catching autumn tones | 6 |  |  | 0.290 |  |  |  |
| Medusa | 6-8" Narrow, twisted cone-shaped fruit goes from ivory to yellow to orange to bright red | 6 |  |  | 0.260 |  |  |  |
| Midnight Fire | 9-12" Distinctive dark black foliage, accented by purple fruit maturing to red, perfect for gallons at retail | 6 |  |  | 0.260 |  |  |  |
| Onyx (4) | 6 -10" Purple blooms on extremely black leaves turn into black-to-red fruit, very compact, bushy | 6 |  |  | 0.305 |  |  |  |
| Purple Flash | 13-15" Leaves almost black with flashes of bright purple, topped with glossy black fruit | 6 |  |  | 0.290 |  |  |  |
| Salsa Mix | 4-6" Pointed, small fruit on compact plants. Fruits are cream \& slightly black to start and turn to a mix of red, orange and yellow | 6 |  |  | 0.260 |  |  |  |
| Samba XL Dark Orange | 5-6" Unique, 2" colorful fruit faces upward all summer, excellent shelf life, short production time, excellent in 4 " pots, very hot if eaten | 6 |  |  | 0.260 |  |  |  |
| Sangria F1 | 10-12" Continuous purple and red peppers | 6 |  |  | 0.260 |  |  |  |
| Santos Orange | 6" Upward facing 2" spike-shaped fruit, excellent shelf life, short production time, excellent in 4" pots, very hot if eaten | 6 |  |  | 0.260 |  |  |  |
| Zamora Series: Orange, Yellow | 6" Upward facing 1-1/2" spike-shaped fruit, excellent shelf life, short production time, excellent in 4" pots, very hot if eaten | 6 |  |  | 0.260 |  |  |  |
|  | PERILLA |  |  |  |  |  |  |  |
| - Tricolor | 24" White flower, foliage is the attraction - shades of purple, pink, green and cream, upright, branched | 6 | 0.485 |  |  |  |  | 0.06 |

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | PETCHOA |  |  |  |  |  |  |  |
| SuperCal ${ }^{\circledR}$ Series: Blue, Cherry Imp., Crimson Red, Light Yellow, Neon Rose, Pink, Purple, Salmon Glow | 6-12" Cross breed of petunia and calibrachoa, early flowering, very heat and cold tolerant; vigorous, trailing habit | 6 | 0.570 |  |  |  |  | 0.06 |
| SuperCal ${ }^{\oplus}$ Premium Series: Bordeaux, Caramel Yellow, Cinnamon, French Vanilla, Sunray Pink | 6-12" Cross breed of petunia and calibrachoa, early flowering, very heat and cold tolerant; medium vigor with semimounding habit, larger flowers | 6 | 0.600 |  |  |  |  | 0.06 |
|  | PETUNIA Please see also Specialty Section for more Wave Petunias, pg. 21 |  |  |  |  |  |  |  |
| 2. Amore ${ }^{\text {Tm }}$ Joy | Abundance of large purple-white flowers, decorated with heart shaped designs and contrasting stripes. Similar mounded trailing habit to 'Ray ${ }^{\text {TM, }}$ series | 6 | 0.590 |  |  |  |  | 0.06 |
| Amore ${ }^{\text {Tw }}$ Series: Fiesta (dark bordeaux \& yellow), Purple, Queen of Hearts (red \& yellow) | Abundance of large colorful flowers, decorated with heart shaped designs and contrasting stripes. Similar mounded trailing habit to 'Ray ${ }^{7 \pi \times 1}$ ' series | 6 | 0.615 |  |  |  |  | 0.06 |
| e BigDeal Series: Chocolate Cherries, Flamenco Dancer | More vigorous than Crazytunias; durable, landscape grade, flower early, grow tall and spread wide | 6 | 0.590 |  |  |  |  | 0.06 |
| de. BigDeal Pinkadilly Circus | More vigorous than Crazytunias; durable, landscape grade, flower early, grow tall and spread wide | 6 | 0.620 |  |  |  |  | 0.06 |
| Blanket ${ }^{\circledR}$ Series: Blue Star, Lemon Glow, Midnight Velvet, Purple Imp., Red, Rose, Rose Star, Violet, White Imp., Yellow, Zinfandel | 6-8" Up to 36 " spread, excellent garden performance in the landscape and containers. Blue Star is slightly earlier and flowers are a bit larger than others | 6 | 0.555 |  |  |  |  | 0.06 |
| Blanket ${ }^{\circledR}$ Double Series: Chardonnay, Midnight Velvet, Rose, White, Zinfandel | 8-10" Double flowers, up to 32" spread, excellent garden performance in the landscape and containers. | 6 | 0.555 |  |  |  |  | 0.06 |
| Capella ${ }^{\text {t" }}$ Series: Burgundy, Indigo, Pink Lace, Purple Veins, White | Early flowering, controlled growth, retail ready in 12-14 weeks, tight neat habit, striking colors, self-cleaning, excellent weather tolerance | 6 | 0.590 |  |  |  |  | 0.06 |
| Cascadias ${ }^{\text {tw }}$ Series: Bicolor Cabarnet, Blue Omri, Pitaya, Purple Gem, Rim Violet | 8-16" Multiflora sized single flowers, great color range, trailing habit for baskets | 6 | 0.590 |  |  |  |  | 0.06 |
| Cascadias ${ }^{\text {tw }}$ Series: Autumn Mystery, Indian Summer, Rim Magenta | 8-16" Multiflora sized single flowers, great colors, trailing | 6 | 0.615 |  |  |  |  | 0.06 |
| ec. Constellation ${ }^{\text {TM }}$ Series: Aries (purple/pink), Gemini (deep pink/white), Pyxis (purple/white), Virgo (purple/blue) | Eye-catching, starry-eyed patterns cover these unique petunia blooms, vigorous mounding, trailing habit | 6 | 0.580 |  |  |  |  | 0.06 |
| Crazytunia ${ }^{\circledR}$ Series: Bitter Lemon, Black Mamba, Blackberry Cheesecake, Blackberry Mojito, Blue Ice, Bouquet Burgundy Star, Cloud \#9, Cosmic Purple, French Kiss, Frisky Purple, Kermit Purple, Kermit Rose, Lemon Burst, Lucky Lilac, Mandeville, Moonstruck, Passion Punch, Pink Frills, Pulse, Purple Picotee, Purple Prince, Razzmatazz, Red Blues, Sugar Beet, Twilight Blue, Twilight Lime, Ultra Violet | From semi-upright to semi-trailing, the insanely bright colors and unusual patterns of Crazytunias offer unique options | 6 | 0.605 |  |  |  |  | 0.06 |
| de. Double Wave ${ }^{\text {Tm }}$ Series: Blue, Pink, Purple, Red, White | 6-8" Frilly petals on the flowers, performs like other waves, great for baskets and containers | 6 | 0.575 |  |  |  |  | 0.06 |
| Easy Wave ${ }^{\circledR}$ Series: Berry Velour, Blue, Burgundy Star, Burgundy Velour, Neon Rose, Red Imp., Red Velour, Rosy Dawn, Violet Imp. White | Exceptional uniformity and well-matched habit plus widest color range make Easy Wave the most versatile of all largeflowered spreading petunias, more mounded and controlled than Wave, continuous, care-free color | 7 |  | 0.440 | 0.335 |  |  |  |
| Evening Scentsation F1 (A) | 5-8" Beautiful indigo blue, first petunia to win an AAS award for lovely fragrance and stunning color. Scent has notes of hyacinth, sweet honey and rose, scent is stronger in the evening, medium-sized multiflora | 7 |  | 0.440 | 0.335 |  |  |  |


| Variety (Red = New!) | Common Name and Description |  | Bloomin Plugs ${ }^{\text {Price }}$ |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | Please also see Specialty Section for more Wave Petunias, pg. 21 |  |  |  |  |  |  |  |
| Good and Plenty ${ }^{\otimes}$ Series: Blue, Blue Ice, Blue Star, Flamingo, Grape Ice, Night Life, Peach, Pink Star, Purple, Purple Skirt, Purple Splash, Red 2017, Rose, Strawberry Flash, White 2018, Yellow | 8-12" Extra early blooming in long or short days, mounded habit holds its shape, wrapping containers in bouquets of flowers; great colors, outstanding red and yellow | 6 | 0.530 |  |  |  |  | 0.06 |
| Happy Magic Series: Blue with Green Edge, Cremissimo Imp., Giant Dijon, Giant Velvet Yellow | 8-10" Large flowers with unique, magical colors | 6 | 0.585 |  |  |  |  | 0.06 |
| Headliner ${ }^{\text {TM }}$ Series: Banana Cherry Swirl, Raspberry Swirl '19 | 10-16" Novelty patterns and colors, mounded and early flowering for fast finish, eye-catching! | 6 | 0.560 |  |  |  |  | 0.06 |
| Headliner ${ }^{\text {TM }}$ Series: Night Sky, Pink Sky, Starry Sky Burgundy | 10-16" Night and Pink Sky have never-seen-before bloom patterns, B-9 will turn them white, high heat will turn them solid colors, Starry Sky Burgundy has dark, spotted leaves with a bright star in the center | 6 | 0.590 |  |  |  |  | 0.06 |
| de Hells ${ }^{\circledR}$ Flamin' Rose | 6-10" Large, florescent flowers completely cover plant, vigorous, horizontal branching habit | 6 | 0.590 |  |  |  |  | 0.06 |
| Littletunia ${ }^{\text {Tw }}$ Series: Bicolor Illusion, Blue Vein, Pink Vein, Purple Blue, Rose, White Grace | 6-10" Abundance of miniature flowers, semi-trailing, superior center branching | 6 | 0.590 |  |  |  |  | 0.06 |
| e. Peppy Purple | Purple and white star, semi-upright, strong branching | 6 | 0.545 |  |  |  |  | 0.06 |
| ec. Potunia Series: Coral, Purple Halo, White | Grower favorites for early flowering, reliable uniformity and perfectly mounding bubbles of color | 6 | 0.545 |  |  |  |  | 0.06 |
| ea. Potunia Plus Series: Baby Pink, Purple 2019 | Same as Potunia, but 20\% larger | 6 | 0.545 |  |  |  |  | 0.06 |
| ea. Potunia Piccola Series: Hot Pink, Lavender Touch, Purple Ice | The reliability and uniformity of Potunia with a more compact habit and smaller flowers | 6 | 0.545 |  |  |  |  | 0.06 |
| QT ${ }^{\otimes}$ Series: Blue, Cherry, Grape Ice, Mahogany, Orange, Pink Ice, Red, Salmon, White, Yellow | 8-11" Easy to grow, good holding power to help with shipping, finishes quickly, clean colors, vigorous to fill garden bed, long lasting containers | 6 | 0.530 |  |  |  |  | 0.06 |
| de. Ray ${ }^{\text {mW }}$ Series: Classic Blue, Purple, Purple Vein, Red, White | 8-16" Large 3" flowers, early, high longevity, mounded into trailing habit, uniform series | 6 | 0.590 |  |  |  |  | 0.06 |
| Ray ${ }^{\text {TM }}$ Series: Black, Sunflower | 8-16" Large 3" flowers, early, high longevity, mounded into trailing habit, uniform series | 6 | 0.615 |  |  |  |  | 0.06 |
| Sanguna ${ }^{\circledR}$ Series: Blue Imp., Blue Vein, Burgundy, Deep Lavender Vein, Hot Rose, Light Blue, Lipstick Imp., Mega Purple, Picotee Punch Imp., Pink Vein, Purple Imp., Radiant Blue, Red Imp., Rose, Rose Vein Imp., White Imp., White Pearl, White Vein, Yellow | 10-14" Early blooming large flowers continuously fill center of plant, ideally suited for quarts, gallons, baskets and planters | 6 | 0.560 |  |  |  |  | 0.06 |
| Sanguna ${ }^{\circledR}$ Patio Series: Blue, Pink Morn, Radiant Dark Blue, Radiant Rose, White | 10-14" Early and continuous flowering, bred for pot-tight, high-efficiency production, great for summer turns | 6 | 0.560 |  |  |  |  | 0.06 |
| Starlet ${ }^{\text {tw }}$ Series: Carmine Star, Purple Star | 6-10" As grower-friendly as it gets, early to flower and fast to finish | 6 | 0.560 |  |  |  |  | 0.06 |
| Success ${ }^{\text {t" }}$ Series: Blue, Burgundy, Coral, Liberty Mix, Pink, Pink Chiffon, Pink Vein, Red, Rose, Salmon, Silver Vein, Violet, White, Yellow Chiffon | 12" Showy colors, very uniform and early series, semi-trailing | 6 |  |  | 0.315 |  |  |  |
| Success ${ }^{\text {TM }} 360^{\circ}$ Series: Blue, Burgundy, Burgundy Vein, Deep Pink, Deep Rose, Light Yellow, Maxi Mix, Purple, Purple Vein, Red, Red Star, Rose Star, Salmon Vein, White | 12-14" Very uniform grandiflora series, packs are so full they look great from $360^{\circ}$; very early in the pack | 6 |  |  |  |  | 0.098 |  |
| Surprise Series: Blue Sky, Burgundy Star 2019, Grape, Magenta Halo, Monarch Star, Neon, Purple Star, Strawberry Ice 2019, Yellow | Dummen's largest petunia; early flowering, spreading, vigorous habit makes Surprise a perfect choice for landscape applications | 6 | 0.545 |  |  |  |  | 0.06 |



| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | Please see also Specialty Section for more Wave Petunias, pg. 21 |  |  |  |  |  |  |  |
| ee SweetSunshine ${ }^{\text {TM }}$ Provence | 6-8" Small full purple-blue double flowers, excellent weather tolerance, medium easy-to-control vigor | 6 | 0.560 |  |  |  |  | 0.06 |
| e. Sweetunia Series: Bubbleou (salmon pink), Purple Vein, White | Medium, upright habit and vigor; unique colors | 6 | 0.545 |  |  |  |  | 0.06 |
| Sweetunia Series: Fiona Flash (deep red/pink edges), Johnny Flame (deep purple/purple edges), Suzie Storm (deep purple/red edges) | Medium, upright habit and vigor; unique colors | 6 | 0.610 |  |  |  |  | 0.06 |
| Wave ${ }^{\text {Tm }}$ Series: Misty Lilac, Pink, Purple Classic © ${ }^{\text {A , Purple Imp. }}$ | Spreading, superb ground cover habit | 7 |  | 0.440 | 0.335 |  |  |  |
|  | ANNUAL PHLOX |  |  |  |  |  |  |  |
| e drummondii 'Phloxstar ${ }^{\text {m/ }}$ ' Series: Salmon, Red, White | Easy to grow, very strong plants in the garden, will last all summer | 7 | 0.580 |  |  |  |  | 0.06 |
| Formula Mix $\quad$ 'Popstars' F1 Series: Blue, Deep Blue, | 10-12" Fantastic show of star-shaped solid and bicolored flowers, naturally dwarf and strong branching; F1 breeding ensures excellence | 6 |  |  | 0.250 |  |  |  |
| ea Gisele Hot Pink | 10-12" Mounding, trailing, large flower clusters create a great color show from Spring through Summer | 7 | 0.580 |  |  |  |  | 0.06 |
| Patoxy Lady Series: Cherry Red, Hot Pink, Purple Sky | One of the longest bloom seasons out of any annual phlox on the market | 7 | 0.570 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| Cubrid 'Velvet Elvis' | 28" Bold, showy lavender blue flowers with very dark green leaves over a compact habit; fast growing, shrubby | 6 | 0.635 |  |  |  |  | 0.06 |
| dion ${ }^{\otimes}$ Series: Blue, Pink | 12-16" Dark green leaves with multiple bright flower spikes | 6 | 0.600 |  |  |  |  | 0.0875 |
|  | PURSLANE |  |  |  |  |  |  |  |
| ColorBlast Series: Grenadine (warm red), Limon (yellow), Plumberry (neon pink), Tangerine (orange) | 6-10" Vivaciously colored solid colors on prostrate well-behaved plants | 6 | 0.585 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| ColorBlast Double Series: Coconut, Guava (yellow/hot pink center), Magenta, Orange, Scarlet, Yellow | 6-10" Vivaciously colored double flowers on prostrate well-behaved plants | 6 | 0.610 |  |  |  |  | 0.06 |
| Cupcake Series: Cherry Baby (red-pink/yellow center), Strawberry Banana, Yellow Chrome (yellow/orange stripes) | Bright open blooms cover well-behaved, drought tolerant plants; unique colors | 6 | 0.540 |  |  |  |  | 0.06 |
| Happy Trails Mix | 6-9" Trailing, well-branched, very bright mix of 9 colors, large, semi-double flowers | 7 |  |  | 0.190 |  | 0.108 |  |
| Hot Shot ${ }^{\circledR}$ Series: Fuchsia, Orange, Pink Grapefruit, Rose, Rose Flambeau, Tangerine Glow, White, Yellow | 4-6" Very drought tolerant, great color all summer long, large, bright flowers for great summer combinations; Rose Flambeau has variegated foliage | 6 | 0.565 |  |  |  |  | 0.06 |
| Pazazz Series: Deep Pink, Fuchsia, Orange Flare, Pink Glow, Red Flare, Tangerine, Vivid Yellow, White, Yellow Imp. | 10-12" Large wide-open flowers cover thick foliage mat | 6 | 0.560 |  |  |  |  | 0.06 |


| Variety（Red＝New！） | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | PURSLANE |  |  |  |  |  |  |  |
| PortoGrande ${ }^{\text {TW }}$ Series：Magenta，Orange， Raspberry Lemonade，Scarlet，Yellow | 4－8＂Vibrant colors，large flowers，great for hot and arid conditions | 6 | 0.575 |  |  |  |  | 0.06 |
| Sundial Mix | 4＂Carpet of bright colors | 7 |  |  | 0.190 |  | 0.108 |  |
|  | PTILOTUS |  |  |  |  |  |  |  |
| exaltatus＇Joey＇${ }^{\text {TM }}$ | 12－15＂Large，conical spikes of feathery silver－pink flowers top thick silver－green foliage | 9 |  | 0.605 |  |  |  |  |
|  | BLACK－EYED SUSAN，CONEFLOWER |  |  |  |  |  |  |  |
| hirta＇Autumn Colors＇© | 20－24＂Bronze petals with red ring，rusty center | 8 |  | 0.338 |  |  |  |  |
| ＇Cherokee Sunset＇© $\triangle$ © | 24＂Double bronze，orange，yellow mix | 7 |  | 0.338 |  |  |  |  |
| ＇Cherry Brandy＇© | 20＂Unique cherry red shades， 3 ＂flowers | 7 |  | 0.338 |  |  |  |  |
| ＇Denver Daisy＇ | 18－20＂Large masses of golden flowers adorned with rusty rings，extreme weather tolerance | 7 |  | 0.338 |  |  |  |  |
| ＇Indian Summer＇${ }^{(A)}$（®） | 36－42＂Golden yellow | 7 |  | 0.338 |  |  |  |  |
| ＇Prairie Sun＇${ }^{(A) ®}$ | 28－32＂Large flowers，light yellow tips | 7 |  | 0.338 |  |  |  |  |
| Rising Sun $\square^{\text {a }}$ AS Chestnut Gold | Giant flowers；day－length neutral for year－round scheduling | 8 | 0.900 |  |  |  |  | 0.06 |
|  | SAGE |  |  |  |  |  |  |  |
| Amante ${ }^{\text {H }}$ | 36＂Deep red tubular flowers，black calyxes，early flowering，large green oval leaves，upright，well－ branching，fast grower | 5 | 0.725 |  |  |  |  | 0.06 |
| A Amistad 算號 | 36＂Deep purple tubular flowers，black calyxes，sterile，early flowering，large green oval leaves， upright，well－branching，fast grower | 5 | 0.725 |  |  |  |  | 0.06 |
| coccinea Summer Jewel Red $(\triangle) ¢$ | 16－20＂Blooms heavily all summer，earlier than other existing varieties under long day conditions | 7 |  |  | 0.190 |  |  |  |
| farinacea：Blue Bedder | 16－18＂Long－lasting blooms | 7 |  |  | 0.190 |  |  |  |
| Cathedral ${ }^{\circledR}$ Series：Blue Bicolor，Deep Blue，Lavender，Purple，Shining Sea，Sky Blue，White | 12－16＂True outdoor performer for all regions，including hot and humid areas，early to flower，wide color range | 7 | 0.585 |  |  |  |  | 0.06 |
| Sallyfun ${ }^{\text {tw }}$ Series：Bicolor Blue，Blue Emotion，Sky Blue，Snowhite | 12－16＂Long blooming period，excellent garden performance，great combo center plant | 7 | 0.650 |  |  |  |  | 0.06 |
| e．Velocity ${ }^{\text {m／}}$ Blue | 12－16＂Quick to finish，large dark blue flower spikes，strong stems，dense habit | 7 | 0.580 |  |  |  |  | 0.06 |
| Victoria Blue $\mathcal{*}$ ¢ | 16－18＂Long－lasting blooms | 7 |  |  | 0.190 |  | 0.108 |  |
| de greggii＇Hot Lips＇ | 24 ＂White／hot pink flowers，green leaves，does well in combination planters | 7 | 0.490 |  |  |  |  | 0.06 |
| guaranitica＇Black and Blue＇ | Each cobalt－blue flower is held in a black calyx along the tall flower spikes，lush green foliage | 7 | 0.535 |  |  |  |  | 0.06 |
| interspecific＇Big Blue＇ | 24－36＂Clear blue；first of its type from seed；S．Iongispicata x farincea is a big beauty；easy，showy | 5 |  | 0.395 |  |  |  |  |
| ce leucantha＇Santa Barbara＇都（ ） | 24－36＂Velvety－purple calyxes with extended rose－lavender petals，grey－green foliage with whitish hairs | 7 | 0.745 |  |  |  |  | 0.06 |
| ce nemorosa Sallyrosa＇m Jumbo Pink ${ }_{\text {a }}^{\text {¢ }}$（ 4 | 12－16＂Large spikes of flowers against gray green foliage，upright and compact | 7 | 0.680 |  |  |  |  | 0.06 |
| e＇Swifty＇Series：Deep Rose，Violet Blue，White | 8－12＂Early flowering，stunning amount of flower spikes on compact plant．Hardy to zone 3 | 7 | 0.700 |  |  |  |  | 0.0875 |
| splendens＇Grandstand＇Series：Blue Bicolor， Lavender，Purple，Red，Red－Pink Lipstick，Salmon | 15－20＇Real show－off，flowers continuously until first frost；multiple spikes of flowers display masses of color on compact plant frames | 7 | 0.600 |  |  |  |  | 0.06 |
| ＇Red Hot Sally II＇ | 10－12＂Dark red blooms on dark green foliage | 6 |  |  |  | 0.118 |  |  |
| e．＇Saucy＇Series：Red，Wine | 24－36＂Sterile hybrid，early－flowering，self－cleaning，blooms April－November，powerhouse plant | 6 | 0.620 |  |  |  |  | 0.06 |

