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**Table 2. Aesthetic Profiles of Crabapples in Secret Arboretum.**

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| <b>Crabapple</b> | <b>Time of Effective Fruit Display<sup>1</sup></b> | <b>Mature Tree Size<sup>2</sup></b> |
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|----------------|---|--------------|
| <b>'Adams'</b> | <b>mid-July to late December</b><br>Maroon-red fruits, deep pink flowers, rounded form. | <b>18-20</b> |
|----------------|---|--------------|

**Positives:** Abundant oval shaped fruit; attractive striated bark on upper trunk and branches; nice yellow fall color; fast-growing tree. **Negatives:** Tenacious fruit mummies may remain for up to two years; mummies may detract from aesthetics during bloom and summer appearance; chlorotic foliage noted during summer. **Diseases:** Major leaf scab.

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| <b>'Adirondack'</b> | <b>late August to mid-December</b><br>Orange-red fruits, white flowers, narrow upright form. | <b>12-15</b> |
|---------------------|--|--------------|

**Positives:** One of the best for tight, columnar form; great autumn fruit/foliage combination; fruit ripens to a deep orange-red; fruit appears singular rather than clustered; annual consistent flowers are red-tinged. **Negatives:** Somewhat slow to establish and grow; leafhoppers appear to relish the foliage but no apparently harm from the feeding. **Diseases:** No scab.

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|-------------------------------|---|--------------|
| <b>'American Masterpiece'</b> | <b>late August to mid-November</b><br>Yellow-orange fruits, red-pink flowers, broadly rounded form. | <b>18-20</b> |
|-------------------------------|---|--------------|

**Positives:** Large, spectacular flowers. **Negatives:** Very susceptible to scab; an intense scab season may totally defoliate the tree by late July. **Diseases:** Major fruit and leaf scab.

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|--------------------------|---|--------------|
| <b>'American Salute'</b> | <b>mid-August to late November</b><br>Red-orange fruits, rose-purple flowers, upright spreading form. | <b>25-28</b> |
|--------------------------|---|--------------|

**Positives:** Great autumn fruit/foliage combination; fall foliage color ranges from reds to apricot and oranges; fruit ripens to a deep red-orange; fruit can line branches creating an outstanding fruit display; very fast growing tree. **Negatives:** Develops into a very large tree; scabby leaves remain on the tree; very susceptible to scab. **Diseases:** Major leaf scab.

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|--------------------------|---|--------------|
| <b>'American Spirit'</b> | <b>late August to mid-December</b><br>Maroon-red fruits, rose-pink flowers, rounded form. | <b>15-18</b> |
|--------------------------|---|--------------|

**Positives:** Great flower display when blooming; fruit with oblong shape. **Negatives:** Somewhat slow to establish and grow; very susceptible to scab; an intense scab season may defoliate the tree by mid-August. **Diseases:** Major scab.

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|                           |   |              |
|---------------------------|---|--------------|
| <b>'American Triumph'</b> | <b>mid-September to late January</b><br>Maroon fruits, rose-pink flowers, broadly rounded form. | <b>18-20</b> |
|---------------------------|---|--------------|

**Positives:** Attractive flower display when blooming. **Negatives:** Very susceptible to scab; an intense scab season may defoliate the tree by late July. **Diseases:** Major scab.

