

Common Pepper Cultivars for Florida Production¹

G. McAvoy and M. Ozores-Hampton²

This list includes a number of sweet pepper varieties currently popular with Florida growers; it is by no means a comprehensive list of all varieties that may be adapted to the state. At present 4–5 cultivars probably constitute 80–90 percent of commercial production in Florida.

(See Table 1 for Key to Abbreviation)

Table 1. Key to Abbreviation.

CMV	Cucumber mosaic virus
PepMo	Pepper mottle virus
PVY	Potato virus Y
Pc	Phytophthora root rot— <i>Phytophthora capsici</i>
ToM	Tomato mosaic virus
TM	Tobacco mosaic virus
TE	Tobacco etch virus
TSW	Tomato spotted wilt virus
Tobamo P ₀ (R)	Tobamo virus— <i>Tobamo virus Po</i>
S	Stip—Physiological disorder
Xcv 1, 2, 3, 4, 5, 6	Bacterial spot— <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>
R	Resistant
IR	Intermediate Resistance



Figure 1. Pepper harvesting from a randomized complete block experimental design bacterial leaf spot resistant pepper variety trial during the 2017 spring season in Jupiter, FL.
Credits: Monica Ozores-Hampton, UF/IFAS

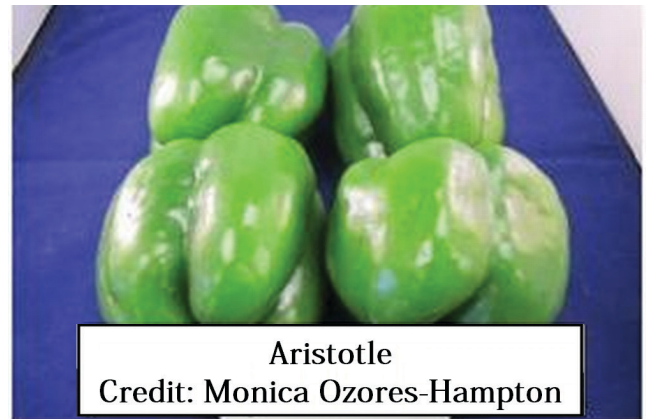


Figure 2. **Aristotle**—Dark green anthocyanin-less fruits, heavy set, thick walls, large fruit size. Matures red. R to Xcv 1–3 (X3R®), PVY 0, Tobamo P₀ (R). Seminis.
Credits: Monica Ozores-Hampton, UF/IFAS

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Figure 3. **Blitz**—Extra-large fruit with thick walls and a uniformly blocky shape. Has wide adaptability with good yield. Green to red bell pepper. R to Xcv 1–5 and 7–9, TM. Sakata Seed America, Inc. Credits: Monica Ozores-Hampton, UF/IFAS

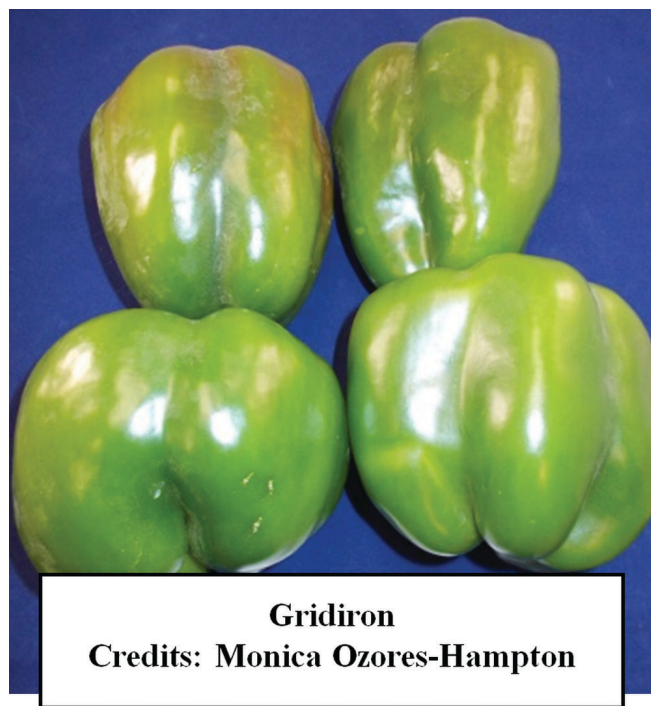


Figure 5. **Gridiron**—Extra-large blocky dark green-to-red bell. Fruit are smooth with thick walls and uniform blocky shape. R to Xcv 1–5 and 7–9, TM. IR to TE. Sakata Seed America, Inc. Credits: Monica Ozores-Hampton, UF/IFAS