ANNUALS


| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | SAGE |  |  |  |  |  |  |  |
| de Vibe Ignition Series: Fuchsia, Purple, White | 24" Masses of medium sized flowers, freely reflowering throughout the season, small sized glossy mid green foliage, compact, tight rounded habit | 7 | 0.855 |  |  |  |  | 0.06 |
| ea. x . 'Ember's Wish' | 32" Coral-red tubular flowers, coral calyxes, mid to dark green, large oval leaves, dark stems, upright and slightly spreading | 7 | 0.760 |  |  |  |  | 0.06 |
| ea. 'Kisses and Wishes' | 32" Light pink tubular flowers, dark purple calyxes, mid to dark green, large oval leaves, dark stems, upright and bushy | 7 | 0.760 |  |  |  |  | 0.06 |
| ea. 'Love and Wishes' | 32" Pink-purple tubular flowers, dark purple calyxes, mid to dark green, large oval leaves, dark stems, upright and bushy | 7 | 0.760 |  |  |  |  | 0.06 |
| ea. 'Wendy's Wish' | 32" Beetroot tubular flowers, oxblood red calyxes, mid to dark green, large oval leaves, dark stems, upright and bushy | 7 | 0.760 |  |  |  |  | 0.06 |
| de x. guaranitica Bodacious ${ }^{\text {TM }}$ 'Rhythm \& Blues' | Each cobalt-blue flower is held in a black calyx along the tall flower spikes, lush green foliage | 7 | 0.760 |  |  |  |  | 0.06 |
|  | AZTEC FLOWER |  |  |  |  |  |  |  |
| Sunvy Top Gold | Bright yellow flowers hover above dark foliage; tough, tidy plant | 7 | 0.565 |  |  |  |  | 0.06 |
| e. Tsavo ${ }^{\text {TM }}$ Compact Yellow | 8-10" Naturally compact tidy habit, good for high density production, bright colors, easy to grow | 7 | 0.590 |  |  |  |  | 0.06 |
| SATUREJA | INDIAN MINT Please see Herbs \& Vegetables Section, pg. 101 |  |  |  |  |  |  |  |
|  | FAN FLOWER |  |  |  |  |  |  |  |
| 8. Blue Touch | Mounding habit, abundance of extra-large light purple flowers, semi-upright structure | 8 | 0.625 |  |  |  |  | 0.06 |
| ea Bombay ${ }^{\text {® }}$ Series: Dark Blue Imp., Pink Imp., White Imp. | 6-10" Thrives in bright sunny locations, very good branching; Pink is 8-12" | 8 | 0.625 |  |  |  |  | 0.06 |
| Outback Fan ${ }^{\text {Tm }}$ Flower Series: Fan Dancer ${ }^{\text {rm }}$, Summer White Fan ${ }^{\text {mm }}$ | 6-16" Large flower clusters; Summer White Fan blooms light purple when cool, gets white as weather gets hotter | 8 | 0.635 |  |  |  |  | 0.06 |
| se Scala Blue | Low maintenance, drought-tolerant; extremely long bloom season | 8 | 0.605 |  |  |  |  | 0.06 |
| Scalora ${ }^{\circledR}$ Series: Brilliant (dark blue), Fancy (saphira), Glitzy, Topaz Pink | 8-16" Many long time favorites together in their own series; 'Glitzy' = bicolor pink/yellow - unique | 8 | 0.605 |  |  |  |  | 0.06 |
| Scampi ${ }^{\text {® }}$ Series: Blue, Pink, White | 6-10" Large flowers, short internodes, will maintain a tidy habit for months | 8 | 0.665 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| e. Silvery Velvet | 12-16" Silver, cut leaves; upright, mounded habit, color and texture plant | 7 | 0.560 |  |  |  |  | 0.06 |
| SETCREASEA | SETCREASEA Please see Specialty Section, pg. 18 |  |  |  |  |  |  |  |
|  | SNAPDRAGON Please also see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
| Snaptastic Mix | 8-10" Strong root systems make them more heat resistant, strong stems support lateral branching | 6 |  |  |  | 0.140 |  |  |
| Snaptini Series: Mix, Red, Violet, Yellow | 6-8" Controlled and consistent across all seasons, tight flowering window, strong central leader, sturdy branching | 6 |  |  |  | 0.140 |  |  |
| Sonnet Mix | 14" Free-and long-flowering, branching | 6 |  |  |  | 0.140 |  |  |
| SNAPDRAGON - FORCING | SNAPDRAGON - FORCING Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |


| Variety (Red = New!) | Common Name and Description |  | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
| SOLANUM | VARIEGATED POTATO VINE |  |  |  |  |  |  |  |
| ec. jasminoides Variegated | Can get to 10'; green and creamy-white variegated foliage; white, star-shaped flowers with yellow centers; winds its way through combinations for added interest | 8 | 0.655 |  |  |  |  | 0.06 |
| STATICE | STATICE, SEA LAVENDER Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
|  | STOCKS |  |  |  |  |  |  |  |
| Harmony ${ }^{\text {TM }}$ Mix | Dwarf bedding, fragrant, 5 colors | 6 |  |  | 0.170 |  |  |  |
| Vintage Mix | 10" Compact, basal branching | 6 |  |  | 0.170 |  |  |  |
| TALINUM 乷桨 | JEWELS OF OPAR |  |  |  |  |  |  |  |
| paniculatum 'Limon' | 28-32" Chartreuse foliage with delicate dark rose flowers | 7 |  | 0.510 |  |  |  |  |
| TITHONIA | MEXICAN SUNFLOWER Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
|  | WISHBONE FLOWER |  |  |  |  |  |  |  |
| Moon ${ }^{\text {TM }}$ Series: Blue, Magenta, Purple, White, Yellow | 10-20" Large flowers with strong colors, trailing, mounding, loves the heat | 7 | 0.605 |  |  |  |  | 0.06 |
| TRACHELIUM | THROAT FLOWER Please see Specialty Section, pg. 17 |  |  |  |  |  |  |  |
| TRIFOLIUM | RED CLOVER |  |  |  |  |  |  |  |
| e. '4 Luck ${ }^{\circledR 1}$ Series: Coco Mint, Green Glow, Red Green, Red Stripes | 2-4" Multicolored plants form a tight, mounded canopy that is both cold and heat tolerant; exceptional component plants for annual or perennial mixed containers; hardy to zone 4 | 10 | 0.850 |  |  |  |  | 0.0875 |
|  | VERVAIN |  |  |  |  |  |  |  |
| 2. Blues Red | 10-12" Semi-upright, large flowers with strong eye patterns excellent for baskets, combos, good branching | 7 | 0.570 |  |  |  |  | 0.06 |
| bonairiensis 'Finesse' $<$ | 36-48" Abundance of magenta-purple blooms cover tall plants, great filler for borders | 7 |  | 0.428 | 0.265 |  |  |  |
| e. Empress Series: Purple, Violet Blue | Spreading, trailing, great for baskets | 7 | 0.570 |  |  |  |  | 0.06 |
| empress Charme Series: Burgundy, Hot Pink, Strawberry, | White eyes; spreading, trailing, great for baskets | 7 | 0.570 |  |  |  |  | 0.06 |
| empress Flair Series: Burgundy Star, Red, Violet Blue, White | Semi-upright, medium-compact habit; large flowers | 7 | 0.570 |  |  |  |  | 0.06 |
| e Empress Flair Charme Series: Blue, Pink | White eyes; semi-upright, medium-compact habit; large flowers | 7 | 0.570 |  |  |  |  | 0.06 |
| ee. Hurricane ${ }^{\text {TM }}$ Series: $\frac{1}{-1}$ Blue, Hot Pink, Pink, Violet Red | Early flowering, compact, vibrant, contrasting bicolor blooms, mounding habit, good for quart production | 7 | 0.555 |  |  |  |  | 0.06 |
| Lanai ${ }^{\oplus}$ Series: Blue, Blue Denim, Blue Eyes, Bright Eye, Candy Cane Imp., Cyclops Purple (large white eye), Deep Pink, Deep Purple, Early Dark Red, Lavender Star, Magenta, Neon Rose, Peach, Pink, Purple Star, Red, Red Star, Royal Purple w/ Eye, Scarlet, Scarlet w/ Eye, Sky Blue, Strawberry, Vintage, White | 6-10" Non-stop color in the landscape, highly rated in university and grower trials, excellent mildew resistance, wide assortment of colors, wide assortment of colors, strong trailing habits are ideal for hanging baskets and combos | 7 | 0.575 |  |  |  |  | 0.06 |
| da Lanai ${ }^{\text {® }}$ Compact Lime Green | 4-6" The Lanai you know and love, now in a more controlled package, ideal for smaller containers and baskets, vibrant blooms, perfect spring mixer | 7 | 0.575 |  |  |  |  | 0.06 |
| ec. Lanai ${ }^{\circledR}$ Twister ${ }^{\text {Tw }}$ Series: $\triangle$ Pink, Purple, Red $®$ | 6-10" Sharp contrast within flowers, improved vigor to fill containers and provide a premium finish | 7 | 0.575 |  |  |  |  | 0.06 |
| a Lanai® ${ }^{\circledR}$ Upright Series: Purple w/ Eye, Scarlet, True Blue | 8-12" Upright growth habit for high-density, pot tight production; perfect pop of color for bold combos | 7 | 0.575 |  |  |  |  | 0.06 |
| e Lanai ${ }^{\text {® }}$ Upright Twister ${ }^{\text {™ }}$ Series: Rose, Watercolor | 12-16" Upright growth habit is easier to grow on the bench | 7 | 0.575 |  |  |  |  | 0.06 |
| Le. Lascar ${ }^{\text {TM }}$ Series: Burgundy, Mango Orange, White | 12-14" Early-flowering uniform series of medium-vigor verbena is perfect for 1-gallon pots and hanging baskets | 7 | 0.570 |  |  |  |  | 0.06 |
| Vivid ${ }^{\circledR}$ Series: Brilliant Rose, Deep Blue, Deep Purple, Peach, Red, Rose, Swirl White-Lavender, White | 5-8" Well matched series, trialed extensively and are mildew resistant; leaf type and plant habit consistent for easier production, great in mixed containers | 7 | 0.585 |  |  |  |  | 0.06 |

