$\mathbf{D}=$ bloom density rating ( $5=$ very heavy, $4=$ heavy, $3=$ moderate, $2=$ light, $1=$ very light none)

| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Red Gravenstein | 5 | 80 | full | pet fall |  |  |
| Pristine (Coop 32) | 4/2 | 60 | full | pet fall |  |  |
| TNR-10T-11 | 5 | 50 | full | pet fall |  |  |
| Alkmene | 5 | 50 | full | pet fall |  |  |
| Emerald Spire | 5 | 50 | full | pet fall |  |  |
| PAR-12T-101 | 5 | 50 | full | pet fall |  |  |
| Arlet | 5 | 40 | full | pet fall |  |  |
| Gravenstein (IRA) | 3 | 40 | full | pet fall |  |  |
| NY 79529-70 | 4 | 40 | full | pet fall |  |  |
| CMR-2T-13 | 4 | 40 | full | pet fall |  |  |
| COOP 43 | 5 | 40 | full | full-pf | pet fall |  |
| Sunrise | 5 | 40 | full | full-pf | pet fall |  |
| Monark (AA 44) | 5 | 30 | full | pet fall |  |  |
| Marshall Mac | 5 | 30 | full | pet fall |  |  |
| Delroval | 5 | 30 | full | pet fall |  |  |
| BC 11W-12-85 | 5 | 20 | full | pet fall |  |  |
| NY 75441-67 | 4 | 20 | full | pet fall |  |  |
| Scarlet Sentinel | 5 | 20 | full | pet fall |  |  |
| Pioneer Mac | 4 | 20 | full | pet fall |  |  |
| Rogers Red McIntosh | 4 | 20 | full | pet fall |  |  |
| HWR-19T-18 | 5 | 20 | full | pet fall |  |  |
| NY 81204-42 | 4 | 20 | full | pet fall |  |  |
| Coop 41 | 5 | 20 | full | full-pf | pet fall |  |
| NY 75414-1 | 5 |  | full | pet fall |  |  |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X3191 | 5 | 10 | full | pet fall |  |  |
| Compact Mac | 5+ | 10 | full | pet fall |  |  |
| Chevadel | 5 | 10 | full | pet fall |  |  |
| Redmax | 5 | 10 | full | pet fall |  |  |
| Empire, Thome | 4 | 10 | full | pet fall |  |  |
| CLR-20T-30 | 5 | 5 | full | pet fall |  |  |
| Ashmead's Kernel | 5 | 5 | full | pet fall |  |  |
| Northpole | 5 | 5 | full | pet fall |  |  |
| Enterprise | 4 | 5 | full | pet fall |  |  |
| Pink Pearl | 4 | 5 | full | pet fall |  |  |
| Orin | 5 | 10 | 90 | pet fall |  |  |
| Pink Delight | 3 | 10 | 90 | pet fall |  |  |
| Pink Parfait (Mott Pink) | 4 | 10 | 90 | pet fall |  |  |
| OSU 31-19 | 5 | 10 | 90 | pet fall |  |  |
| Jonagold, Jomured | 5 | 10 | 80 | pet fall |  |  |
| NY 66305-289 | 2 | 10 | 80 | pet fall |  |  |
| Morspur Mac | 5 | 10 | 80 | pet fall |  |  |
| Mac, Miracle | 4 | 5 | 80 | pet fall |  |  |
| Rosy Glow (B101) | 3 | 5 | 80 | pet fall |  |  |
| Empire | 5 | 5 | 80 | pet fall |  |  |
| Creston | 4 | 5 | 80 | pet fall |  |  |
| Red Boskoop | 5 | 10 | full | full-pf | pet fall |  |
| BC 11W-19-18 | 5 | 10 | full | full-pf | pet fall |  |
| Shizuka | 5 | 10 | full | full-pf | pet fall |  |
| CLR-20T-60 | 4 | 5 | full | full-pf | pet fall |  |
| NY 73334-35 | 4 |  | full | full-pf | pet fall |  |
| Zestar (MN 1824) | 4 | 30 | 90 | full-pf | pet fall |  |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Silken | 4-5 | 20 | 90 | full-pf | pet fall |  |
| Hidden Rose | 3 | 10 | 90 | full-pf | pet fall |  |
| Wynooche | 4 | 10 | 90 | full-pf | pet fall |  |
| Ginger Gold | 4-3 | 10 | 90 | full-pf | pet fall |  |
| Greensleeves | 5 | 10 | 90 | full-pf | pet fall |  |
| PSWR-11T-48 | 3 | 10 | 90 | full-pf | pet fall |  |
| Jonamac | 4 |  | 90 | full-pf | pet fall |  |
| NYB-298 | 4 |  | 90 | full-pf | pet fall |  |
| NY 486 | 4 |  | 90 | full-pf | pet fall |  |
| NY 460 | 4 |  | 90 | full-pf | pet fall |  |
