Pepper

ADVANTAGE

SWEET PEPPER PORTFOLIO

SAKATA
Sakata’s Sweet Pepper program continues

Our sweet pepper breeding is focused on the total package! Our research team works with specialists to identify trends, beneficial features and priorities. Key production traits we are addressing include marketable yield potential, adaptability, earlier maturity, labor friendliness and improved disease resistance — all the while ensuring consumers receive greater quality, flavor and shelf life. We’re focused on the total package to help you with the sustainable returns you need.

Gridiron
Gridiron is an early maturing, extra-large blocky dark green-to-red bell with impressive yield potential. The fruit are smooth, glossy and high quality, with thick walls and a uniform blocky shape. Gridiron has high resistance to TMV: 0, and Xcv: 0-5, 7-9 and intermediate resistance to TEV.

Classic
Classic is a green-to-red, high-yielding bell that has outstanding fruit quality, with thick walls and a uniform blocky shape. Classic is widely adapted and offers good heat-set ability. It approaches greenhouse quality in the open field. Classic has high resistance to TMV: 0 and Xcv: 0-3, 7, 8.

Double Up
Double Up is a popular green-to-red bell pepper known for dependable performance in most Western U.S. growing regions, as well as Mexico and Central America. It offers early-mid maturity with high yields of quality fruit. Double Up has high resistance to TMV: 0 and Xcv: 0-3, 5, 7, 8.

Red Bull
Red Bull offers plants with excellent canopies. This variety produces strong heavy sets of four-lobed, large fruit that are blocky, smooth and very thick walled. Red Bull has high resistance to TMV: 0 and Xcv: 0-3, 7, 8.

Midas
Midas has a strong prolific plant, with continuous setting ability and good cover. This variety has high yield potential with large to extra-large, rectangular shaped fruit that are mostly four lobed. Its color is from dark green to yellow. The fruit are smooth with thick walls. Midas is also suitable for protected cultivation.

Early Summer
Early Summer is an early to mid-early maturing, extra-large, dark green-to-yellow bell pepper with high potential. The fruit have thick walls and a uniform blocky shape. HR: TMV: 0 / Xcv: 0-5, 7-9 \ IR: TSWV

Red Bull
Red Bull offers plants with excellent canopies. This variety produces strong heavy sets of four-lobed, large fruit that are blocky, smooth and very thick walled. Red Bull has high resistance to TMV: 0 and Xcv: 0-3, 7, 8.

Midas
Midas has a strong prolific plant, with continuous setting ability and good cover. This variety has high yield potential with large to extra-large, rectangular shaped fruit that are mostly four lobed. Its color is from dark green to yellow. The fruit are smooth with thick walls. Midas is also suitable for protected cultivation.

Lamuyo
Sakata’s Sweet Pepper program continues

Our sweet pepper breeding is focused on the total package! Our research team works with specialists to identify trends, beneficial features and priorities. Key production traits we are addressing include marketable yield potential, adaptability, earlier maturity, labor friendliness and improved disease resistance — all the while ensuring consumers receive greater quality, flavor and shelf life. We’re focused on the total package to help you with the sustainable returns you need.
Takara
Takara is a typical Shishito pepper with a small fruit and a mild but rich flavor. The compact plant has a spreading habit, short internodes, is well branched and has high production potential. The fruit uniformity is superior to OP strains. The peduncle holds well to the fruit.

Grenada
Grenada is a cubanelle that offers high resistance to Xcv: 0-3, 7, 8. It is well adapted to the Mid-Atlantic, Southeast and Caribbean. This large to extra-large variety boasts smooth fruit with a shallow shoulder cavity and excellent overall quality. Grenada offers strong plants with great yield potential.

Vikingo
Vikingo is an extra-large, very attractive green-to-yellow blocky bell developed for greenhouse production. It is well suited to warm-cool production seasons. Vikingo has excellent yields and high resistance to TMV: 0 and PMMoV: 1.2.