## Bloomin Pluess



| Variety (Red = New!) | Common Name and Description | Lead Time In Weeks | Bloomin Plugs Price |  |  |  |  | Tag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 50 | 125 | 210 | 280 | 375 |  |
|  | VERVAIN |  |  |  |  |  |  |  |
| e. Vivid ${ }^{\circledR}$ Delicious Series: Blue, Cherry, Purple | 5-8" Dark eyes; well matched series, trialed extensively and are mildew resistant; leaf type and plant habit consistent for easier production, great in mixed containers | 7 | 0.585 |  |  |  |  | 0.06 |
| e. Voodoo ${ }^{\text {® }}$ Pink Star | 10" Semi-trailing, large, single, star pattern flower clusters, dark green broad leaves, vigorous growth, mildew resistant | 7 | 0.555 |  |  |  |  | 0.06 |
| ee. Wicked Series: Cool Blue, Hot Pink, Mad Magenta, Purple, Rad Red | Unique multicolor flowers add novelty and adventure to any garden | 7 | 0.570 |  |  |  |  | 0.06 |
| ex. hybrida 'Homestead' Purple | 6-12" Nicely spreading, blooms continuously until first frost | 7 | 0.485 |  |  |  |  | 0.06 |
| VERONICA 颣 | SPEEDWELL |  |  |  |  |  |  |  |
| 'Vernique ${ }^{\text {®1 }}$ Series: Blue Imp., Dark Blue, Pink, Rose Imp., Shining Seas, White | 10-14" First year flowering, can be scheduled to finish early spring to fall, compact, wide color range; hardy to zone 4 | 8 | 0.780 |  |  |  |  | 0.0875 |
| VINCA 漯 | MADAGASCAR PERIWINKLE |  |  |  |  |  |  |  |
| Cora ${ }^{\circledR}$ F1 Series: Deep Lavender, Mix, Pink, Punch, Red, Strawberry, Violet, White | 14-16" Huge flowers, thick glossy green foliage, resistant to many forms of Aerial Phytophthora, uniform habit and flowering times | 7 |  |  | 0.247 |  |  |  |
| Cora ${ }^{\oplus}$ Cascade F1 Series: - Cherry Imp., Mix, Polka Dot, Shell Pink, Strawberry | 6-8" Up to 36" in width, trailing habit, same Aerial Phytophthora resistance of 'Cora'. Super large blooms cover the plant, no bald spots | 7 |  |  | 0.295 |  |  |  |
| Pacifica XP Series: Dark Red, Mix, Polka Dot, Punch, Raspberry, White | 10-14" Large, early, vigorous, amazing uniformity, 5-7 day flowering window | 7 |  |  | 0.184 |  | 0.108 |  |
| Tattoo ${ }^{\text {TM }}$ Series: Black Cherry, Papaya, Raspberry, Tangerine | 10-14" Tropical colored petals are swirled with soft bruch strokes of black | 7 |  |  | 0.247 |  |  |  |
| Titan ${ }^{\text {TM }}$ F1 Series: Bubblegum Mix, Dark Red Imp., Polka Dot, Punch | 14-16" Mounded, upright, early blooming, superior branching, big flowers, vigorous | 7 |  |  | 0.247 |  |  |  |
| Vitesse F1 Series: Pink, Raspberry | 12-14" Well-branched, perform in extreme conditions: hot and humid or cool with low light | 7 |  |  | 0.233 |  |  |  |
|  | 2 cuttings per cell |  |  |  |  |  |  |  |
| e major 'Expoflora' | 4-8" Green leaf w/ wide creamy edge, high contrast variegation | 8 | 0.555 |  |  |  |  | 0.06 |
| ec 'Maculata' | 4-8" Deep green leaf w/ gold centers, fast grower | 8 | 0.565 |  |  |  |  | 0.06 |
| ec 'Variegata' | 4-8" Green leaf w/ wide creamy edge | 8 | 0.545 |  |  |  |  | 0.06 |
|  |  |  |  |  |  |  |  |  |
| Sorbet XP Series: Mix, Spring Select Mix | 6" Bushy, wide color range | 7 |  |  |  | 0.133 |  |  |
|  | ZINNIA Please also see Specialty Section, pg. 13 |  |  |  |  |  |  |  |
| elegans 'Dreamland ${ }^{\text {Tm }}$ Mix' | 8-10" Early, large dahlia-flowered type, excellent choice for pot and pack sales | 5 |  |  | 0.233 |  |  |  |
| 'Queeny Lime Orange' (A) © | 18-24" Striking shades of lime, yellow, peach, salmon and orange bicolor patterns; 2-4" wide flowers | 5 |  |  | 0.200 |  |  |  |
| hybrida 'Profusion Five Color Mix' | 12-15" Bushy and full, 2" flowers, excellent basal branching, uniform plant habit | 5 |  |  | 0.218 |  |  |  |



To Do List

1. Grow super Heres
2. Conquer the Universe



## Largest Blooms \& Fastest Finish

TOPHAT ${ }^{\text {TM }}$ is ahead of the pack with the largest blooms in the jumbo-sized, interspecific Begonia class. Finishes at least 1 week earlier than the leading competitors.


The only white in its class, Tophat is easy to finish in 306-packs up to large patio containers

Largest blooms in its class

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syngenta flowers


Risellow
The RiseUp collection of garden begonias are recognized by the best branching in the industry. followed by unstoppable flower power in both sun and shade. These begonias have an abundance of medium sized flowers that stay facing upright in the garden for maximum cotor impact. The collection contains both singles and doubles in a wide range of vibrant colors. These varieties wilt make superb additions to hanging basket programs, quart containers and combination planters.


## Agastache POQUITO"' Collection

- The most compact Agastache collection on the market
- Extended color range
-Clean, disease resistant foliage
- Bee \& butterfly magnets
- No pinch, no PGR habits
- Increased winter hardiness
- Great for mixed containers


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## -



Cress


Lavender New Madrid Rose


Pepper Snackabelle Red


Hesperozygis Sunrise Mojito


Lavender Paris Blue


Strawberry Summer Breeze Rose


Lavender Madrid Lavish Pink


Mint Basil


Swiss Chard Fire Fresh


Lavender Madrid Magnum Purple


Mint Thai


Thyme Cascata Lemonade


Lavender New Madrid Blue


Pepper Longhorn


Tomato Midnight Snack

## Ed-Ables

## Ed-Ables ${ }^{\circledR} 50$ Strips

51 strip sold as 50

Nicely aged and well rooted liners, vegetatively and seed grown

- Size: 1.19 in. x 1.62 in. deep 51 cells sold as 50
- Uses: 3 in. pots and larger combination containers
- Availability: Vegetative propagated plants - 11.5.18 thru 5.17.19. Please call for other dates. Seed propagated available all year round.
- Royalties: All royalties are listed separately
- Tags: Custom-designed tags will ship with your plants. They will be billed at $\$ 0.11$ per tag ( $\$ 5.50$. per strip). Tag freight is included in tag price.


Custom tags come with most 50 Strip Vegetable and Herb orders. The custom design of vegetable and herb tags is a trademark of Gro 'n Sell, Inc.


HOLLAND STRAWBERRY HOUSE

## ED-Ables

## HERBS AND VEGETABLES COMBOS

- Each collection includes: 300 plugs, 6 varieties (1 tray of each); 50 of each, and 50 large custom illustrated tags
- Fast turns in combo planters
- 10 weeks lead time


## Italiano

Basil Sweet Genovese, Chives Garlic, Oregano Italian, Parsley Italian,
Rosemary officinalis, Sage Berggarten

## Price: \$152.50

## Mediterranean Delight

Mint Spearmint, Oregano Greek, Rosemary officinalis Barbeque, Sage Purple Savory Winter Creeping, Thyme Lemon Variegated
Price: \$171.00

## Mexicana

Basil Sweet Genovese, Culantro Mexican, English Thyme, Marioram Compact, Oregano Hot \& Spicy, Pepper Basket of Fire

## Price: $\$ 159.00$

## Soup du Jour

Basil Sweet Genovese, Marjoram Compact, Marjoram Za’Atar, Rosemary prostratus, Savory Winter, Thyme English Compact

## Price: \$166.00

Tea Lover's
Chamomile Roman, Lemon Verbena, Mint Chocolate, Mint Peppermint, Mint Kentucky Colonel, Stevia Honey Dip
Price: \$159.00

Mediterranean Combo


Mexicana Combo


Tea Lover's Combo


DRINKABLES
HERB COMBOS

## D) RINK-ABLES Mo, iTO MIX

(1) 17 STRIP EACH OF 3 VARIETIES 51 plants total per Drink-Able™ combo 6 Unique Flavors 17 custom tags included for each flavor MINT
STEVIA
MINT

Finishes in 5-8 weeks!
Pricing: includes Custom Tag and any applicable royalties
Minimum Order: Two Combos, but order all 6, fills 1 Box

Order in Multiples of 2 Combos
( 1 combo $=1 / 2$ tray; full box=6-1/2 trays or all 6 combos Great for planting in $6 ", 8$ " or $10^{\prime \prime}$ )

Basil Lemonade: \$52.00 ea. Bloody Mary : \$38.00 ea. Golden Rum: $\$ 41.25$ ea. Mint Julep: \$41.25 ea. Mojito Mix: \$45.25 ea. Piña Colada: \$42.00 ea.