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**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>   | <b>Time of Effective Fruit Display<sup>1</sup></b> | <b>Mature Tree Size<sup>2</sup></b> |
|--|--|-------------------------------------|
| <p><i>Malus baccata</i> ‘<b>Jackii</b>’</p> <p>Maroon-red fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Reliable flower display; large, glossy green leaves, by far the best foliage of any crabapple in the plot; outstanding fall contrast of yellow- to rust-colored leaves against attractive maroon-red fruit; frosty temperatures cause bark to take on an orange cast. <b>Negatives:</b> Relative sparseness of fruit clusters and mediocre overall winter appearance. <b>Diseases:</b> No scab.</p>  | <b>mid-August to late January</b>                  | <b>18-20</b>                        |
| <p>‘<b>Beverly</b>’</p> <p>Bright pinkish-red fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Consistent flowers; impressive fruit display from late summer through early fall; profuse pink buds opening to snowy white flowers in spring. <b>Negatives:</b> Muddied, rotted fruits turn black beginning mid-fall through winter; fruits partially eaten by birds creating an unsightly mess on the tree; sprawling, awkward growth habit. <b>Diseases:</b> No scab; however, moderate fireblight noted in 1994.</p>  | <b>late July to mid-October</b>                    | <b>18-20</b>                        |
| <p>‘<b>Bob White</b>’</p> <p>Gold-yellow fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Persistent, small, firm fruits maturing mid-winter into striking orange-gold color; an excellent fruit color for fall and winter landscapes; exceptional floral display of delicate white blossoms mixed with pinkish-red buds; overall one of the better yellow-fruited selections of the plot. <b>Negatives:</b> Fruit/floral display alternates yearly from profuse to sparse; lacks summer appeal due to inconspicuous green fruit color. <b>Diseases:</b> No scab.</p> | <b>mid-October to late January</b>                 | <b>18-20</b>                        |
| <p>‘<b>Brandywine</b>’</p> <p>Yellow-green fruits, deep-pink double flowers, rounded form.</p> <p><b>Positives:</b> Double flower is without equal; fragrant, deep-pink flowers look like tiny roses; great fall foliage color; large leaves with burgundy overtones; great smooth, silver-colored bark. <b>Negatives:</b> Very large fruit; slow to establish and grow; cedar-apple rust may disfigure leaves in some areas. <b>Diseases:</b> Minor fruit and leaf scab.</p>  | <b>mid-June to late October</b>                    | <b>18-20</b>                        |
| <p>‘<b>Callaway</b>’</p> <p>Cherry-red fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Lovely white flowers; shiny cherry-red fruits; large green, scab-resistant foliage. <b>Negatives:</b> Large fruited crabapple; a heavy fruit set can disfigure tree by loading down young branches. <b>Diseases:</b> No scab.</p>   | <b>late August to mid-November</b>                 | <b>18-20</b>                        |
| <p><i>M. zumi</i> ‘<b>Calocarpa</b>’</p> <p>Red fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Consistent annual flower display; abundant clusters of tiny, petite, shiny red fruit; attractive red pedicel effect created after the fruit falls off. <b>Negatives:</b> Fruits shrivel rapidly after a few frosts; overall winter appeal is limited. <b>Diseases:</b> Minor leaf and trace of fruit scab.</p>   | <b>late-August to mid-December</b>                 | <b>15-18</b>                        |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| Crabapple  | Time of Effective Fruit Display <sup>1</sup>  | Mature Tree Size <sup>2</sup> |
|--|---|-------------------------------|
| 'Camelot'  | <p style="text-align: center;"><b>mid-July to late October</b><br/>Rose-pink fruits, white flowers, dwarf rounded form.</p>         | 8-10                          |
| <p><b>Positives:</b> Oblong, unique colored fruit; petite, lovely fuschia-tinged flower; diminutive size is great for space limited areas; foliage dark green with burgundy overtones. <b>Negatives:</b> Very slow growing; dull summer leaf appearance. <b>Diseases:</b> No scab.</p>   |   |                               |
| 'Canary'   | <p style="text-align: center;"><b>mid-August to mid-November</b><br/>Yellow fruits, white flowers, upright open form.</p>           | 12-15                         |
| <p><b>Positives:</b> Bright yellow, tiny fruits hang in clusters along branches to accentuate open form; good autumnal fruit/foliage combination creates a blaze of yellow; cider brown fruit generates aesthetic interest in a fall with mild temperatures. <b>Negatives:</b> Early defoliation from scab; fruit deteriorates rapidly to cider brown and falls off quickly after a few frosts. <b>Diseases:</b> Minor leaf and trace of fruit scab.</p> |   |                               |
