

Stink Bug Nymph Guide for South Florida Tomato Crops



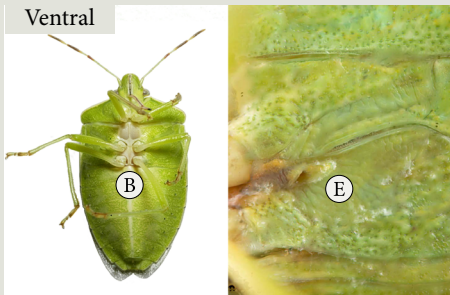
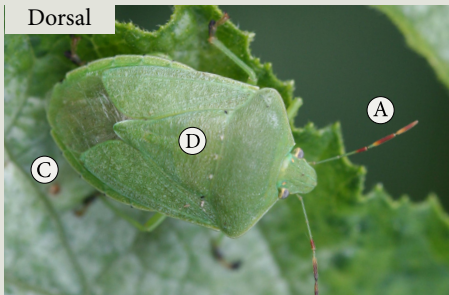
Authors: Elise Schuchman and Craig Frey

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Southern Green Stink Bug

Nezara viridula (Linnaeus)

Major Pest



Mimics: *N. viridula* looks similar to *C. hilaris* and *C. marginata*

Key features: (A) antennae - orange bands (B) abdominal spine- rounded (C) abdomen - no marks
(D) base of scutellum - three pale spots inside dark spots (E) ostiolar canal short without auricle

Green Stink Bug

Chinavia hilaris (Say)

Minor Pest



1



2



3



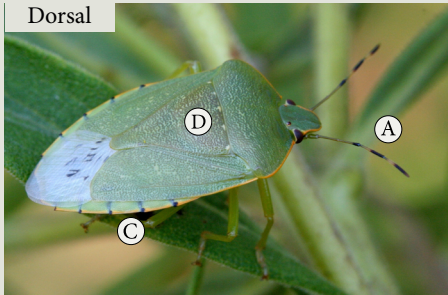
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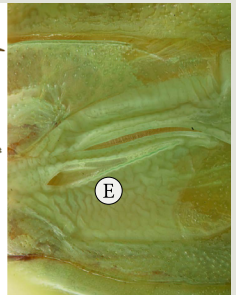
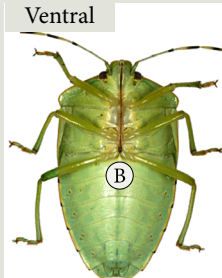
5



Dorsal



Ventral



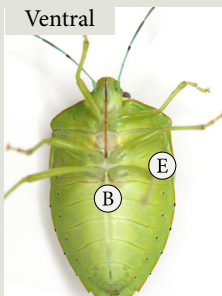
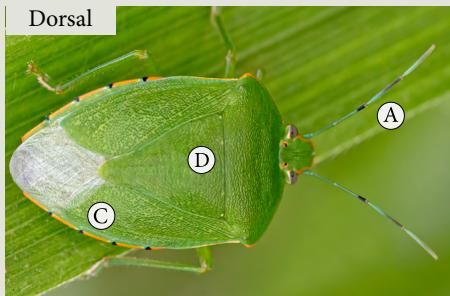
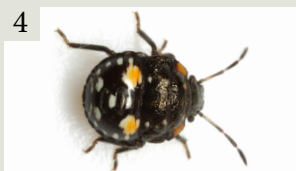
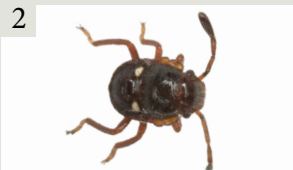
Mimics: *C. hilaris* looks similar to *C. marginata* and *N. viridula*

Key features: (A) antennae - dark bands (B) abdominal spine - pointed (C) abdomen - dark marks extending inwards (D) base of scutellum - five pale spots (E) ostiolar canal mid-length without auricle

Marginate Green Stink Bug

Chinavia marginata (Palisot)

Minor Pest

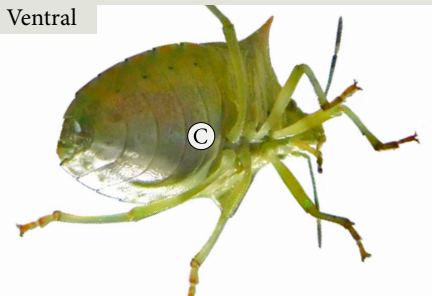
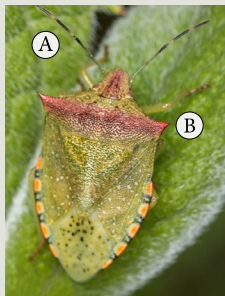


Mimics: *C. marginata* looks similar to *C. hilaris* and *N. viridula*

Key features: (A) antennae - teal color (B) abdominal spine- pointed (C) abdomen - dark marks not extending inward (D) base of scutellum - five pale spots (E) ostiolar canal mid-length without auricle

Neotropical Red Shouldered Stink Bug
Thyanta perditor (Fabricius)