HERBS AND VEGETABLES


| Variety（Red＝New！ | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
|  | ARUGULA |  |  |  |
| Arugula Rocket | Heirloom variety，tangy，peppery leaves used in salads | 4 | 0.365 | 0.110 |
| Simply Salad ${ }^{\text {TM }}$ Arugula | 12－18＂Upright，culinary，leaves get spicier as they mature，use for salads，braising GENERIC TAG | 4 | 0.325 | 0.060 |
|  | EGGPLANT |  |  |  |
| Pot Black | 20＂Compact，high yielding，producing beautiful small purple fruit | 6 | 0.435 | 0.110 |
| BARBAREA 沙济 | CRESS |  |  |  |
| vernea Simply Salad ${ }^{\text {TM }}$ Cress | 6－12＂Mounded，leaves have great spicy flavor，perfect for salads，braising GENERIC TAG | 5 | 0.325 | 0.060 |
| BASIL | Please see Ocimum below |  |  |  |
|  | CATMINT |  |  |  |
| e Variegata | 18＂White and cream splashed green leaves，blue flowers，fragrant | 8 | 0.560 | 0.110 |
| CAPSICUM，HYBRID 沙 | PEPPER dth＝Days to Harvest，SHU＝Scoville Heat Units |  |  |  |
| Basket of Fire 童晋 | $90-95$ dth， 80000 SHU Small hot fruits on a compact semi－trailing plant，fruits mature from deep purple to cream and orange to a bright red，great for baskets and containers | 7 | 0.485 | 0.110 |
| Alter Ego 電 | 85－95 dth，as the name suggests it＇s hot but also sweet；naturally dwarf habit，large upward facing fruits are very ornamental，will turn from shades of cream and light purple to fully mature bright red <br> GENERIC TAG | 7 | 0.485 | 0.060 |
| Better Belle | 65 dth，Blockier，thicker walled and earlier than the original；four－lobed peppers mature from green to bright red，a vigorous variety，tobac－ co mosaic virus resistant | 7 | 0.415 | 0.110 |
| Big Bertha | 72 dth，The largest elongated bell pepper available， 3 to 4 lobes and thick walls，sets more and even larger fruit than the original，resistant to tobacco mosaic virus | 7 | 0.415 | 0.110 |
| Candy Cane Red | 40－45 days to mature green striped，60－65 ripe red；snack pepper with uniquely variegated foliage，elongated bell－shaped fruit ripens from green and white stripes to solid red；thin walls and crispy texture make it perfect for eating at any stage GENERIC TAG | 7 | 0.475 | 0.060 |
| Desperado ${ }_{\text {童 }}$ | 70 dth，very mild 350－600 SHU；bold attitude，high yields，tall plants provide good cover to protect harvests from summer sun． Smooth，straight fruits， 7.5 ＂x1．5＂，mostly 2 lobed；heavy for their size with medium wall thickness <br> GENERIC TAG | 7 | 0.415 | 0.060 |
| Liberty Belle 堂 | 73－78 dth，naturally dwarf habit，very high yielding；immature fruits are light green，maturing to bright yellow；large，well－shaped and very sweet tasting GENERIC TAG | 7 | 0.485 | 0.060 |
| Longhorn 童 | 85－95 dth，15－20000 SHU vigorous，high－yielding；very long red fruits have an unusual curl at the end；bred in intense heat and will withstand high heat and direct sun；may need to be supported if grown in container due to large volume of fruit GENERIC TAG | 7 | 0.475 | 0.060 |
| Mad Hatter F1 | 65－70 days to mature green，85－90 to ripe red；eye－catching flattened disc－shaped fruit has lobes（wings）and is crunchy and crisp for fresh eating at any stage，delicatre floral scent and rich flavor that intensifies and sweetens as it matures；large stature plant benefits from staking or trellis GENERIC TAG | 7 | 0.485 | 0.060 |
| Mohawk 童会 | 15－20＂A compact sweet pepper which has a cascading habit，good for hanging baskets and planters，produces small，block－shaped green fruits which ripen to a bright orange | 7 | 0.435 | 0.110 |


| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
| CAPSICUM，HYBRID－Continued 㴆 | PEPPER dth＝Days to Harvest，SHU＝Scoville Heat Units |  |  |  |
| Ponky Peppers ${ }^{\text {TM }}$ F1 Spicy Jane | 125 dth，Deep，rich，red，spicy hot fruit covers the plant，mounding，trailing pepper easily fills a 12 ＂basket．Good for indoor and outdoor production GENERIC TAG | 7 | 0.570 | 0.060 |
| Redskin 童自 | 75－80 dth A compact sweet pepper with an arching habit，suitable for hanging baskets，fruits mature from dark green to a bright red，easy to pick，a crisp sweet flavor | 7 | 0.435 | 0.110 |
| Snackabelle Red | 55－60 days to green，70－75 days to full ripe；mini－bell type，green to deep red；thick walled，blunt－end peppers have rich，sweet flavor；fruits are 2－2 $1 / 4$＂tall and wide．GENERIC TAG | 7 | 0.415 | 0.060 |
| CAPSICUM，NON－HYBRID 䏈 | PEPPER dth＝Days to Harvest，SHU＝Scoville Heat Units |  |  |  |
| California Wonder | 70 dth，Thick－walled and blocky，about 4＂x 4＂，a crisp，mild flavor and terrific sweetness，turn from green to red when mature，good for stuffing， fresh eating，salads，salsa，and pickling | 7 | 0.330 | 0.110 |
| Jalapeno | 75 dth，2500－8000 SHU，Fiery，thick－walled peppers grow 3＂long and 1－1／2＂wide，dark green at first then turning red，good for fresh use， pickling，and salsa | 7 | 0.330 | 0.110 |
| CHAMAEMELUM 縣 0 | CHAMOMILE |  |  |  |
| ca．nobile＇Flore Pleno＇ | 6＂Carpet forming evergreen perennial，delicate apple fragrance | 6 | 0.515 | 0.110 |
| Roman | Low－growing perennial herb，medicinal qualities，good for tea | 5 | 0.410 | 0.110 |
| CHIVES 縣 | CHIVES |  |  |  |
| Chives | 12－15＂Onion flavor，tubular leaves，edible lavender flowers | 5 | 0.410 | 0.110 |
| Garlic | 12－15＂Onion／garlic flavor，flat leaves，edible white flowers | 5 | 0.410 | 0.110 |
| CORIANDER／CILANTRO 澿 | CORIANDER／CILANTRO |  |  |  |
| Coriander | 24＂White flower；＂Coriander＂refers to seeds of plant，＂Cilantro＂refers to foliage | 5 | 0.410 | 0.110 |
| CULANTRO 沙 | MEXICAN CILANTRO |  |  |  |
| Mexican | 14＂Compact growth，green，lance－shaped leaves used for flavor in cuisine | 9 | 0.475 | 0.110 |
| CYMBOPOGON 䏈 | LEMON GRASS |  |  |  |
| e citratus＇Lemon Grass＇ | 30－60＂Grass－like stalks，strong lemon flavor best known in Asian cuisine，harvest when stems are 1／2＂＂thick or more；cook with inner white centers either fresh or dried．THESE ARE IN A LARGE 50 CELL TRAY！ | 20 | 1.740 | 0.110 |
| flexuosus＇Lemon Grass＇ | Long thick grass，adds lemony flavor to Asian cooking or any soups | 8 | 1.080 | 0.110 |

## SYMBOL GUIDE



HERBS AND VEGETABLES


| Variety (Red = New!) | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag* |
| :---: | :---: | :---: | :---: | :---: |
| DILL 敟 | DILL |  |  |  |
| Bouquet | 18" Extra-large seed heads, excellent for pickling | 5 | 0.420 | 0.110 |
| Fernleaf (A) | 18" Green, feathery leaves, yellow flowers yield useful seeds | 5 | 0.420 | 0.110 |
| FENNEL 沙 | FENNEL |  |  |  |
| Bronze | 48" Feathery purple-brown leaves, use seeds and leaves | 5 | 0.420 | 0.110 |
| Green | 48" Feathery green leaves, use seeds and leaves | 5 | 0.420 | 0.110 |
|  | CURRY PLANT |  |  |  |
| ce Dwarf | 6 " Clusters of tiny yellow flowers on silver foliage, fragrant - 2 cuttings per cell | 10 | 0.660 | 0.110 |
|  | SAVORY |  |  |  |
| e $\times$ satureja 'Midnight Mojito' | 10-12" Fragrant, massive amounts of purple flowers GENERIC TAG ROYALTY $=\$ 0.14$ | 7 | 0.515 | 0.060 |
| e 'Sunrise Mojito' | 10-12" Fragrant, massive amounts of pink/yellow flowers GENERIC TAG ROYALTY $=\$ 0.14$ | 7 | 0.515 | 0.060 |
|  | LAVENDER |  |  |  |
| cangustifolia 'Blue Dwarf' | 12" Compact, uniform habit | 10 | 0.575 | 0.110 |
| 'Blue Spear' | 11-13" Big, tall spikes; upright, close-together stems for huge impact from a distance, FROM SEED GENERIC TAG | 8 | 0.495 | 0.060 |
| 'Ellagance Purple' © | 10-12" Intense purple-blue, silver-green foliage, uniform grower FROM SEED | 8 | 0.445 | 0.110 |
| se 'Forever Blue' | 12-14" Deep blue flowers, remarkably early flowering GENERIC TAG ROYALTY $=\$ 0.07$ | 10 | 0.575 | 0.060 |
| ia 'Hidcote Blue' | 12" Purple flower, good form and blooming habit, semi-dwarf | 10 | 0.575 | 0.110 |
| ic 'Munstead' | 18" Fragrant blue-violet flowers, narrow gray leaves | 10 | 0.575 | 0.110 |
| 'Munstead' | 18" Blue-violet flowers, narrow gray leaves, FROM SEED | 10 | 0.435 | 0.110 |
| se. 'Platinum Blonde' PPAF | 16-24" Soft blue flowers, beautiful cream and green leaves, neat, compact GENERIC TAG ROYALTY = \$0.13 | 10 | 0.585 | 0.060 |
| 'Vicenza Blue' | 12" Fragrant deep blue flower spikes, FROM SEED | 9 | 0.445 | 0.110 |
| de dentata | 24" Light purple flowers, deeply serrated leaves | 8 | 0.545 | 0.110 |
| de 'Evermore Blue' | 12-14" Purple blue flowers, attractive grey-green serrated foliage, extremely fragrant GENERIC TAG ROYALTY = \$0.08 | 8 | 0.555 | 0.060 |
| 'Paris® Blue' | 12-15" Compact habit, perfect for gallon production; high number of natural breaks make for unparalelled full season color; royalty included in price GENERIC TAG | 8 | 0.720 | 0.060 |
| multifida 'Blue Torch' | 16-28" Blue flowers on fern-leaved, silvery grey foliage, sweet lavender-oregano scent, very fast in production - 15 to 16 weeks to flowering in 1 gallon pots, FROM SEED GENERIC TAG | 8 | 0.445 | 0.060 |
| de stoechas 'Kew Red' | 12-16" Carmine flowers with light pink bracts, light green leaves | 9 | 0.575 | 0.110 |