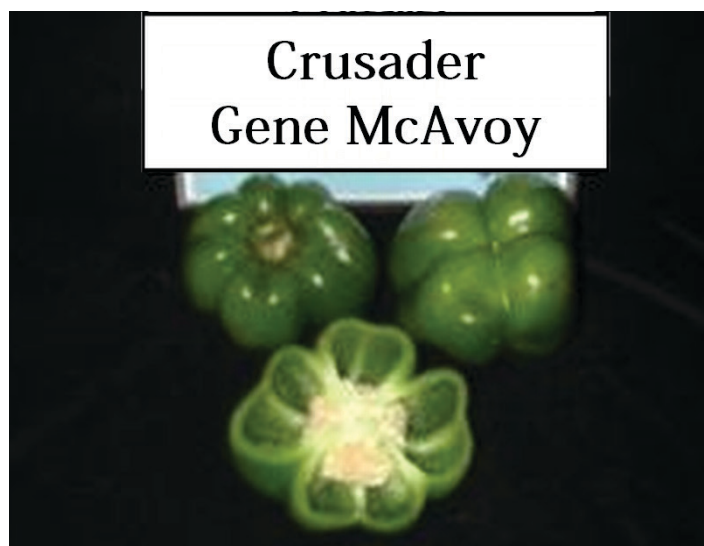


Figure 4. **Crusader**—Erect, good cover, extra-large fruit stay firm at mature red stage. R to Xcv 1–3, PVY, S, PepMo, TM. Syngenta. Credits: Gene McAvoy, UF/IFAS

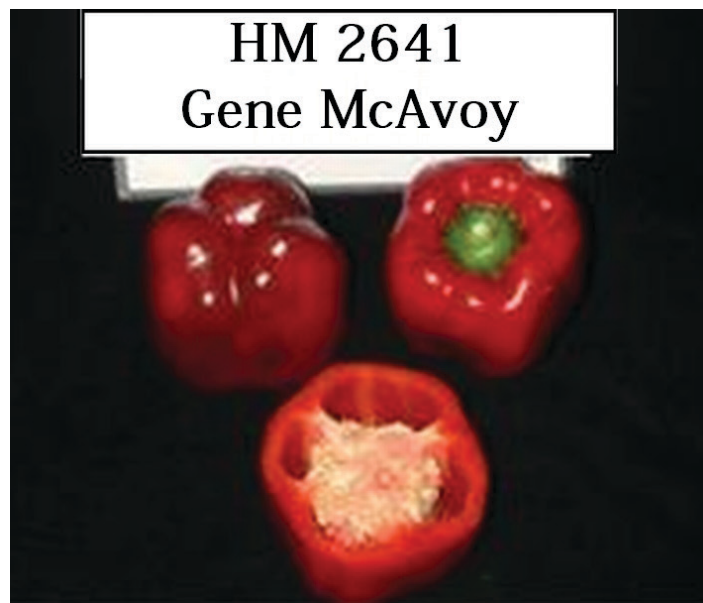


Figure 6. **HM 2641**—Tall, erect, vigorous plant with good leaf coverage suited for warm weather production. Glossy, dark green, extra-large, and large sized fruit over an extended production period R to, Xcv 1–4 and TM. Harris Moran Seed Company. Credits: Gene McAvoy, UF/IFAS



Figure 7. **Hunter**—Early maturity. Medium size plant produces smooth, four-lobed, blocky, dark green, glossy fruit. Produces a large percentage of extra large fruit. R to Xcv 1-5, TE, TM. Syngenta.
Credits: Monica Ozores-Hampton, UF/IFAS



Figure 9. **PS 09979325**—Large, robust, blocky green-to-red bell pepper. Plant produces large to extra-large firm fruit. R to Xcv 1-10. Seminis.
Credits: Monica Ozores-Hampton, UF/IFAS



Figure 8. **PS 9928302**—Large, robust plant with large, uniform anthocyanin-less dark-green fruits that mature to a firm red. Fruits with good size, shape, uniformity, and color. R to Xcv 1-5 (X5R®) and Tobamo P₀ (R). Seminis
Credits: Monica Ozores-Hampton, UF/IFAS