| Jonagold, King | 5 | 10 | 80 | full-pf | pet fall |  |
| NATCO 21 | 4 |  | 80 | full-pf | pet fall |  |
| Rajka | 4 |  | 80 | full-pf | pet fall |  |
| Releika | 4 |  | 80 | full-pf | pet fall |  |
| Akane | 5 |  | 80 | full-pf | pet fall |  |
| Coop 44 | 5 |  | 80 | full-pf | pet fall |  |
| Jonagored | 5 |  | 70 | full-pf | pet fall |  |
| NY 79507-72 | 4 |  | 70 | full-pf | pet fall |  |
| NY 65707-19 | 4 |  | 70 | full-pf | pet fall |  |
| NY 688 | 4 | 5 | 90 | full | pet fall |  |
| Empire, Royal | 4 | 5 | 90 | full | pet fall |  |
| Improved McIntosh | 4 | 10 | 80 | full | pet fall |  |
| GRE-1197 | 5 | 10 | 80 | full | pet fall |  |
| BC 8C-5-62 | 4 | 5 | 80 | full | pet fall |  |
| NY 428 | 5 | 5 | 80 | full | pet fall |  |
| Jonagold, Rubinstar | 5 | 5 | 80 | full | pet fall |  |
| Jonagold, Jonica | 4 | 5 | 80 | full | pet fall |  |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AA 18 | 5 |  | 80 | full | pet fall |  |
| Roxbury Russet | 3 |  | 80 | full | pet fall |  |
| Pink Sparkle | 4 |  | 80 | full | pet fall |  |
| Tompkins King | 3 |  | 70 | full | pet fall |  |
| Rubinette | 5 |  | 70 | full | pet fall |  |
| Golden Sentinel | 4 |  | 70 | full | pet fall |  |
| Delkistar | 4 |  | 70 | full | pet fall |  |
| HER-4T-16 | 3 |  | 70 | full | pet fall |  |
| Lucky Rose | 5 |  | 70 | full | pet fall |  |
| Daliest | 5 |  | 70 | full | pet fall |  |
| Rosemary Russet | 4 | 5 | 70 | full | pet fall |  |
| Scarlet O'Hara(Coop 25) | 3 |  | 60 | full | pet fall |  |
| Empress | 5 |  | 60 | full | pet fall |  |
| Arkcharm | 3 |  | 60 | full | pet fall |  |
| NY 75413-30 | 4 |  | 60 | full | pet fall |  |
| CQR 10T-17 | 3-4 |  | 50 | full | pet fall |  |
| Canadian Grise | 5 |  | 50 | full | pet fall |  |
| Jonagold, Crimson | 5 |  | 70 | full | full-pf | pet fall |
| CLR-20T-22 | 5 |  | 70 | full | full-pf | pet fall |
| Deljeni | 5 |  | 70 | full | full-pf | pet fall |
| Fuji, Jubilee | 5 |  | 60 | full | full-pf | pet fall |
| Delblush | 5 |  | 50 | full | full-pf | pet fall |
| Karmijn de Sonnaville | 5 |  | 50 | full | full-pf | pet fall |
| Corail (Pinova) | 4 | 5 | 50 | full | full-pf | pet fall |
| Goldensheen | 5 |  | 50 | full | full-pf | pet fall |
| Elstar | 4 | 5 | 50 | full | pet fall |  |
| Braeburn | 5 |  | 40 | full | pet fall |  |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delorgue ? 2-14 | 4 |  | 40 | full | pet fall |  |
| Aroma | 4 |  | 40 | full | pet fall |  |
| AA 59 | 3 |  | 40 | full | pet fall |  |
| Empire, Royal | 5 |  | 30 | full | pet fall |  |
| Foxwhelp | 5 |  | 30 | full | pet fall |  |
| Mutsu | 5 |  | 30 | full | full-pf | pet fall |
| Braeburn, Hillwell | 5 |  | 30 | full | full-pf | pet fall |
| Tsugaru, Homei | 4 |  | 30 | full | full-pf | pet fall |
| X4892 | 4 |  | 30 | full | full-pf | pet fall |
| Fuji, TAC 114 | 4 |  | 30 | full | full-pf | pet fall |
| Vanderhoek | 3-4 |  | 30 | full | full-pf | pet fall |
| P15R-3T-86 | 5 |  | 30 | full | full-pf | pet fall |
| Redchief | 3 |  | 30 | full | full-pf | pet fall |
| Braeburn, Braestar | 4 |  | 30 | full | full-pf | pet fall |
| Braeburn, Joburn | 4 |  | 30 | full | full-pf | pet fall |
| Goldblush, Spur | 5 |  | 30 | full | full-pf | pet fall |
| Coop 33 | 3 |  | 30 | full | full-pf | pet fall |