| Variety (Red = New!) | Common Name and Description | Lead Time in Weeks | $\begin{aligned} & 50 \text { Price } \\ & \text { Strip } \end{aligned}$ | Custom Designed Tag* |
| :---: | :---: | :---: | :---: | :---: |
|  | LAVENDER |  |  |  |
| stoechas ‘Madrid ${ }^{\otimes}$ Lavish ${ }^{\otimes}$ Series: Pink, Purple, White | 12-18" Breakthrough breeding; compound flower heads produce copious quantities of beautiful bracts; royalty included in price GENERIC TAG | 9 | 0.750 | 0.060 |
| da 'Madrid' Magnum Purple | 15-20" Large purple flowers with lavender bracts, excellent pot performance, larger plants, ideal for 2 gallon production; royalty included in price GENERIC TAG | 9 | 0.720 | 0.060 |
| $\begin{aligned} & \text { 'New Madrid' }{ }^{\text {® }} \text { Series: Blue, } \\ & \text { Purple, Rose } \end{aligned}$ | 12-18" Bred for improved earliness to flower and plant uniformity across series; large flowers with large bracts; royalty included in price GENERIC TAG | 9 | 0.720 | 0.060 |
| x. 'Goodwin Creek' | 28" Dark purple-blue flowers, toothed, woolly silver leaves | 8 | 0.555 | 0.110 |
| de. x . intemedia 'Phenomenal ${ }^{T M}$ ' | 24-32" Extremely healthy, robust and tough, silvery foliage ROYALTY $=\$ 0.14$ | 10 | 0.585 | 0.110 |
| de. 'Provence' | 12-20" Aromatic shrub with silver-gray leaves | 10 | 0.575 | 0.110 |
|  | LEMON VERBENA |  |  |  |
| de Lippia Citriodora | to 10' Upright, bushy, lance-shaped, lemon-scented leaves | 8 | 0.560 | 0.110 |
|  | LOVAGE |  |  |  |
| Lovage | 48-78" Young leaves taste like celery, aromatic stimulant | 7 | 0.420 | 0.110 |
|  | MARJORAM |  |  |  |
| 2. Origanum vulgare 'Compactum' | 6" Compact marjoram, light purple flower, nice compact habit | 8 | 0.555 | 0.110 |
| MELISSA | LEMON BALM |  |  |  |
| ce officinalis 'Lemon Balm' | 18-24" Deep green, glossy, strongly lemon scented leaves, good for teas, salads, soups and vegetables GENERIC TAG | 6 | 0.505 | 0.110 |
|  | MINT |  |  |  |
| ce arvensis 'Banana' | 12" Prostrate, small lilac flowers, green foliage, unique flavor | 6 | 0.505 | 0.110 |
| e gracilis 'Ginger' | 6-12" Violet flowers, spreading habit with ginger-flavored leaves | 6 | 0.505 | 0.110 |
| de 'Jessica's Sweet Pear' | 18-20" Upright, fits perfectly into combinations, great for tea! GENERIC TAG | 6 | 0.505 | 0.060 |
| e piperita 'Peppermint' | 24" Deliciously spicy scent, great for tea! GENERIC TAG | 6 | 0.505 | 0.110 |
| e spicata 'Kentucky Colonel' | 24 " Sweet/spicy flavor, great for jelly and juleps GENERIC TAG | 6 | 0.505 | 0.060 |
| e 'Spearmint' | 30" True spearmint flavor, green serrated leaves | 6 | 0.505 | 0.110 |
| suaveolens 'Apple' | 36 " Apple-scented, somewhat wrinkled, hairy leaves, pinkish-white whirled flowers in summer GENERIC TAG | 6 | 0.505 | 0.060 |
| (e) 'Variegated Pineapple' | 24 " Attractive green and white variegated leaf, sweet pineapple scent | 6 | 0.505 | 0.110 |
| ce 'Thai' | 18-20" Mounding/trailing, highly aromatic, great for infusion GENERIC TAG | 6 | 0.505 | 0.060 |
| e x. piperita f. citrata 'Chocolate' | 24" Bronzy peppermint-like foliage with a surprising scent | 6 | 0.505 | 0.110 |
| se 'Grapefruit' | 12-14" Slightly furry, deep green leaves, strong grapefruit overtones | 6 | 0.505 | 0.110 |

## Herbs And VEgetables

| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | $\begin{gathered} \hline \text { Custom } \\ \text { Designed } \\ \text { Tag}^{\star} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| ex．piperita f．citrata＇Orange＇ | 24＂Very fragrant，neat，attractive habit | 6 | 0.505 | 0.110 |
| ee＇Basil＇ | 20＂Broad green leaves，distinct basil－mint flavor GENERIC TAG | 6 | 0.505 | 0.060 |
| e．＇Strawberry＇ | 36＂Unique strawberry／chocolate flavored edible leaves，excellent taste，good for tea | 6 | 0.505 | 0.110 |
| e． x villosa＇Mojito＇ | 36＂Refreshing mint flavor and fragrance，pinkish white blooms | 6 | 0.505 | 0.110 |
| NASTURTIUM 縣 |  |  |  |  |
| Phoenix Mix | 10－12＂Rarely seen split－petal flower form；shades of flaming，glowing，red and orange blooms are edible as well as colorful；16－18＂vining spread GENERIC TAG | 5 | 0.450 | 0.060 |
| NEPETA 沙學 | CATMINT |  |  |  |
| cataria＇Catnip＇ | 24－48＂Cat－attracting perennial with gray－green leaves，white flowers | 6 | 0.410 | 0.110 |
|  | BASIL |  |  |  |
| Aristotle | Tasty and ornamental Greek basil，mounded，neat habit | 6 | 0.435 | 0.110 |
| basilicum Dolce Fresca（A） | 12－14＂Tidy compact shape，high quality basil，unique bushy habit with shorter internodes，high yield，sweet tender leaves | 6 | 0.420 | 0.110 |
| ＇Everleaf Genovese＇ | 18－24＂Ready to harvest at 30－45 days from transplant；late flowering allows for large，continuous harvests；beautiful columnar plant stays tidy in－ground or container <br> GENERIC TAG | 6 | 0.475 | 0.060 |
| basilicum＇Genovese’ | 18－24＂One of the most popular herbs，makes great pesto | 6 | 0.420 | 0.110 |
| ee．＇Greek Columnar＇ | Non flowering，columnar appearance，green foliage | 6 | 0.540 | 0.110 |
| Lemon＇Sweet Dani＇（A） | 26－30＂Long，light olive 3＂leaves，sweet，pungent lemon flavor | 6 | 0.420 | 0.110 |
| ＇Lettuce Leaf＇ | 12＂Large creased leaves，lots of foliage，ideal for production | 6 | 0.420 | 0.110 |
| ＇Purple Ruffles＇（A） | 16－20＂Purple，lacy，3＂leaves | 6 | 0.420 | 0.110 |
| ＇Red Rubin＇（A） | 18－24＂Vigorous，Italian large leaf type，copper－tinged purple | 6 | 0.420 | 0.110 |
| ＇Spicy Globe＇ | 6＂Mounded，compact，excellent flavor | 6 | 0.420 | 0.110 |
| ＇Thai Magic＇ | 18－22＂Very unusual glossy 4＂long leaf，very aromatic | 6 | 0.420 | 0.110 |
| ＇Try Basil＇ | Genovese，serrated－leaf，and dark red selections of basil in one seed pellet for an interesting mix of flavors；quick crop | 5 | 0.435 | 0.110 |
| ee x．citriodorum＇Pesto Perpetuo＇PP16260 | Light green foliage，edged in creamy white $\quad$ ROYALTY $=\$ 0.065$ | 6 | 0.555 | 0.110 |
|  | OREGANO |  |  |  |
| Oregano | Aromatic leaves FROM SEED | 9 | 0.420 | 0.110 |
| e．＇Supreme＇ | 8－10＂Highly aromatic，semi－trailing，hardy to zone 5，leading potted Oregano in Italy | 7 | 0.560 | 0.110 |
| ee．vulgare＇Aureum Gold＇ | 8＂Golden yellow leaves，forms distinctive yellow carpet | 7 | 0.560 | 0.110 |
| ee＇Aureum Variegated＇ | 8＂Low，prostrate habit，white－yellow variegated leaves | 7 | 0.560 | 0.110 |
| e＇Greek＇ | 18＂Large，dark green leaves，very common for cooking | 7 | 0.560 | 0.110 |
| e＇Hot \＆Spicy＇ | 12－18＂Strong aroma and flavor，great cooking oregano | 7 | 0.560 | 0.110 |
| e＇Italian＇ | 24＂Sweet flavor，pink flowers，small，light green leaves | 7 | 0.560 | 0.110 |


| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
| PARSLEY 浸 | PARSLEY |  |  |  |
| Dark Green Italian | Huge，glossy dark green leaves；extremely flavorful，upright habit with moderately cut leaves | 7 | 0.420 | 0.110 |
| Italian | 12＂flat，dark green，toothed leaves | 7 | 0.420 | 0.110 |
| Pagoda（curly） | 12＂Moss curled leaves，long stems | 7 | 0.420 | 0.110 |
| PEPPER Please see Capsicum，above |  |  |  |  |
| PERSICARIA 乷 | VIETNAMESE CORIANDER |  |  |  |
| e odorata＇Vietnamese Coriander Cascata＇${ }^{\text {rm }}$ | 10－12＂Spicy herb used for Asian cooking GENERIC TAG | 9 | 0.535 | 0.060 |
| RHUBARB 浸 |  |  |  |  |
| Victoria | Most popular type，considered to be a green variety；roots and leaves are poisonous；thick green and red stalks are ready for harvest in third year． Hardy to zone 3．Grow in well－drained soil；disease and pest resistant． | 9 | 0.450 | 0.110 |
|  | ROSEMARY |  |  |  |
| officinalis | 24－36＂Blue flowers，regular variety，upright bush habit，FROM SEED | 10 | 0.485 | 0.110 |
| ea．officinalis | 24－36＂Blue flowers，regular variety，upright bush habit | 10 | 0.575 | 0.110 |
| ec＇Arp＇ | 48＂Clusters of tiny blue blooms，aromatic leaves | 10 | 0.575 | 0.110 |
| e＇Barbeque＇ | 36＂Very thick upright stems can be used as skewers | 10 | 0.575 | 0.110 |
| ca＇Gorizia＇ | 48－60＂Broad，ginger scented leaves，rigidly upright | 10 | 0.575 | 0.110 |
| de＇Prostrate＇会 $\boldsymbol{O}$ | 6＂Lavender flowers，trailing，good ground cover，aromatic | 10 | 0.575 | 0.110 |
| ee．＇Tuscan Blue＇ | 60＂Bright lavender－blue flowers，upright | 10 | 0.575 | 0.110 |
| e．＇Upright Pink＇ | 24－36＂Pink flowers，regular variety，upright bush habit GENERIC TAG | 10 | 0.575 | 0.060 |
|  | RUE |  |  |  |
| graveolens | 24－36＂Lacy blue－green ornamental，pungent aroma | 9 | 0.420 | 0.110 |
|  | SAGE |  |  |  |
| de．＇Honey Melon＇ | 18－24＂Miniature pineapple sage，fruity scent，long blooming | 6 | 0.540 | 0.110 |
| de＇Pineapple＇ | 36＂Red flower spikes，pointed green leaves，pineapple scent | 6 | 0.540 | 0.110 |
| e officinalis＇Berggarten＇ | 24＂Purple flowers in summer，aromatic leaves | 7 | 0.545 | 0.110 |
| ece＇Berggarten Variegated＇ | 20＂Purple flowers in summer，decorative leaves，fresh flavor GENERIC TAG | 7 | 0.545 | 0.060 |
| ece＇Icterina＇ | 20＂Blue／mauve flowers，bushy，golden，textured leaves | 7 | 0.545 | 0.110 |
| ea＇Purpurea＇ | 24＂Blue spike flowers，oval purple leaves | 7 | 0.545 | 0.110 |
| ec＇Tricolor＇ | 24＂Blue spike flowers，pink，white，purple，green leaves | 7 | 0.545 | 0.110 |
| ea＇Tricolor Bicolor＇ | 24＂Clone from＇Tricolor＇but stays white and green only | 7 | 0.545 | 0.110 |
| Sage | Gray－green foliage，small lavender bloom FROM SEED | 5 | 0.420 | 0.110 |
|  | SAVORY |  |  |  |
| 2．Indian Mint 01 | Highly fragrant，minty aroma，edible，long trailing plant－up to 60＂in a season！Great hanging basket accent GENERIC TAG | 7 | 0.600 | 0.060 |