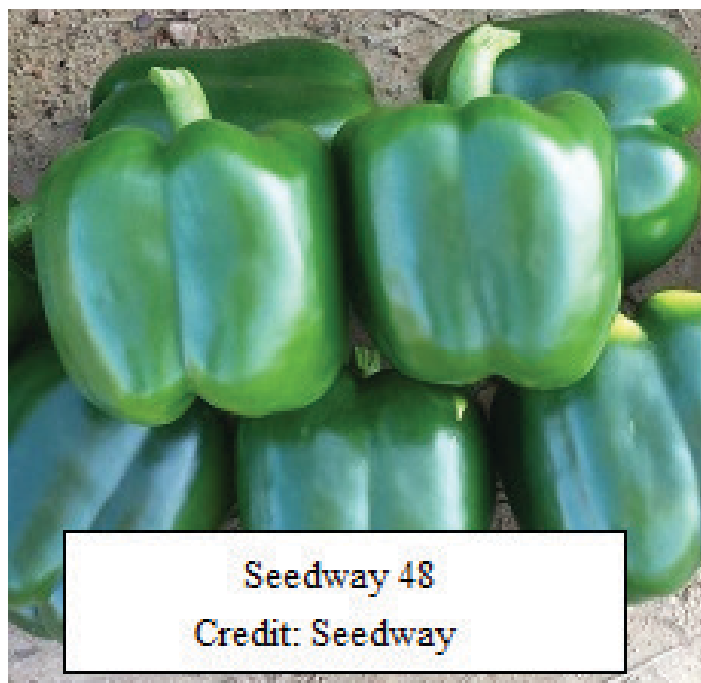


Figure 10. **Seedway 48**—Medium plant size with large to jumbo, uniform dark green fruit. R to Xcv 1-10.
Credits: Seedway

Revolution

Credit: Gene McAvoy



Figure 11. **Revolution**—Cold tolerant, concentrated early set, firm, uniform, extra large green to red fruits. R to Xcv 1,2,3,5 and IR to CM and Pc. Harris Moran Seed Company.
Credits: Gene McAvoy, UF/IFAS



Tom Cat

Credit: Monica Ozores-Hampton

Figure 12. **Tom Cat**—Early maturing. Medium plant size and a concentrated set that yields a high percentage of large size fruit. Blocky, dark green color. R to Xcv 1–5, TE, and ToM. Syngenta
Credits: Monica Ozores-Hampton, UF/IFAS



Touchdown

Credits: Monica Ozores-Hampton

Figure 13. **Touchdown**—Strong plant with continuous setting ability and good cover. Extra-large, blocky with thick walls and uniformly blocky shape. R to Xcv 1–5 and 7–9, TM. Sakata Seed America, Inc.
Credits: Monica Ozores-Hampton, UF/IFAS



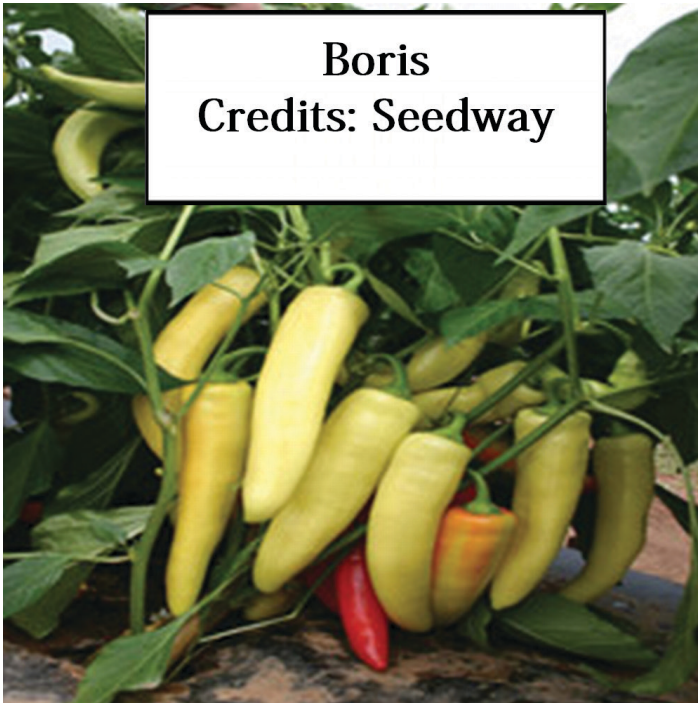
Vanguard

Credit: Monica Ozores-Hampton

Figure 14. **Vanguard**—Medium plant with good foliage, dark green, blocky, extra-large fruits, 4-lobed, firm, with thick walls. Early maturity with concentrated harvest. R to PepMo, ToM, and Xcv 1–5. Harris Moran Seed Company.
Credits: Monica Ozores-Hampton, UF/IFAS

Mini Sweet Pepper

Yummy Yellow—Image not available. Medium large plant with good cover. Fruit are similar in size to Yummy Orange. Resistance not available. Seedway.



