Common Pepper Cultivars for Florida Production

G. McAvoy

This list includes a number of 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% of commercial production in Florida.

(See Table 1 for Key to Abbreviations.)

**Alladin** (X3R®) – uniform, blocky large, green to yellow bell fruit. Resistant to BLS 1,2,3 (X3R®), Tobamovirus Po, PVY and TEV. Seminis.

**Aristotle** – dark green anthocyaninless pods, heavy set, thick walls, large fruit size. Matures red. Resistant to BLS 1,2,3 (X3R®), PVY, Tobamovirus Po. Seminis.

**Brigadier** – erect, broad season adaptability, large size fruit. Matures red. Resistant to BLS 1,2,3, PVY. Syngenta/Rodgers.

**Crusader** – erect, good cover, firm at mature red stage. Resistant to BLS 1,2,3, PeMV, PVY, Stip, TMV. Syngenta/Rodgers.

**Double-Up** – medium large 3-4 lobed green-red pods. Resistant to BLS 1,2,3, TMV. Sakata.

**Enterprise** (X3R®) – blocky, large to extra-large, 3 to 4 lobes green to red fruits. Resistant to BLS 1,2,3 (X3R®) and Tobamovirus Po. Seminis.

**Excursion II** – medium size green to red fruit. Resistance to BLS 1,2,3, PVY, TMV, TSWV. Abbot and Cobb.

**Legionnaire** – continuous set, uniform green to red fruit. Resistant to BLS 1,2,3, TMV(R), Stip(T), Phytophthora(T). Syngenta/Rodgers.

**Paladin** – early, blocky to deep blocky, extra-large fruits. Matures red. Resistant to Phytophthora(T), TMV. Syngenta/Rodgers.

**Olympus** – uniform shape and size, thick-walled pods. Matures red. Resistant to BLS 1,2,3. Enza Zaden.

**Orion** – Large, 4-lobed, thick-walled blocky green to red fruit. Resistant to BLS 1,2,3. Enza Zaden.

**Patriot** – green-to-red blocky thick walled fruit, early maturing with concentrated fruit set. Resistant to BLS 1,2,3,5, and PVY. Harris/Moran.

**Polaris** – Uniform blocky green to red fruit. Resistance to BLS 1,2,3. Western Seed.

---

1. This document is IPM-204 (IN757), one of a series from the Grower's IPM Guide for Florida Tomato and Pepper Production by the Entomology and Nematology Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Published: December 2007. Please visit the EDIS Website at http://edis.ifas.ufl.edu.

2. G. McAvoy, county extension director and regional vegetable extension agent, Institute of Food and Agricultural Sciences, University of Florida.
Common Pepper Cultivars for Florida Production

Figure 1. Remember that yield is a characteristic more important to growers than to consumers. Keep your market in mind and the characteristics important to them; i.e., pack-out, shelf life, shape (blockiness), number of lobes, color (both mature color and shade of green for immature fruit), size, firmness, pod wall thickness and taste. Credits: Tara Piasio

**Wizard X3R®** – concentrated set, high percentage of large to extra large green to red pods. Resistant to BLS 1,2,3 (X3R®), TMV. Seminis.

**Table 1.** Key to Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLS</td>
<td>Bacterial leaf spot, many races - race 1, 2, 3, 5 resistance available depending on cultivar.</td>
</tr>
<tr>
<td>CMV</td>
<td><em>Cucumber mosaic virus</em></td>
</tr>
<tr>
<td>PeMV</td>
<td><em>Pepper mottle virus</em></td>
</tr>
<tr>
<td>PVY</td>
<td><em>Potato virus Y</em></td>
</tr>
<tr>
<td>Stip</td>
<td>Pepper stip or Pepper spot - a physiological disorder characterized by small discolored spots on pods on maturity</td>
</tr>
<tr>
<td>TEV</td>
<td><em>Tobacco Etch Virus</em></td>
</tr>
<tr>
<td>TMV</td>
<td><em>Tobacco Mosaic Virus</em></td>
</tr>
<tr>
<td>Tobamovirus</td>
<td>Strain of TMV</td>
</tr>
<tr>
<td>Po</td>
<td></td>
</tr>
<tr>
<td>TSWV</td>
<td><em>Tomato spotted wilt virus</em></td>
</tr>
</tbody>
</table>

**Revolution** – cold tolerance, concentrated early set, firm, uniform, extra-large green to red fruits. Resistance to BLS 1,2,3,5, intermediate resistance to CMV and *Phytophthora capsici*. Harris/Moran.

**Sentry** – erect bush, blocky green to red fruit, performs well under high temps. Resistant to BLS 1,2,3, PVY, and Stip. Syngenta/Rodgers.

**Snapper** – Very large, very uniform field pepper for both green and red harvest, 3-4 lobed blocky fruit. Resistant to BLS 1,2,3, Tobamovirus Po. Enza Zaden.

**Telestar** – good canopy, medium-dark green to red pepper, smooth shoulders, blocky, thick-walled, 4-lobed pods. Resistant to BLS 1,2,3, PVY, TMV. Hazera.

Archival copy: for current recommendations see http://edis.ifas.ufl.edu or your local extension office.