Resistance to Diseases and Physiological Disorders

| $\begin{gathered} \text { Bent } \\ \operatorname{rac}^{\circ} \boldsymbol{c}^{4} \end{gathered}$ |  |  | Downy Mildew; (Pfb) |  |  | Disease Resistance |  | $\begin{aligned} & 00 \\ & \text { E } \\ & \text { 00 } \\ & \hline \end{aligned}$ | 흘 | $\begin{aligned} & \frac{1}{b} \\ & \frac{0.0}{60} \\ & \overline{0} \\ & 0 \end{aligned}$ | 苞 | $\begin{gathered} n \\ 0 \\ 0 \\ 0 \\ 0 \end{gathered}$ |  |  |  |  | 管 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BLS | CLS | DM | PM | Rs/CR | DR | DT | B | C | D | H | S | Seed Company | O | U | T | S |
| Avalanche (white) |  | X |  |  |  |  |  |  |  |  |  |  | B, HO, HS, JO, P, SW, TR |  | X | X | FM |
| Boldor (orange) |  |  |  |  |  |  |  |  |  |  |  | X | F, JO, TR |  |  | X | H |
| Boro (dk red) | X | X |  |  |  |  |  |  |  |  |  |  | H, HS, JO, P, SW, TR | X | X | X | FM |
| Bull's Blood (heirloom) |  |  |  |  |  |  |  |  | X |  | X |  | $\begin{aligned} & \text { B, C, F, H, JO, RS, RU, SI, } \\ & \text { ST, SW, TR } \end{aligned}$ | X | X | X | OP |
| Chioggia Guardsmark |  |  |  |  |  |  |  | X |  |  |  |  | $\begin{array}{\|l} \hline \text { C, F, H, HO, HS, JO, P, } \\ \text { RU, SI, ST, SW } \end{array}$ | X | X | X | OP |
| Cylindra (heirloom) |  | X |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \mathrm{B}, \mathrm{~F}, \mathrm{H}, \mathrm{HO}, \mathrm{JO}, \mathrm{RU}, \mathrm{SW}, \\ & \text { TR } \end{aligned}$ | X | X | X | H |
| Detroit (dk red) |  | X | X |  |  |  |  | X | X |  |  |  | $\begin{aligned} & \text { B, C, F, H, HO, HS, P, RU, } \\ & \text { SI, ST, SW } \end{aligned}$ | X | X | X | OP |
| Eagle (dk red) |  |  |  |  |  |  |  | X |  |  | X |  | F, HO, HS, ST, SW |  | X | X | FM |
| Falcon (dk red) |  |  |  |  |  |  |  | X |  |  | X |  | ST, SW, TR |  |  | X | FM |
| Fresh Pak |  | $\mathbf{X}$ |  |  |  |  |  |  |  |  |  |  | JO |  |  | X | H |
| Golden Detroit (gold) |  |  |  |  |  | X |  |  |  |  |  |  | F, ST | X |  | X | H |
| Kestrel (dk red) |  | X | X | X | X |  | X | X |  | X |  |  | C, F, HO, HS, RU, SI, ST |  | X | X | FM |
| Merlin (red) |  | X | X |  |  |  |  |  |  | X |  |  | $\begin{aligned} & \text { B, C, HO, HS, JO, P, RS, } \\ & \text { RU, SI, ST, SW, TR } \\ & \hline \end{aligned}$ | X | X | X | FM |
| Moneta (dk red) |  |  |  |  |  |  |  | X |  |  |  |  | JO, SW |  | X | X | FM |
| Pacemaker III (red) |  | X | X |  | X |  |  |  |  | X |  |  | C, HO, SI |  |  | X | FM |
| Red Ace (red) |  | X | X | X | X |  |  | X |  |  | X |  | $\begin{aligned} & \text { C, F, H, HO, HS, JO, P, RS, } \\ & \text { RU, SI, ST, SW, TR } \end{aligned}$ | X | X | X | FM |
| Robin (dk red) |  |  |  |  |  | X |  |  |  |  | X |  | F, P, TR |  |  | X | H |
| Shiraz (red) |  |  |  |  | X |  |  |  |  |  |  |  | H |  |  | X | OP |
| Solo (dk red) |  | X | X | X | X |  |  |  |  | X |  |  | HO, RU, SI, ST |  |  | X | FM |
| Vulture (dk red) |  |  |  |  |  |  |  | X |  |  |  |  | HO, SI, ST |  |  | X | H |

Key to the table
DR = Disease Resistance listed in catalogue with no disease specified for resistance

## Specifics:

H = Hybrid
OP $=$ Open Pollinated
FM $=$ Fresh Market
$\mathrm{HG}=$ Home Garden
$\mathrm{P}=$ Processing
Seed Company Catalogues checked:

|  | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 2 0}$ |
| :--- | :---: | :---: |
| B = Burpee | $\mathbf{X}$ | $\mathbf{X}$ |
| C = Clifton | $\mathbf{X}$ | $\mathbf{X}$ |
| F = Fedco | $\mathbf{X}$ | $\mathbf{X}$ |
| H = High Mowing Organic Seeds | $\mathbf{X}$ | $\mathbf{X}$ |
| HO = Holmes | $\mathbf{X}$ | $\mathbf{X}$ |
| HS = Harris Seed | $\mathbf{X}$ | $\mathbf{X}$ |
| JO = Johny's Seed | $\mathbf{X}$ | $\mathbf{X}$ |
| P = Park Seed | $\mathbf{X}$ | $\mathbf{X}$ |
| RS = Rispens Seed | $\mathbf{X}$ | $\mathbf{X}$ |
| RU = Rupp | $\mathbf{X}$ | $\mathbf{X}$ |
| ST = Siegers | $\mathbf{X}$ |  |
| ST = Stokes | $\mathbf{X}$ |  |
| SW = Seedway | TR = Territorial Seed |  |

