# Resistance to Diseases and Physiological Disorders

## Beet Variety

<table>
<thead>
<tr>
<th>Variety</th>
<th>Bacterial Leaf Spot (B)</th>
<th>Cercospora Leaf Spot (Cb)</th>
<th>Downey Mildew (Ph)</th>
<th>Powdery Mildew</th>
<th>Rhizoctonia Root &amp; Crown Rot</th>
<th>Disease Resistance</th>
<th>Disease Tolerance</th>
<th>Bolting</th>
<th>Cold</th>
<th>Drought</th>
<th>Heat</th>
<th>Stress</th>
<th>Seed Company</th>
<th>Organic Seed</th>
<th>Untreated Seed</th>
<th>Treated Seed</th>
<th>Specifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avalanche (white)</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B, HO, HS, JO, P, SW, TR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>FM</td>
</tr>
<tr>
<td>Boldor (orange)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boro (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H, HS, JO, P, SW, TR</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>FM</td>
</tr>
<tr>
<td>Bull's Blood (heirloom)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B, C, F, H, JO, RS, RU, SI, ST, SW, TR</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>OP</td>
</tr>
<tr>
<td>Chiogga Guar dsmark</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C, F, H, HO, HS, JO, P, RU, SI, ST, SW</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>OP</td>
</tr>
<tr>
<td>Cylindra (heirloom)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B, F, H, HO, JO, RU, SW, TR</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>H</td>
</tr>
<tr>
<td>Detroit (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B, C, F, H, HO, HS, P, RU, SI, ST, SW</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>OP</td>
</tr>
<tr>
<td>Eagle (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F, HO, HS, ST, SW</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>FM</td>
</tr>
<tr>
<td>Falcon (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ST, SW, TR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresh Pak</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>JO</td>
<td></td>
<td></td>
<td></td>
<td>FM</td>
</tr>
<tr>
<td>Golden Detroit (gold)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>Kestrel (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F, ST</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>H</td>
</tr>
<tr>
<td>Meriù (red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C, F, HO, HS, RU, SI, ST</td>
<td>X</td>
<td>X</td>
<td>FM</td>
<td></td>
</tr>
<tr>
<td>Moneta (dk red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>JO, SW</td>
<td></td>
<td></td>
<td></td>
<td>FM</td>
</tr>
<tr>
<td>Pacemaker III (red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C, HO, SI</td>
<td></td>
<td></td>
<td></td>
<td>FM</td>
</tr>
<tr>
<td>Red Ace (red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C, F, H, HO, HS, JO, P, RS, RU, SI, ST, SW, TR</td>
<td>X</td>
<td>X</td>
<td>FM</td>
<td></td>
</tr>
<tr>
<td>Robin (dk red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F, P, TR</td>
<td></td>
<td></td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>Shiraz (red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solo (dk red)</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HO, RU, SI, ST</td>
<td>X</td>
<td>FM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vulture (dk red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HO, SI, ST</td>
<td></td>
<td></td>
<td></td>
<td>H</td>
</tr>
</tbody>
</table>

## Seed Company Catalogues checked:

- 2018
- 2020

<table>
<thead>
<tr>
<th>Specifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR = Disease Resistance listed in catalogue</td>
</tr>
<tr>
<td>with no disease specified for resistance</td>
</tr>
</tbody>
</table>

## Key to the table

B = Burpee
C = Clifton
F = Fedco
H = High Mowing Organic Seeds
HO = Holmes
HS = Harris Seed
JO = Johnny's Seed
P = Park Seed
RS = Rispens Seed
RU = Rupp
SI = Siegers
ST = Stokes
SW = Seedway
TR = Territorial Seed

**Organic Seed**
- B = Burpee
- C = Clifton
- F = Fedco
- HS = Harris Seed
- JO = Johnny's Seed
- P = Park Seed
- RS = Rispens Seed
- RU = Rupp
- SI = Siegers
- ST = Stokes
- SW = Seedway
- TR = Territorial Seed

**Untreated Seed**
- B = Burpee
- C = Clifton
- F = Fedco
- HS = Harris Seed
- JO = Johnny's Seed
- P = Park Seed
- RS = Rispens Seed
- RU = Rupp
- SI = Siegers
- ST = Stokes
- SW = Seedway
- TR = Territorial Seed

**Treated Seed**
- B = Burpee
- C = Clifton
- F = Fedco
- HS = Harris Seed
- JO = Johnny's Seed
- P = Park Seed
- RS = Rispens Seed
- RU = Rupp
- SI = Siegers
- ST = Stokes
- SW = Seedway
- TR = Territorial Seed

**Specifiers**
- H = Hybrid
- OP = Open Pollinated
- FM = Fresh Market
- HG = Home Garden
- P = Processing

**Seed Company Catalogues checked:**

2018 2020

B = Burpee X X
C = Clifton X X
F = Fedco X X
H = High Mowing Organic Seeds X X
HO = Holmes X X
HS = Harris Seed X X
JO = Johnny's Seed X X
P = Park Seed X X
RS = Rispens Seed X X
RU = Rupp X X
SI = Siegers X X
ST = Stokes X X
SW = Seedway X X
TR = Territorial Seed X X