Yellow Sparkler
Sweet mini “snacking” pepper, with high Brix, a great sweet taste with a crunchy texture. The fruit are mostly smooth, two lobed, and glossy with a very few seeds. The strong plants have good fruit cover and perform well in open field and low to mid-tech culture.
# SWEET PEPPER HYBRIDS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Type</th>
<th>Region / Growing method</th>
<th>Relative Maturity*</th>
<th>Fruit Size / Shape</th>
<th>Fruit Color</th>
<th>Plant Habit</th>
<th>Disease Resistance</th>
<th>Uses &amp; Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blitz</td>
<td>Bell</td>
<td>EC</td>
<td>Early to mid-early</td>
<td>XL / blocky</td>
<td>Medium, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–5, 7–9; IR: TEV</td>
<td>Early and excellent first set yield potential. Suited to harvest for mature green and red harvest.</td>
<td></td>
</tr>
<tr>
<td>Ninja S10®</td>
<td>Bell</td>
<td>EC</td>
<td>Early to mid-early</td>
<td>XL to jumbo / blocky</td>
<td>Medium-large</td>
<td>HR: TMV: 0; IR: Xcv: 0–10</td>
<td>Excellent fruit size with good firmness and S10® bacterial leaf spot resistance.</td>
<td></td>
</tr>
<tr>
<td>Samurai S10®</td>
<td>Bell</td>
<td>EC</td>
<td>Early to mid-early</td>
<td>XL / blocky</td>
<td>Medium-large</td>
<td>HR: TMV: 0; IR: Xcv: 0–10</td>
<td>Widely adapted, great uniformity, quality and size with good firmness and S10® bacterial leaf spot resistance.</td>
<td></td>
</tr>
<tr>
<td>Touchdown</td>
<td>Bell</td>
<td>EC</td>
<td>Mid</td>
<td>XL / blocky</td>
<td>Medium</td>
<td>HR: TMV: 0 / Xcv: 0–5, 7–9</td>
<td>Well suited for place-pack.</td>
<td></td>
</tr>
<tr>
<td>Early Summer</td>
<td>Bell</td>
<td>EC</td>
<td>Mid-early</td>
<td>XL / blocky</td>
<td>Medium-large, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–5, 7–9; IR: TSWV</td>
<td>Great size and quality along with mid-early maturity.</td>
<td></td>
</tr>
<tr>
<td>Bandai</td>
<td>Bell</td>
<td>WC</td>
<td>Mid</td>
<td>XL to jumbo / blocky</td>
<td>Medium-large</td>
<td>HR: PMMoV: 1.2.3 / TMV: 0; IR: TSWV</td>
<td>Excellent size, yield potential and cover.</td>
<td></td>
</tr>
<tr>
<td>Classic</td>
<td>Bell</td>
<td>WC</td>
<td>Mid</td>
<td>Large to XL / blocky</td>
<td>Medium plant with good cover</td>
<td>HR: TMV: 0 / Xcv: 0–3, 7–8</td>
<td>Approaches greenhouse quality in the open field. Great heat set.</td>
<td></td>
</tr>
<tr>
<td>Double Up</td>
<td>Bell</td>
<td>WC</td>
<td>Mid-early</td>
<td>Large to XL / blocky</td>
<td>Medium-large, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–3, 5, 7, 8</td>
<td>Great performer for multiple seasons with excellent yield potential.</td>
<td></td>
</tr>
<tr>
<td>Majestic Red</td>
<td>Bell</td>
<td>WC</td>
<td>Mid-early</td>
<td>Large to XL / blocky</td>
<td>Medium-large, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–3, 5, 7, 8; IR: Pc</td>
<td>Beautiful, high quality sweet bell with extra-large, candy apple red fruit.</td>
<td></td>
</tr>
<tr>
<td>Cherokee</td>
<td>Bell</td>
<td>WC, HT</td>
<td>Mid</td>
<td>XL / blocky</td>
<td>Large, good cover</td>
<td>HR: PMMoV: 1.2 / PVY: 0.12 / Xcv: 0–3, 7–8 / TMV: 0; IR: TSWV</td>
<td>Excellent quality suited for open field and low-tech protected culture.</td>
<td></td>
</tr>
<tr>
<td>Mercer</td>
<td>Bell</td>
<td>NE, HT</td>
<td>Mid-early</td>
<td>Large to XL / blocky</td>
<td>Large, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–3, 7–8; IR: Pc</td>
<td>Well adapted for the Northeast where Phytophthora capsici can be a problem. Classy fruit.</td>
<td></td>
</tr>
<tr>
<td>Gridiron</td>
<td>Bell</td>
<td>WC</td>
<td>Mid-early to mid-early</td>
<td>XL / blocky</td>
<td>Medium-large, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–5, 7–9; IR: TEV</td>
<td>Great size and quality suited to harvest for mature green and red harvest.</td>
<td></td>
</tr>
<tr>
<td>Red Bull</td>
<td>Bell</td>
<td>PM</td>
<td>Mid</td>
<td>XL / blocky</td>
<td>Strong plant, good cover</td>
<td>HR: TMV: 0 / Xcv: 0–3, 7–8</td>
<td>Excellent yields of smooth, thick-walled fruit.</td>
<td></td>
</tr>
<tr>
<td>Vikingo</td>
<td>Bell</td>
<td>HT</td>
<td>Mid</td>
<td>XL / blocky</td>
<td>Medium</td>
<td>HR: PMMoV: 1.2 / TMV: 0</td>
<td>High yield and extra large fruit for high tunnel and greenhouse.</td>
<td></td>
</tr>
<tr>
<td>Grenada</td>
<td>Cubanelle</td>
<td>EC</td>
<td>Mid</td>
<td>XL / long blocky</td>
<td>Good cover on strong plant</td>
<td>HR: Xcv: 0–3, 7–8</td>
<td>Early and productive with good quality smooth fruit.</td>
<td></td>
</tr>
<tr>
<td>Midas</td>
<td>Lamuyo</td>
<td>EC</td>
<td>Mid</td>
<td>Large to XL / long blocky</td>
<td>Tall, vigorous</td>
<td>HR: PVY: 0.1.2 / TMV: 0</td>
<td>Best suited for staking. Excellent fruit quality and customer appeal. For fresh market and processing.</td>
<td></td>
</tr>
<tr>
<td>Takata</td>
<td>Shishito</td>
<td>EC, WC</td>
<td>Very early</td>
<td>Small / elongated</td>
<td>Compact, short</td>
<td>HR: M. lutea / Mj / Ps / PVY: 0.1.2 / Rs / TMV</td>
<td>Classic Shishito, uniformity. Some fruit can be pungent.</td>
<td></td>
</tr>
<tr>
<td>Yellow Sparkler</td>
<td>Snack</td>
<td>Mid</td>
<td>Medium-large</td>
<td>Mini / elongated tapered</td>
<td>Medium-large</td>
<td>HR: TMV: 0</td>
<td>Great flavor, productive.</td>
<td></td>
</tr>
</tbody>
</table>