Boris
Credits: Seedway

Figure 15. **Boris**—Smooth and straight fruit with thick flesh. Fruit are held higher in the plant maintaining them clean and straight. R to TSW. Seedway.
Credits: Seedway



Natasha
Credits: Seedway

Figure 16. **Natasha**—Very early maturing plant with long, straight fruit. R to Xcv 1–3. Seedway.
Credits: Seedway



Orange You Sweet
Credits: Sakata Seed

Figure 17. **Orange You Sweet**—Early maturing, strong plant vigor. Fruit are flat round in shape and smooth with mid thick walls. Fruit mature to deep orange. No disease resistance. Sakata Seed America, Inc.
Credits: Sakata Seed America, Inc.



Right on Red
Credits: Sakata Seed America, Inc.

Figure 18. **Right on Red**—Early maturing plant with continuous high yields. Fruit are flattened and round with flutes around the stem end. No disease resistance. Sakata Seed America, Inc.
Credits: Sakata Seed America, Inc.

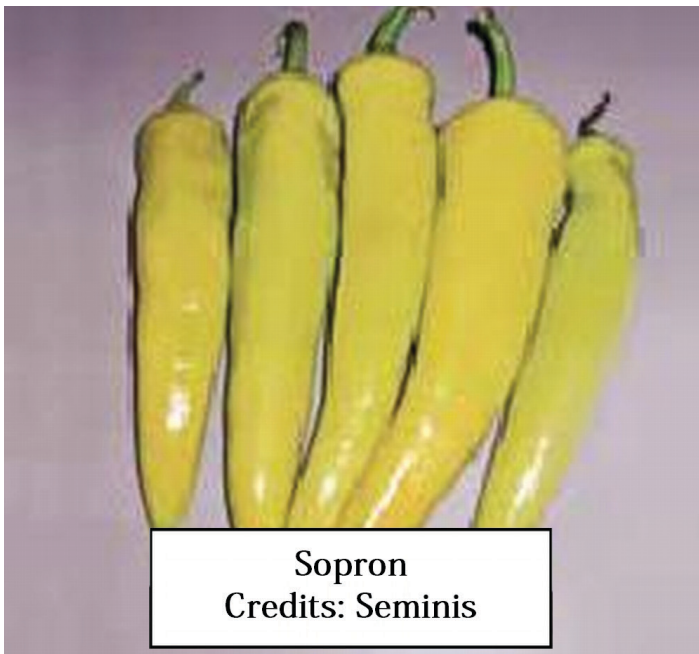


Figure 19. **Sopron**—Mid-early plant with a straight fruit used for fresh market or processing. R to Xcv 1–3. Seminis.
Credits: Seminis



Figure 20. **Yellow Sparkler**—Fruit turn from green to bright, rich yellow. Prolific in number, extra sweet, and elongated with a blunt tip. R to TM. Sakata Seed America, Inc.
Credits: Sakata Seed America, Inc.



Figure 21. **Yes to Yellow**—Early maturing, strong plant vigor with fruit that are flat round in shape, smooth, and have thick walls. Fruit mature to deep yellow. No disease resistance. Sakata Seed America, Inc.
Credits: Sakata Seed America, Inc.



Figure 22. **Yummy Orange**—Petite apricot-orange with extra-sweet fruit that is tender-crisp and nearly seedless. Resistance not available. Seedway.
Credits: Seedway

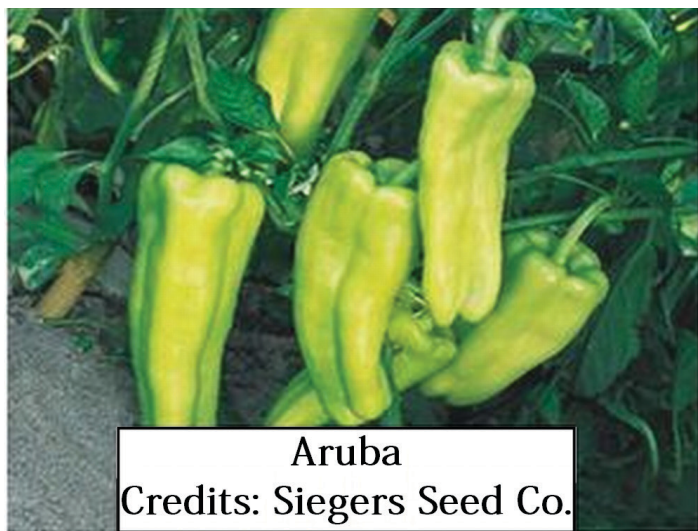


Yummy Red
Credits: Seedway

Figure 23. **Yummy Red**—Plant is best staked and fruit are nearly seedless. Resistance not available. Seedway.
Credits: Seedway

Cubanelle

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Aruba
Credits: Siegers Seed Co.

Figure 24. **Aruba**—Cubanelle type, early-maturing, erect plant, 3–4 lobed, elongated fruit, matures from a pale lime green to a bright red. Syngenta.
Credits: Siegers Seed Co.