| Jonagold, DeCoster | 4 |  | 30 | full | full-pf | pet fall |
| Fiesta | 4 |  | 20 | full | full-pf | pet fall |
| Royal Court | 3 |  | 20 | full | full-pf | pet fall |
| Sansa | 4 |  | 20 | full | full-pf | pet fall |
| Taylor's | 5 |  | 20 | full | full-pf | pet fall |
| Beni Shogun | 4 |  | 20 | full | full-pf | pet fall |
| Coop 40 | 5 |  | 20 | full | full-pf | pet fall |
| Brown's Apple | 4-5 |  | 20 | full | full-pf | pet fall |
| Honeycrisp | 4 |  | 20 | full | full | pet fall |
| Spartan | 4 |  | 10 | full | full-pf | pet fall |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gala, Ultrared | 5 |  | 10 | full | full-pf | pet fall |
| Gala, Galaxy | 5 |  | 10 | full | full-pf | pet fall |
| Sayaka | 5 |  | 10 | full | full-pf | pet fall |
| PAR-4T-215 | 3 |  | 10 | full | full-pf | pet fall |
| Gala, Royal | 5 |  | 10 | full | full-pf | pet fall |
| Redcort | 3 |  | 10 | full | full-pf | pet fall |
| BC 8S-29-18 | 3 |  | 10 | full | full-pf | pet fall |
| SunCrisp | 4 |  | 10 | full | full-pf | pet fall |
| Melrouge | 4 |  | 5 | full | full-pf | pet fall |
| Crimson Spire | 5 |  | 5 | full | full-pf | pet fall |
| Belmac | 3 |  | 5 | full | full-pf | pet fall |
| Gala, Imperial | 5 |  | 10 | full | full | pet fall |
| Princess | 5 |  | 10 | full | full | pet fall |
| Fuji, Std. | 4 |  | 30 | 90 | full | pet fall |
| BC 8S-27-2 | 4 |  | 20 | 90 | full | pet fall |
| Royal Gala x Prima | 2 |  | 10 | 90 | full-pf | pet fall |
| Ellison's Orange | 4 |  | 10 | 90 | full-pf | pet fall |
| Gala, Brookfield | 5 |  | 10 | 90 | full-pf | pet fall |
| Coop 42 | 5 |  | 10 | 90 | full-pf | pet fall |
| CQR-12T-50 | 2 |  | 10 | 90 | full-pf | pet fall |
| PWR-11T-128 | 4-3 |  | 10 | 90 | full-pf | pet fall |
| HER-3T-139 | 5 |  | 10 | 90 | full-pf | pet fall |
| Hatsuaki | 5 |  | 5 | 90 | full-pf | pet fall |
| Ambrosia | 4 |  | 5 | 90 | full-pf | pet fall |
| Gala, Regal (Fulford) | 4 |  | 5 | 90 | full-pf | pet fall |
| Gala, Imperial | 5 |  | 5 | 90 | full-pf | pet fall |
| JG 397 | 2 |  | 10 | 90 | full-pf | pet fall |


| Cultivar | D | Apr 29 | May 7 | May 15 | May 21 | May 29 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Gala, Gale | 5 |  | 10 | 90 | full | pet fall |
| Gala, Pacific | 5 |  | 10 | 90 | full | pet fall |
| Mikki Life | 2 |  | 10 | 90 | full | pet fall |
| TWI-300 | 4 |  | 10 | 90 | full | pet fall |
| Michelin | $3-4$ |  | 10 | 90 | full | pet fall |
| NATCO 73 | 5 |  | 10 | 90 | full | pet fall |
| Kingston Black | 2 |  | 10 | 90 | full | pet fall |
| Pixie | 3 |  | 10 | 90 | full | pet fall |
| Cameo | 3 |  | 10 | 80 | full | pet fall |
| NY 81209-69 | 4 |  | 10 | 80 | full | pet fall |
| Elliott | 4 |  | 10 | 80 | full | pet fall |
| Muscadet de Dieppe | 3 |  | 10 | 80 | full | pet fall |
| Chisel Jersey | $2-4$ |  | 10 | 80 | full | pet fall |
| BUT-398 | 2 |  | 10 | 70 | full | pet fall |
| Harry Masters' Jersey | 3 |  | 10 | 70 | full | full-pf |
| Delorina | 4 |  |  | 50 | full | pet fall |
| Dabinett | 3 |  |  | full | full-pf |  |
| NY 489 | 4 |  |  | 20 | full | full-pf |
| Yarlington Mill | 4 |  |  | fight bud | 80 |  |
| Vilberie |  |  |  |  | tight bud | 80 |
| Brown Snout |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Note 4/29: Pinova and NY 66305-289 have large, purplish-red buds, attractive.

