



BNV

BAMBU NUSA VERDE

**Catalog of Ornamental
Bamboo Varieties**

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PT Bambu Nusa Verde

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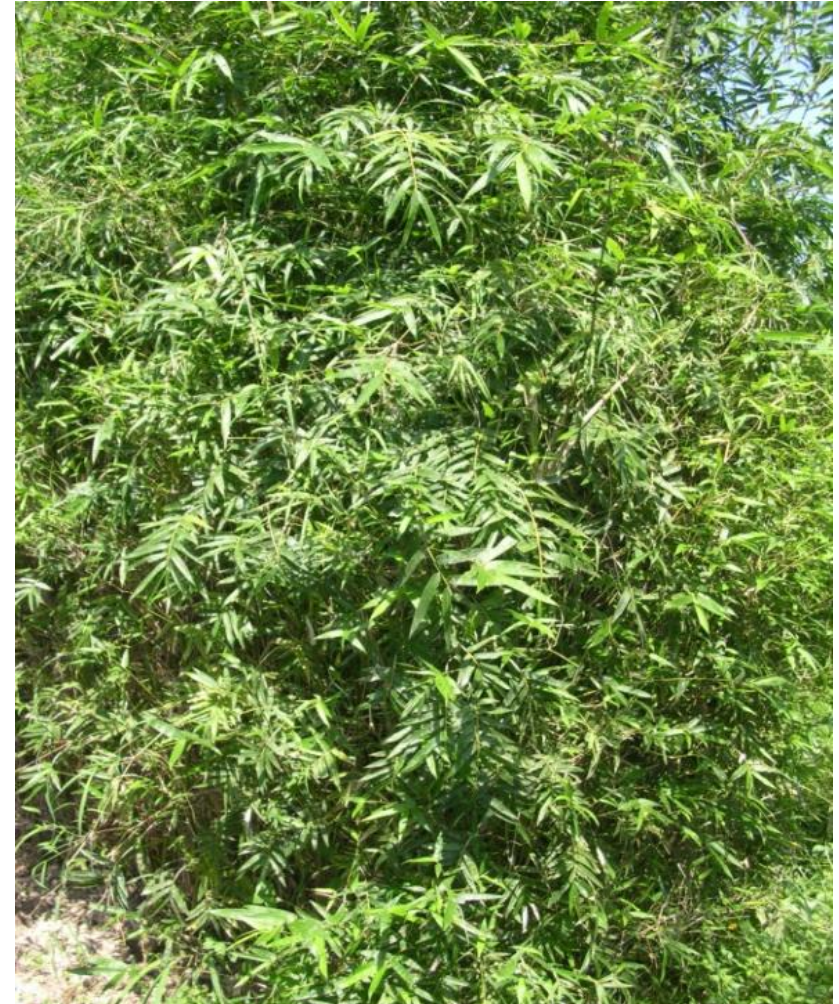
Gigantochloa atter

Species	<i>Gigantochloa atter</i>
Local name	B. ater (I), Pring legi (J), Awi temen (S), Pereng keles (M), Buluh jawa (East I).
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	tip dense tufted / bluish-green with distinct pale rings, to green blue
Height / diameter	up to 25 m / 5 – 10 cm
Thickness / Internode	wall up to 8 mm / 40 - 50 cm
Leaf length / branch	20 - 44 cm / 2-3 m at ground
Altitude / soil	0 – 1.400 m / fertile and sandy
Climate / rainfall	Tropical wet till dry / up to 2.500 mm
Usage	Young shoots, multipurpose bamboo, building material, furniture, utensils (chopsticks, toothpicks), music instruments
Planting	Suitable for private garden and plantation. 200 – 500 plants/ha
Others	Origin Indonesia



Bambusa tuldoides

Species	<i>Bambusa tuldoides</i> <i>Punting Pole Bamboo (E)</i>
Local name	Bambu Blenduk – Bambu pagar
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	erect nodding tip / 1-3 yellow stripes
Height / diameter	6 - 10 m / 3 – 5 cm
Thickness / Internode	4 – 5 mm / 30 -36 cm
Leaf length / branch	10 - 18 cm / few to many
Altitude / soil	0 – 1.200 m, best 500 – 1.000
Climate / rainfall	Tempered till tropical / dry and wet
Usage	Young shoots, scaffolding, handicraft (weaving utensils), Chinese medicine, paper fibers
Planting	For ornamental and hedges, also in pots for bonsai horticulture. Potential for plantations. 400 – 1100 plants/ha
Others	Origin China, Vietnam Easy to prune



Bambusa balcoa

Species	<i>Bambusa balcoa</i>
Local name	Bambu Balku
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	erect pendulous tip, silver brown
Height / diameter	17.5 m / 2.5 – 10 cm
Thickness / Internode	up to 2 cm / 20 - 40 cm
Leaf length / branch	6 - 30 cm / several to many
Altitude / soil	0 – 600 m, prefer heavy texture soil
Weather / rainfall	Tropical wet / up to 3.000 mm
Usage	Young shoots, leaves for fodder, building material, mats, baskets, pulp, scaffolding, panels
Planting	Small scale and ornamental. 100 – 400 plants/Ha
Others	Origin India and Bangladesh