HERBS AND VEGETABLES

| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom <br> Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
|  | SAVORY |  |  |  |
| de montana | 12－16＂Light pink flowers，upright，compact，fragrant，butterflies love them | 9 | 0.545 | 0.110 |
| e．repens＇Winter Creeping＇ | 4－6＂Tiny white flowers，small green leaves，prostrate | 9 | 0.545 | 0.110 |
|  | SALAD MIX |  |  |  |
| City Garden Mix | 8－12＂Traditional mix of red and green leaf lettuces，easy on the palate，sown from multi－pelleted seeds | 5 | 0.370 | 0.110 |
| Kale Storm | 12－24＂Attractive mix of textures and colors，including purple，green and blue．Won＇t bolt，can be planted in the ground for all season harvest | 5 | 0.370 | 0.110 |
| Summer Picnic | 12＂Season－extending all－lettuce mix of late－bolting varieties；includes greens \＆reds | 5 | 0.370 | 0.110 |
|  | SORREL |  |  |  |
| Sorrel | Heirloom variety，the popular large leaved French type，used in sauces，soups，gravy \＆salads | 6 | 0.420 | 0.110 |
|  | STEVIA |  |  |  |
| ea rebaudiana | 48－60＂White flowers in summer，green leaves，sugar plant | 7 | 0.560 | 0.110 |
| e．＇Honey Dip＇PPAF | $36-42$＂Burpee breeding，sweet as honey，great as a sugar substitute，in fact，you won＇t believe it＇s NOT sugar ROYALTY＝\＄0．04 | 7 | 0.560 | 0.110 |
| e＇Sugar Love＇ | 24－36＂Deep green leaves，highly uniform plants，good basal branching ROYALTY $=\$ 0.066$ | 7 | 0.560 | 0.110 |
| STRAWBERRY－ALPINE 乷童会 | ALPINE STRAWBERRY |  |  |  |
| Reine des Vallees | In French means＂Queen of the Valleys＂．Red fruit has excellent taste and aroma and the plants are very productive | 10 | 0.425 | 0.110 |
| Temptation | Ever－bearing alpine strawberries，easy to grow，bears good sized deep red fruit first season | 10 | 0.425 | 0.110 |
| White Soul | Excellent tasting large white fruit produced by a very strong grower．Will＂fool the birds＂；they don＇t go after it as much as the red ones | 10 | 0.445 | 0.110 |
| Yellow Wonder | Fruit is pale yellow and soft at full ripe；very sweet with a strong wild aroma | 10 | 0.445 | 0.110 |
|  | HYBRID STRAWBERRY |  |  |  |
| Beltran | Vigorous，produces abundant aromatic fruit throughout whole summer，compact，few runners，great for hanging baskets | 10 | 0.615 | 0.110 |
| Delizz（A） | Beautiful orange red，wonderfully sweet tasting and aromatic fruit，day neutral plant will flower throughout the summer，even in high heat． Uniform，compact plants are perfect for containers，hanging baskets or garden plots | 10 | 0.725 | 0.110 |
| Elan | Vigorous growth，the ever－bearing gourmet strawberry，very sweet red fruit，30－50\％more vitamin C than other everbearing varieties | 10 | 0.635 | 0.110 |
| Frisan | Hot pink flowers and a vigorous trailing habit that＇s ideal for hanging baskets，very productive，high fruit yields | 10 | 0.615 | 0.110 |
| Gasana | Large pink flowers and juicy fruit make Gasana a perfect match with Toscana | 10 | 0.635 | 0.110 |
| Loran | Bright，big deep red fruit with deep red fruit flesh，compact plants，ideal for professional bedding plant growers，few to no runners | 10 | 0.595 | 0.110 |
| Merlan | Beautiful pink flowers，abundant fruit throughout the summer，compact plants，ideal for professional bedding plant growers，few to no runners | 10 | 0.595 | 0.110 |
| Milan | Standard variety for professional growers，ever bearing，very productive，long shelf life | 10 | 0.635 | 0.110 |
| Montana | Extra large snow－white flowers，medium size fruit on compact plants | 10 | 0.625 | 0.110 |


| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
| STRAWBERRY－F1－Continued 絲量会 | HYBRID STRAWBERRY |  |  |  |
| Roman ${ }^{\text {a }}$ | Appleblossom semi－double flowers，aromatic fruit，vigorous plants with deep green leaves，few runners，great for baskets | 10 | 0.615 | 0.110 |
| Ruby Ann | Compact plant with cascades of sensational ruby red flowers，medium size fruit | 10 | 0.615 | 0.110 |
| Summer Breeze Rose | Double deep rose，rose－like flowers and sweet summer fruit；flowers keep their color for a longer time than single flowers GENERIC TAG | 10 | 0.685 | 0.060 |
| Tarpan | Abundant large，deep rose flowers all summer，bright red，elongated，medium sized fruit，medium vigor，produces runners | 10 | 0.615 | 0.110 |
| Toscana © | Winner of FleuroStar Award 2011／2012，large，decorative，dark rose blossoms，striking cone－shaped fruit，strong plants，several runners | 10 | 0.635 | 0.110 |
| Tristan | Compact plant，large，deep rose flowers，few－to－no runners，early flowering and abundant fruit throughout the summer | 10 | 0.595 | 0.110 |
|  | SWISS CHARD |  |  |  |
| Bright Lights | Colors include gold，pink，orange，purple，red and white，with bright and pastel variations | 5 | 0.425 | 0.110 |
| Fire Fresh | Bright red petioles，medium－dark green leaves，upright，excellent veination contrast GENERIC TAG | 5 | 0.415 | 0.060 |
| TAGETES | SIGNET MARIGOLD |  |  |  |
| tenuifolia＇Lemon Gem＇ | 10－12＂Hundreds of petite yellow flowers cover neat，low mounds of lacy foliage with a citrus scent；use the flowers to dress up salads and desserts；use the leaves in salads and as garnish GENERIC TAG | 5 | 0.365 | 0.060 |
|  | TARRAGON |  |  |  |
| A．Artemisia dracunculus＇French＇ | 36＂Narrow green leaves，strong anise smell and flavor | 9 | 0.560 | 0.110 |
|  | THYME |  |  |  |
| ce citriodorus＇Cascataim Lemonade＇ | 4＂Trailing，lemonade scent，perfect for hot and cold drinks GENERIC TAG | 10 | 0.595 | 0.060 |
| ce．＇Doone Valley＇ | 4－5＂Low growing，green variegated round leaves | 10 | 0.595 | 0.110 |
| ce＇Golden Lemon Variegated＇ | 12＂Medium green leaves w／yellow edges，strong lemon aroma | 10 | 0.595 | 0.110 |
| ea＇Siver King＇ | 4＂Brightest variegation of any white variegated thyme | 10 | 0.615 | 0.110 |
| ＇Silver Queen＇ | 12＂Pale pink flowers，gray silver variegated leaves | 10 | 0.615 | 0.110 |
| praecox＇Creeping Red＇ | 2 ＂Crimson pink flowers，aromatic light green foliage，mat forming | 10 | 0.615 | 0.110 |
| pseudolanguinosis＇Woolly＇ | 2＂Pink flowers，thick woolly gray mat，keep dry | 10 | 0.615 | 0.110 |
| pulegoides＇Foxley＇ | 8＂Pink flowers，large，broad，cream and green leaves，bushy | 10 | 0.615 | 0.110 |
| serphyllum＇Pink Chintz＇ | $2^{\prime \prime}$ Covered in pink flowers in summer，tiny leaves，ball forming | 10 | 0.615 | 0.110 |
| ee＇Snowdrift＇（White Creeping） | 2＂White version of＇Pink Chintz＇ | 10 | 0.615 | 0.110 |
| Thymus vulgaris | $12^{\prime \prime}$ Sweet，pungent，aromatic，FROM SEED | 9 | 0.425 | 0.110 |
| ＇English＇ | 6－8＂Rounded leaves，purple－pink flowers，semi－creeping habit | 10 | 0.615 | 0.110 |
| e．＇English Compact＇ | 6 ＂Aromatic，thin，slightly pointy dark green leaves，small white flowers，upright habit | 10 | 0.615 | 0.110 |