** Variety**
- **Type:** Bell, Cubanelle, Lamuyo, Snack, WC, HT, EC, NE, WC, North East, EC, West Coast, NE, Pacific, North West, High Tunnel, Rootstock
- **Region:** East Coast, West Coast, North East, Pacific, North West, High Tunnel

**Vigor**
- Strong

**Plant Characteristics**
- Easy grafted with high vigor

**Disease Resistance**
- HR: M. lutea / Mj / Ps / PVY: 0.1.2 / Rs / TMV

**Uses & Remarks**
- Displays good compatibility with various scions.

**SWEET PEPPER HYBRIDS**

**Variety**
- **Type:** Bell, Cubanelle, Lamuyo, Snack, WC, HT, EC, NE, WC, North East, EC, West Coast, NE, Pacific, North West, High Tunnel

**Region**
- East Coast, West Coast, North East, Pacific, North West, High Tunnel

**Plant Characteristics**
- Easy grafted with high vigor

**Disease Resistance**
- HR: M. lutea / Mj / Ps / PVY: 0.1.2 / Rs / TMV

**Uses & Remarks**
- Displays good compatibility with various scions.

**S10®** Signifies intermediate resistance to all 10 races of bacterial leaf spot in pepper. Bacterial spot of tomato and pepper is caused by four bacterial species (Xanthomonas axonopodis, X. vesicatoria, X. perforans, and X. gardneri). Of the four species, X. axonopodis appears to be the main causal agent for bacterial spot of pepper. At this time, 10 races of the pathogen have been identified on pepper. Because of the difficulty in differentiating the bacterial species with non-CNA based methods, the seed industry currently recognizes the causal agent by its former scientific name of Xanthomonas campestris pv. vesicatoria prior to its reclassification.

**Disclaimer:** Claims and other disclosed information are based on our observations and/or information from other sources. Crop performance depends on the interaction between the genetic potential of the seed, its physiological characteristics, the environment, including management, and other uncontrollable factors that may alter expected performance. Triploid hybrid watermelon varieties will on occasion produce empty white seed coats or hard, dark undeveloped seeds and, therefore, are not warranted to be completely "seedless". Statements concerning the reaction of varieties to a specific pathogen, pest or stress are based on evaluation under defined conditions. These reactions can be affected by changes in environmental and biological factors, especially new pathogen races, pest biotypes or vectors of disease agents. Therefore, we give no warranty, express or implied, for crop performance relative to the information given; nor do we accept any liability for any loss, direct, indirect, or consequential, that may arise from any cause. Read all seed package labeling carefully to understand the terms and conditions of sale.

Sakata Seed America, Inc. • 18095 Serene Drive, Morgan Hill, CA 95037 • (408) 778-7758 • www.sakatavegetables.com

© 2018 Sakata Seed America, Inc.