Bambusa vulgaris vulgaris

Species	<i>Bambusa vulgaris vulgaris</i> (green culm) Common Bamboo (E)
Local name	Bambu Ampel (hijau)
Rhizomes / form	Pachymorph (Sympodial), clumping bamboo / open not closely tufted
Culm / color	Erect zig-zag / green
Height / diameter	10 - 20 m / 4 – 10 cm
Thickness / Internode	7 – 15 mm / 20 - 45 cm
Leaf length / branch	6 - 30 cm / several to many
Altitude / soil	0 – 1.200 m / all kind of soils, even degraded land
Weather / rainfall	Humid till very dry / up to 2.000 mm
Usage	For boat masts, poles, fencing and props. Furniture, pulp, medicine.
Planting	Ornamental, riverbanks, hedges. Plantation 275 – 625 plants/Ha
Others	Origin tropical Asia, most widely cultivated in tropics and subtropics. On of the most vigorous of all bamboos



Bambusa vulgaris vittata

Species	<i>Bambusa vulgaris vittata</i> (yellow culm) Common Bamboo (E)
Local name	Bambu Kuning
Rhizomes / form	Pachymorph (Sympodial), clumping bamboo / open not closely tufted
Culm / color	Erect not straight / yellow with green stripes of different density
Height / diameter	10 - 20 m / 4 – 10 cm
Thickness / Internode	10 – 17 mm / 20 - 45 cm
Leaf length / branch	6 - 30 cm / several to many
Altitude / soil	0 – 1.200 m / all kind of soils
Weather / rainfall	Humid till very dry / up to 2.000 mm
Usage	For boat masts, poles, fencing and props. Furniture, pulp, medicine.
Planting	Ornamental, riverbanks, hedges. Plantation 257 – 625 plants/Ha
Others	Origin tropical Asia, most widely cultivated in tropics and subtropics. Ticker wall diameter than green B.V.



Bambusa vulgaris waminii

Species	<i>Bambusa vulgaris waminii</i> <i>Buddha's belly bamboo (E)</i>
Local name	Bambu Blenduk (Buddah)
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm /color	Erect zig-zag / green
Height / diameter	3 m / 1 – 3 cm
Thickness / Internode	8 mm / 4 - 10 cm inflated
Leaf length / branch	6 - 30 cm / several to many
Altitude / soil	0 – 1.200 m / all kind of soils
Weather / rainfall	Tropical wet till dry / up to 2.000 mm
Usage	Ornamental
Planting	Ornamental
Others	Originates from South China



Phyllostachys aurea

Species	<i>Phyllostachys aurea</i> , <i>P. bambusdoides</i> Fish pole Bamboo (E)
Local name	Pring Uncu, Bambu Incue
Rhizomes	Leptomorph (Monopodial), spreading bamboo
Culm / color	Straight / young green, older yellow
Height / diameter	2 - 8 (12) m / 2 – 3 (9) cm
Thickness / Internode	4 – 8 mm / 10 - 20 cm
Leaf length / branch	5 - 15 cm / arise in pairs from the middle of the culm and higher
Altitude / soil	0 – 1.400 m / best on rich or sandy but well drained (Indonesia best at 700m).
Weather / rainfall	Tempered till tropical / up to 2.000 mm
Usage	Walking sticks, umbrella, fan handles, fishing rods, furniture, construction
Planting	Ornamental and hedges. Can become very invasive if not well controlled.
Others	Origin Japan and South China



Dendrocalamus giganteus

Species	<i>Dendrocalamus giganteus</i> Giant Bamboo (E)
Local name	Bambu sembilang (I)
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	erect arching tip / green to grey
Height / diameter	up to 30 m / 18 - 25 cm
Thickness / Internode	up to 2.5 cm / 25 – 55 cm
Leaf length / branch	20 - 40 cm / dominant and smaller
Altitude / soil	0 – 1.200 m / from fertile till sandy
Weather / rainfall	Humid tropical / 1.200 mm
Usage	Young shoots, construction, scaffolding, rural housing, water pipers, buckets, matting, pulp, bamboo board
Planting	Against erosion, ornamental, plantations for shoots and industrial applications. Plantation 100 – 250 plants/Ha
Others	Origin Myanmar and North Thailand, combined in teak plantation



Grows at average 32 cm a day, in rainy season.