Legume Pest



Mimics: *T. perditor* looks similar to *T. custator* and *P. guildinii*

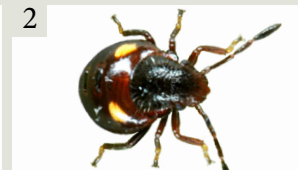
Key features: (A) antennae - dark bands (B) shoulders - sharply pointed

(C) no ventral spine on abdomen

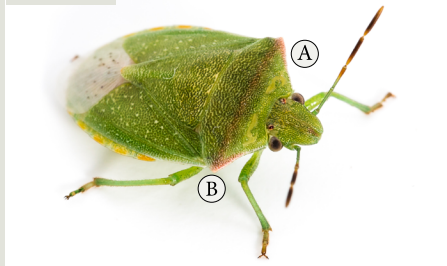
Red Shouldered Stink Bug

Thyanta custator custator (Fabricius)

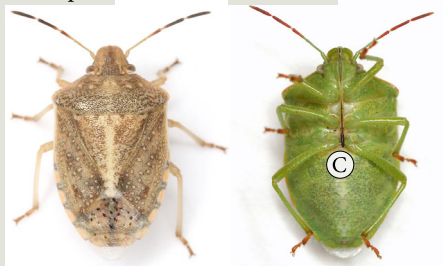
Legume Pest



Dorsal



Morph



Ventral

Mimics: *T. custator* looks similar to *T. perditor* and *P. guildinii*

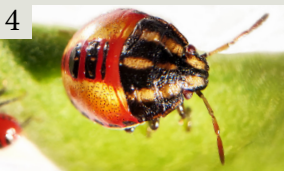
Key features: (A) pronotum - red outline on sides (B) shoulders - somewhat pointed

(C) no ventral spine on abdomen

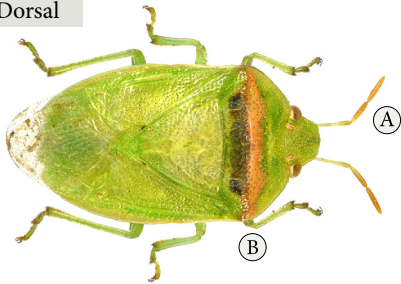
Red-banded Stink Bug

Piezodorus guildinii (Westwood)

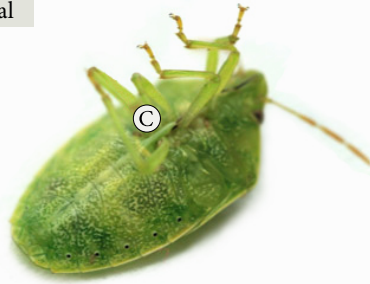
Minor Pest



Dorsal



Ventral



Mimics: *P. guildinii* looks similar to *T. perditor* and *T. custator*

Key features: (A) antennae - red/orange bands (B) shoulders - rounded

(C) long ventral spine on abdomen

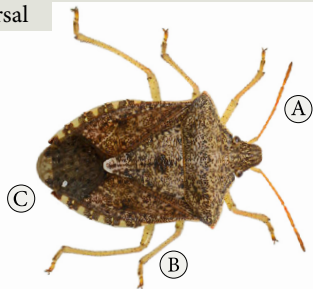
Brown Stink Bug

Euschistus servus servus (Say)

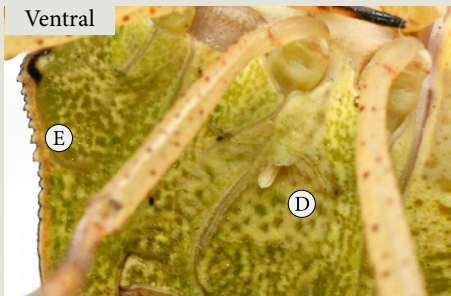
Major Pest



Dorsal



Ventral



Mimics: *E. servus* looks similar to *H. halys* and *E. quadrator*

Key features: (A) antennae - no white band (B) legs - no white bands (C) wings - dark spots
(D) ostiole - short canal with auricle (E) anterolateral margin of pronotum - toothed

Euschistus

Minor Pest

Euschistus quadrator (Rolston)



1



2



3



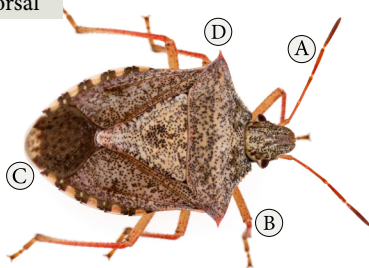
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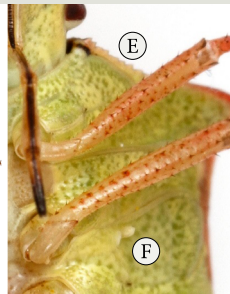
5