| 'Candymint'  | <p style="text-align: center;"><b>mid- July to late November</b><br/>Red-purple fruits, pink flowers, low spreading form.</p>       | 8-10                          |
| <p><b>Positives:</b> Graceful low spreading form; reliable fruit/flower displays; burgundy-tinged leaves; new stems are a deep burgundy; new foliage is striking, shiny wine-red. <b>Negatives:</b> Very slow growing; fruit display is never overwhelming; dull summer leaf appearance. <b>Diseases:</b> Trace of leaf scab.</p>  |   |                               |
| 'Canterbury'   | <p style="text-align: center;"><b>mid-July to late October</b><br/>Rose-pink fruits, white flowers, rounded form.</p>               | 8-10                          |
| <p><b>Positives:</b> Attractive oblong fruit; petite, lovely fuschia-tinged flower; diminutive size is great for space limited areas; foliage dark green with burgundy overtones. <b>Negatives:</b> Very slow growing; dull summer leaf appearance. <b>Diseases:</b> No scab.</p>  |   |                               |
| 'Centurion'  | <p style="text-align: center;"><b>mid-June to late October</b><br/>Cherry-red fruits, rose-red flowers, upright spreading form.</p> | 18-20                         |
| <p><b>Positives:</b> Attractive blossom show; nice glossy new fruit; fall foliage colors to a rust-orange. <b>Negatives:</b> Fruits dull with age; awkward appearance of open splayed branches as tree matures. <b>Diseases:</b> Major leaf and trace of fruit scab.</p>   |   |                               |
| 'Cinderella'   | <p style="text-align: center;"><b>late August to mid-November</b><br/>Golden-yellow fruits, white flowers, dwarf rounded form.</p>  | 4-6                           |
| <p><b>Positives:</b> Snowy-white flower display; tiny fruits start yellow and mellow to golden hue; diminutive tree form excellent for restricted spaces. <b>Negatives:</b> Fruit hidden and unnoticed until leaf drop; fruit quickly turns cider brown with warmer temperatures; mediocre summer appeal. <b>Diseases:</b> Trace of scab; apple mosaic virus noted.</p>  |   |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>  | <b>Time of Effective Fruit Display<sup>1</sup></b>  | <b>Mature Tree Size<sup>2</sup></b> |
|---|---|-------------------------------------|
| <b>'Coralburst'</b>   | <b>early October to early November</b><br>Yellow-green fruits, coral-pink double flowers, dense-rounded form. | <b>12-15</b>                        |
| <b>Positives:</b> Tree form is consistent and easy to identify; double flowers can be showy. <b>Negatives:</b> Fruit hidden and unnoticed until leaf drop; fruit rarely noticed due a type of fruit russeting and same color as leaves; strap-like leaves are very susceptible to scab. <b>Diseases:</b> Major scab.  |   |                                     |
| <b>'David'</b>  | <b>mid-September to mid-November</b><br>Scarlet fruits, white flowers, rounded form.                          | <b>12-15</b>                        |
| <b>Positives:</b> Abundant snowy-white flower display; impressive cherry-like fruits; nice tree form. <b>Negatives:</b> yearly floral/fruit displays alternate from profuse to sparse; large mummies hang from late fall to mid-winter; mediocre summer appeal. <b>Diseases:</b> Trace of scab.   |   |                                     |
| <b>'Dolgo'</b>  | <b>early August to mid-September</b><br>Red-purple plum-like fruits, snowy-white flowers, large rounded form. | <b>15-18</b>                        |
| <b>Positives:</b> Consistent, very early annual bloomer; almost neon red-purple fruits are edible and great for jam and jellies; fruit impressive for a brief period during mid-summer. <b>Negatives:</b> Major fruit mess due to fruit drop; overripe fruit smell is intoxicating and attractive to yellowjackets; lacks ornamental effect for much of the year. <b>Diseases:</b> No scab.                                     |   |                                     |
| <b>'Donald Wyman'</b>   | <b>mid-September to late March</b><br>Bright red fruits, white flowers, broadly rounded form.                 | <b>22-25</b>                        |
| <b>Positives:</b> Excellent floral display; persistent glossy fruits remain effective, turning mud-red after a freeze; attractive exfoliating bark develops on mature trees. <b>Negatives:</b> Tenacious fruit mummies hang into early summer; heavy fruit scab repeatedly reduces overall appeal. <b>Diseases:</b> Minor leaf and major fruit scab.  |   |                                     |
| <b>'Doubloons'</b>  | <b>early October to mid-December</b><br>Lemon-gold fruit, white double flowers, rounded form.                 | <b>10-12</b>                        |