HERBS AND VEGETABLES

| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
| TOMATO，HEIRLOOM 沙 | TOMATO dth＝Days to Harvest |  |  |  |
| Brandywine Red | 85 dth，Indeterminate，superb flavor，red－pink beefsteak－shaped fruits，plants grow upright，fruits set one or two per cluster and ripen late but are worth the wait | 6 | 0.325 | 0.110 |
| La Roma | 80 dth，Determinate，exceptionally early heavy yields of 3 to $40 z$ tomatoes，perfect for sauces or homemade tomato paste，resistant to Fusarium Wilt Race 1，Fusarium Wilt Race 2，Verticillium Wilt，and Tomato Mosaic Virus | 6 | 0.355 | 0.110 |
| TOMATO，HYBRID 检 | TOMATO dth＝Days to Harvest |  |  |  |
| Beefmaster | 80 dth，Indeterminate，a mouth－watering giant red tomato，this massive beefsteak－type is not only huge but very heavy－bearing over a long season | 6 | 0.355 | 0.110 |
| Better Boy | 70 dth，Indeterminate，big hybrid－quality yields of succulent，juicy yet meaty tomatoes，resistant to Verticillium Wilt，Fusarium Wilt Race 1 and Nematodes | 6 | 0.355 | 0.110 |
| Big Beef（A） | 73 dth，Indeterminate，early maturity，bears at least double the number of fruits than other varieties in its class，tolerant of or resistant to Verticillium Wilt，Fusarium Wilt races 1 and 2，Tobacco Mosaic Virus，Root Knot Nematodes，and Stemphylium（Gray Leaf Spot） | 6 | 0.365 | 0.110 |
| Camaro | $72-75$ dth，Determinate；Compact，disease resistant plants set high yields of deep red，8－10 oz，smooth，glossy，globe shaped fruit；good for large containers or in raised beds GENERIC TAG | 6 | 0.425 | 0.060 |
| Candyland Red（A） | 60 dth，Indeterminate，red currant tomato，tidy habit will continue through season；very small，sweet fruit detach easily from the plant with minimal splitting or tearing．Fast harvest of single fruit or clip entire truss for beautiful fruit presentation GENERIC TAG | 6 | 0.355 | 0.060 |
| Celebrity（A） | 70 dth，Determinate，incredible set of exceptionally flavorful 8 to 12 oz fruit on strong vines with good cover and outstanding disease resistance | 6 | 0.355 | 0.110 |
| Early Girl | 52 dth，Indeterminate，comes in first as an early slicing tomato，large harvests of flavorful 4 to $60 \mathrm{oz} \mathrm{fruit}$, | 6 | 0.335 | 0.110 |
| Heartbreakers ${ }^{\text {TM }}$ F1 Vallery | 65 dth，20＂Cocktail－sized，heart－shaped fruit，soft skins，trailing，ideal for large containers and hanging baskets；cut them in half and enjoy the lovely heart GENERIC TAG | 6 | 0.520 | 0.060 |
| Heartbreakers ${ }^{\text {TM }}$ F1 Vita | 65 dth，20＂Cocktail－sized，heart－shaped fruit，soft skins，upright growth，ideal for large containers；cut them in half and enjoy the lovely heart GENERIC TAG | 6 | 0.520 | 0.060 |
| Jet Star | 72 dth，Indeterminate，very pleasant taste，heavy yields of 8 oz meaty fruit that is generally free of cracks，vines offer good foliage cover，not recommended for canning as Jet Star is low in acid | 6 | 0.335 | 0.110 |
| Megabite 絰 | 70 dth，Determinate，compact enough to grow in a container on the patio yet strong enough to grow big beefsteak fruits，sets up to 60 on every plant | 6 | 0.365 | 0.110 |
| Midnight Snack 童 | 65－70 dth，Indeterminate；cherry－type，1－1／2＂red fruits have an overlay of glossy black－purple；traditional，well－balanced red cherry flavor；will get up to 6＇high，staking required GENERIC TAG | 6 | 0.405 | 0.060 |
| Peardrops 离自 | 55 dth ，A yellow fruited trailing variety with pear shaped fruit and a delicious flavor，a good balance of sweetness and acidity，useful for mixed baskets，containers，or hanging baskets | 6 | 0.365 | 0.110 |
| Rapunzel | 70 dth，Indeterminate；long，cascading trusses，each with up to 40 sweet，bright red cherry tomatoes that keep coming all summer long． Long stems are quite impressive when picked fully loaded，enjoying the fruit as it ripens | 6 | 0.355 | 0.110 |


| Variety（Red＝New！） | Common Name and Description | Lead Time in Weeks | 50 Price Strip | Custom Designed Tag＊ |
| :---: | :---: | :---: | :---: | :---: |
| TOMATO，HYBRID－Continued 浸 | TOMATO dth＝Days to Harvest |  |  |  |
| Summerlast | 65 dth，Determinate；oblate，bright red，medium－sized fruit；bred to last longer in the garden or pot，late blight resistance，will remain very dark and healthy foliage well into late summer GENERIC TAG | 6 | 0.365 | 0.060 |
| Sweet \＆Neat Series：Scarlet Imp．，Yellow 畳 | 60 dth，Determinate，upright，dwarf，ideal for pots，the little cherries are about 3／4－to 1 oz，arising in huge clumps like grapes | 6 | 0.365 | 0.110 |
| Sweet Valentines © | Determinate，12－16＂Heart－shaped cherry tomato，very compact and cascading，ideal for combinations and hanging baskets，abundant，very sweet fruit GENERIC TAG | 6 | 0.445 | 0.060 |
| Totem 苇 | 70 dth，Determinate，perfect for container growing，dwarf－growing from 10－12＂tall，produces lots of flavorful，small red tomatoes，dark green quilted leaves are attractive and fruit is abundant making this a great variety for indoor gardening，needs no staking | 6 | 0.365 | 0.110 |
| Tumbling Tiger Red Stripe 童会 | 55 dth，Unique compact trailing variety with red and green striped fruit，great for planting in mixed baskets and containers，the unusual striped fruits are well protected by the foliage，which is helpful in preventing scorch in very high light levels | 6 | 0.365 | 0.110 |
| Tumbling Tom Series：Red，Yellow | 70 dth，Determinate，weeping habit，perfect for hanging baskets，windowboxes，and tall containers，plant will dangle about 2＇over the sides， fruits are small，bright red 1 to 2＂ | 6 | 0.355 | 0.110 |
| VIOLA | EDIBLE VIOLA |  |  |  |
| Tasteful Viola | Mild，sweet，peppery taste，medium size flowers；use as garnish on cakes，vegetarian and meat dishes，cheese plates GENERIC TAG | 6 | 0.455 | 0.060 |

## Notes

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## Conditions of Sale

Questions? Please call us at 215.822.1276

## Prices

Are effective 6.4.18 and are subject to change without notice. All prices are in US dollars and are not subject to discount unless noted. Prices are FOB Chalfont, PA.

## To Order

Book early to insure on-time delivery. Lead times are shown to assist you with ordering your Mult-Ables ${ }^{\text {™ }}$, Pot-Ables ${ }^{\text {Tm }}$, Bloomin Plugs ${ }^{\circledR}$, and Ed-Ables ${ }^{\circledR}$. Contact one of our participating distributors listed on page 1. Or call us at 215.822.1276, FAX us at 215.997.1770, or email us at: email@gro-n-sell.com

## Lead Time - Please Order Early

Allow 5 to 40 weeks from order to delivery of plugs, depending on variety (see "Lead Time in Weeks" listed in the catalog). This allows time for order processing and growing. Orders subject to availability. If we can be of assistance in helping you schedule your order, please contact us.

## Substitutions

All orders are subject to availability of seed or cuttings. Occasionally we will substitute with a comparable variety. If this is NOT acceptable to you, please specify when placing your order.

## Online Availability \& Ordering

Up to the minute online availability and online ordering with ePICAS at WWW.gro-l-sel.coll

With ePICAS, you can view live availability on our website and place immediate or future ship date orders at anytime of the day or night. ePICAS also offers an Excel download option, the ability to look up orders, order status, and tracking numbers.

## Minimum Order

384 (5/8") and 288 (3/4") Plugs - 4 flats per ship date. 4 flats per box. Please order in multiples of 4 flats.
Exceptions: 288 Cosmos and Marigolds which pack 3 flats per box.
216 (1"), 128 (1-1/8") and Baby 128 Plugs - 3 flats per ship date. 3 flats per box. Please order in multiples of 3 flats.
72 (Specialty Begonias, Gerbera, Petunias and Vegetative) Plugs - 2 flats per box. TrixiLiner ${ }^{\text {rm }}$ and Mult-Ables ${ }^{\text {Tm }}-3$ flats per box.
51 Strip (Annuals, Herbs and Vegetables) - 1 strip per variety, 6 strips per box.
Please order in multiples of 6 strips.
50 Tray (SunPatiens ${ }^{\circledR}$ and Specialty Begonias) - 2 flats per ship date, 2 flats per box. Please order in multiples of 2 flats.
Big Burly ${ }^{\circledR}$ and Junior 72 Perennials - 1 flat per variety, 6 flats per ship date.
Canna - 1 flat per box, 2 trays per ship date.

## We will combine sizes to fill boxes wherever possible.

## Special Orders

If you are looking for a variety or size not listed, please ask for a quotation.
To consider filling seed special orders we will require: 1. a minimum of 4 flats of $5 / 8^{\prime \prime}$ and $3 / 4$ " or 9 flats of $1^{\prime \prime}$ and $1-1 / 8^{\prime \prime}$ per variety per shipment and $\mathbf{2}$. additional time to secure seed.
To consider filling vegetative and tissue culture special orders we will require:

1. a minimum of 10 flats of 72 or 18 strips of 51 's, per variety, per shipment and
2. additional time to secure cuttings.

## Boxing Charge

Bloomin Plugs ${ }^{\circledR}$ - There is a $\$ 8.00$ per insulated box charge.
Master Carton - \$105. per insulated carton. Master Carton can hold 32, 48, or 64 flats depending on the plug size.
Big Burly ${ }^{\circledR}$ and Junior 72 - There is a $\$ 2.00$ per tray charge. For pallet shipping, please order a minimum of 30 flats.
Orders shipped to Arizona, California, Oregon, and Washington will be charged \$25.00 per order for inspection fee and phytosanitary certificate when applicable.

## Shipping

FOB Chalfont, PA. All orders are shipped FedEx or UPS or grower truck where available. Indicate your preference. We will ship the best way, weather permitting. All shipping costs are added to invoice, passing our volume discount on to you. If your receiving address is different from your mailing address, provide your correct street address and phone number.

## Shipping Claims

Any risk associated with the shipment of live plants is the customer's responsibility We accept no liability for damage or delays after delivery to the carrier, but we will assist you to secure necessary adjustments if the following steps are taken:

## 1. Do Not Refuse the shipment.

2. Inspect the shipment in the carrier's presence. Note all damages on the shipping papers, and have the carrier's agent sign the papers.
3. Photographs of all damages are required, including the production label on the end of the tray, and the color dot on the packing list. Email photo(s) to: claims@gro-n-sell.com.
4. Photographs of any damage to the boxes are required. Save cartons, packing material and product.
5. Notify your broker and our office within 48 hours. For consideration of claims for shortages or material quality, requests must be made within 5 days after delivery; no claims accepted after 5 days.

## WE ACCEPT NO RETURNS.

6. Please call our office for complete policy details.

## Tag Claims

1. Minimum return quantity=2000 inventoried tags within 60 days of receipt.
2. All returns-full bundles only in clean reuseable condition, no loose tags accepted.
3. Returns are sent directly to MasterTag and must have an approved return authorization number. 25\% restocking fee applies.

## PATENTED PLANTS

Royalties on all PP, PPAF and COPF material are included in prices, with the exception of Perennials and Herbs. Perennial and Herb royalties are listed separately; they will be billed as a separate line item. Propagation is illegal on any patented or PPAF plant varieties.

Notes


## CROS

320 Lower State Road \& Chalfont, Pennsylvania 18914
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For God so loved the world, that He gave His only begotten Son, that whoever believes in Him should not perish, but have eternal life. John 3:16