Dorsal



Ventral



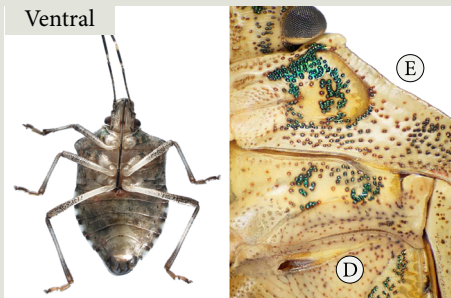
Mimics: *E. quadrator* looks similar to *H. halys* and *E. servus*

Key features: (A) antennae - red/orange (B) legs - solid red/orange (C) wings - without spots
(D) shoulders - pointed (E) antero-lateral margin of pronotum - toothed (F) ostiole - short canal with auricle

Brown Marmorated Stink Bug

Halyomorpha halys (Stål)

Major Pest



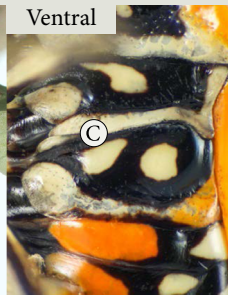
Mimics: *H. halys* looks similar to *E. servus* and *E. quadrator*

Key features: (A) antennae - two white bands (B) legs - white bands (C) wings - no spots
(D) ostiole - long canal, no auricle (E) antero-lateral margin of pronotum - smooth

Harlequin Bug

Murgantia histrionica (Hahn)

Minor Pest



Mimics: *M. histrionica* is fairly unique among Florida tomato crop pests

Key features: (A) bright orange/red/black/white coloration (B) head - strongly sloped
(C) ostiole - not apparent

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Southern Green Stink Bug *Nezara viridula*

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Adult (left): Lesley Ingram, ID: 5402110, bugwood.org

Adult (middle): Herb Pilcher, USDA ARS, ID: 2135015, bugwood.org

Adult detail (right): Stink bugs (Pentatomidae) and parent bugs (Acanthosomatidae) of Ontario and adjacent areas: A key to species and a review of the fauna [doi:10.3752/cjai.2013.24](https://doi.org/10.3752/cjai.2013.24)

Green Stink Bug *Chinavia hilaris*

E: Herb Pilcher, USDA ARS, ID: 2134075, bugwood.org

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5: Russ Ottens, University of Georgia, ID: 5154032, bugwood.org

Adult (left): David Cappaert, ID: 2116061, bugwood.org

Adult (middle): Herb Pilcher, USDA ARS, ID: 2134082, bugwood.org

Adult detail (right): Stink bugs (Pentatomidae) and parent bugs (Acanthosomatidae) of Ontario and adjacent areas: A key to species and a review of the fauna [doi:10.3752/cjai.2013.24](https://doi.org/10.3752/cjai.2013.24)

Photo Credits

Green Stink Bug *Chinavia marginata*

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Neotropical Red-shouldered Stink Bug *Thyanta perditor*

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Red-shouldered Stink Bug *Thyanta custator custator*

E: © Katja Schulz, ID: 88081164, inaturalist.org

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Redbanded Stink Bug *Piezodorus guildinii*

E - 5: Elise Schuchman, UF/IFAS Hendry County Extension Office

Adult (left): Alexey Protasov, ID: 271725215, <https://stock.adobe.com/>

Adult (right): Morgan Pinkerton, EDIS publication: EENY682, UF/IFAS

Brown Stink Bug *Euschistus servus servus*

E: Herb Pilcher, USDA ARS, ID: 2134093, bugwood.org

1: Megan Hennessey, GCREC

2: Herb Pilcher, USDA ARS, ID: 2134096, bugwood.org

3: Herb Pilcher, USDA ARS, ID: 2134098, bugwood.org

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Euschistus quadrator

E: Sara Brennan, University of Florida, EDIS publication: EENY-523, edis.ifas.ufl.edu

1 - 5: Lyle Buss, University of Florida, EDIS publication: EENY-523, edis.ifas.ufl.edu

Adult (dorsal): Salvador Vitanza, Ph. D, ID: 1685390 bugguide.net

Adult (ventral views): Salvador Vitanza, Ph. D, ID: 1685393 bugguide.net

Brown Marmorated Stink Bug *Halyomorpha halys*

E: Susan Ellis, ID: 5443484, bugwood.org

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Adult (left): Alessandro Grandini, [Adobe Stock File: 301158242](https://www.adobe.com/stock/301158242)

Adult (middle): Susan Ellis, ID: 5443474, bugwood.org

Adult detail (right): Stink bugs (Pentatomidae) and parent bugs (Acanthosomatidae) of Ontario and adjacent areas: A key to species and a review of the fauna [doi:10.3752/cjai.2013.24](https://doi.org/10.3752/cjai.2013.24)

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Harlequin Bug *Murgantia histrionica*

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Adult detail (far right): Stink bugs (Pentatomidae) and parent bugs (Acanthosomatidae) of Ontario and adjacent areas: A key to species and a review of the fauna [doi:10.3752/cjai.2013.24](https://doi.org/10.3752/cjai.2013.24)

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