Dendrocalamus asper - black

Species	<i>Dendrocalamus Asper</i> Black <i>Black Giant Bamboo</i> (E)
Local name	B. betung hitam (I), Awi bitung (S), Buluh batung (Batak)
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	erect pendulous tip / black with green lines
Height / diameter	20 – 30 m / 8 – 20 cm (at base)
Thickness / Internode	wall 11 – 36 mm / 30 -50 cm
Leaf length / branch	30 cm / few
Altitude / soil	0 – 1.500 m, any type
Climate / rainfall	Tropical wet till dry / up to 2.000 mm
Mature in / clumps	3 – 4 years / 3 – 4 new shoot a year
Full size	6 years, 3 m clump contains 60 culms
Usage	Young shoots, construction, ply-bamboo, black furniture, water containers, cooking pots. Most promising species for industry
Planting	For industry. Plantations 100 – 400/Ha
Others	Origin Indonesia. Very much liked for furniture. Delicious shoots. Ornamental.



Bambusa glaucophylla

Species	<i>Bambusa glaucophylla</i> Widjaja <i>Malay dwarf bamboo</i>
Local name	Bambu putih
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	Erect / yellow with green stripe Pink when young.
Height / diameter	5 m / 2.5 cm
Thickness / Internode	8 mm / 20 - 25 cm
Leaf length / branch	7 - 12 cm white stripes / many
Altitude / soil	0 – 1.000 m, varies
Weather / rainfall	Tropical wet till very dry / up to 1.000 mm
Usage	Hedges, and wind breakers. Ornamental and pot plant.
Planting	For ornamental
Others	East Indonesia. Easy to prune. Previous called <i>Bambusa variegata</i> .



Bambusa multiplex

Species	<i>Bambusa multiplex</i> 'Alphonse Karr' Hedge bamboo, Chinese dwarf bamboo
Local name	Bambu cina, buluh pagar
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	Erect / yellow with green stripe Pink when young.
Height / diameter	2.2 to 7 m / 1 – 2 cm
Thickness / Internode	rather thick / 30 - 50 cm
Leaf length / branch	7 - 12 cm / 20 or more each node
Altitude / soil	0 – 1.500 m, varies
Weather / rainfall	Tropical wet till dry / up to 2.000 mm
Usage	Hedges, and wind breakers. Ornamental and pot plant.
Planting	-
Others	Origin south China Resist frost



Bambusa lako

Species	<i>Bambusa lako</i> <i>Timor black</i>
Local name	Bambu lako, au lako (Timor Leste)
Rhizomes	Pachymorph (Sympodial), clumping bamboo
Culm / color	Initially green, later shiny black.
Height / diameter	15 m / 8 cm
Thickness / Internode	12 mm, 25 - 35 cm
Leaf length / branch	25 cm / many from 1 m above ground
Altitude / soil	0 – 1.000 m, poor and dry soil, suitable for on mountain slopes
Weather / rainfall	till very dry / up to 1.000 mm
Usage	Ornamental and pot plant.
Planting	For ornamental
Others	Originated from East Timor. Similar to <i>Gigantochloa atrovioacea</i> .



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Bamboos for Plantations & Ornamental Uses

Bamboo for Industrial Plantations

1. *Dendrocalamus asper* – Bambu petung
2. *Dendrocalamus asper Thai* – B. petung Thai
3. *Dendrocalamus membranaceus* – B. membra
4. *Gigantochloa atter* – B. legi / ater
5. *Bambusa tuldooides* – B. blenduk / pagar
6. *Bambusa balcooa* – B. balku
7. *Bambusa bambos* – B. duri / ori
8. *Bambusa vulgaris vulgaris green* – B. ampel Hijau
9. *Bambusa vulgaris vittata yellow* – B. ampel Kuning
10. *Bambusa oldhamii* – B. oldhami
11. *Phyllostachys aurea* – B. uncue / pring uncue
12. *Dendrocalamus giganteus* – B. sembilang
13. *Dendrocalamus latiflorus* – B. taiwan atau sayur
14. *Dendrocalamus asper black* – B. petung hitam
15. *Dendrocalamus hamiltonii* – B. hamiltoni
16. *Oxytenathera abyssinica* – B. oxytenanthera
17. *Guadua amplexifolia* – Guadua
18. *Gigantochloa robusta* – B. mayan
19. *Bambusa blumeana* – B. duri / ori
20. *Bambus textilis* – B. tekstil

Ornamental Bamboo Varieties

1. *Gigantochloa atter* – B. legi / ater
2. *Bambusa tuldooides* – B. blenduk atau pagar
3. *Bambusa balcooa* – B. balku
4. *Bambusa vulgaris vulgaris green* – B. ampel Hijau
5. *Bambusa vulgaris vittata yellow* – B. ampel Kuning
6. *Bambusa vulgaris waminii/budha* – B. buddah
7. *Phyllostachys aurea* – B. uncue/ pring uncue
8. *Dendrocalamus giganteus* – B. sembilang
9. *Dendrocalamus asper black* – B. petung hitam
10. *Bambusa glaucophylla* – B. putih
11. *Bambusa multiplex* – B. china / pagar
12. *Bambusa lako* – B. lako



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