| <b>Positives:</b> Double flowers are gorgeous with carmine tinted outer petals contrasting with inner silky-white petals; lemon-yellow fruit mellows to gold with each frost. <b>Negatives:</b> Slow to establish and grow; mediocre appeal for most of the growing season until leaves drop. <b>Diseases:</b> Minor leaf and trace of fruit scab.  |   |                                     |
| <b>'Excalibur'</b>  | <b>mid-September to mid-December</b><br>Golden-yellow fruit, white flowers, dwarf rounded form.               | <b>8-10</b>                         |
| <b>Positives:</b> Consistent rounded tree form; tiny, small, shiny fruit is outstanding in the fall; fruit-lined branches create striking specimen in the landscape; fruits mature to a shiny cider brown color but interest still retained. <b>Negatives:</b> Flowers can be hidden by rapidly expanding foliage; fruit is hidden to the plant interior until leaves drop. <b>Diseases:</b> No scab; apple mosaic virus noted. |   |                                     |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| Crabapple  | Time of Effective Fruit Display <sup>1</sup>   | Mature Tree Size <sup>2</sup> |
|--|--|-------------------------------|
| 'Firebird'   | <p style="text-align: center;"><b>mid September to late January</b><br/>Red-orange fruit, white flowers, dwarf upright spreading form.</p> | <b>8-10</b>                   |
| <p><b>Positives:</b> Consistent tree form is achieved by top grafting (high graft) and is perfect for restricted spaces; small fruit matures to deep red; good flower display. <b>Negatives:</b> Slow to establish and grow; flower and fruit displays are scattered and steady but never dazzling. <b>Diseases:</b> No scab.</p>  |  |                               |
| <i>M. floribunda</i>   | <p style="text-align: center;"><b>mid-October to early November</b><br/>Yellow fruit, white flowers, broadly rounded form.</p>             | <b>12-15</b>                  |
| <p><b>Positives:</b> Airy floral display of pink-red buds opening to white flowers; great commingling of yellow and cider-brown fruit colors for autumnal effect; fruit may develop a red blush; feathery effect of pedicels in winter. <b>Negatives:</b> Yellow flecking of foliage in summer; very short time of fruit impact; relatively ordinary appearance for much of the year. <b>Diseases:</b> Minor scab.</p> |  |                               |
| 'FoxFire'  | <p style="text-align: center;"><b>early September to mid-November</b><br/>Cherry-red fruit, white flowers, broadly rounded form.</p>       | <b>12-15</b>                  |
| <p><b>Positives:</b> fruit has a unique beak or point located on the calyx end; fast-growing tree; consistent form; nice clean foliage; fruit color mellows with each frost. <b>Negatives:</b> Mediocre appeal until fruits color; fireblight can be a problem. <b>Diseases:</b> No scab; very susceptible to fireblight.</p>  |  |                               |
| 'Glenn Mills/Winter Gem'   | <p style="text-align: center;"><b>late August to mid-April</b><br/>Bright red fruits, white flowers, broadly rounded form.</p>             | <b>15-18</b>                  |
| <p><b>Positives:</b> Dependable annual bloom; petite, firm, shiny fruit is sensational; long-lasting fruit effect; consistent tree form; fast to establish and grow. <b>Negatives:</b> Mediocre summer appeal. <b>Diseases:</b> Major leaf and trace of fruit scab.</p>  |  |                               |
| 'Golden Raindrops'   | <p style="text-align: center;"><b>mid-October to early December</b><br/>Yellow fruits, white flowers, open spreading form.</p>             | <b>20-22</b>                  |
| <p><b>Positives:</b> Petite, lemon-yellow fruits; interesting cutleaf, glossy deep-green foliage; reliable fruit/flower display; great autumnal leaf color; contrasting yellow-orange bark. <b>Negatives:</b> Bland green fruit throughout the summer; tree form unruly without pruning. <b>Diseases:</b> No scab; very susceptible to fireblight.</p>   |  |                               |
| 'Guinevere'  | <p style="text-align: center;"><b>late Aug to mid November</b><br/>Cherry-red fruit, white flowers, dwarf broadly spreading form.</p>      | <b>6-8</b>                    |
| <p><b>Positives:</b> Horizontal orientation of branches is interesting aspect; flower and fruit displays are steady annual events but scattered along the branches. <b>Negatives:</b> Slow to establish and grow; flower and fruit displays are underwhelming. <b>Diseases:</b> No scab; apple mosaic virus noted.</p>   |  |                               |

Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.

| Crabapple  | Time of Effective Fruit Display <sup>1</sup>   | Mature Tree Size <sup>2</sup> |
|--|--|-------------------------------|
| 'Hamlet'   | late Aug to mid November<br>Maroon-red fruit, rose-pink flowers, dwarf broadly spreading form. | 8-10                          |
| <p><b>Positives:</b> Horizontal orientation of branches is interesting aspect; bronze green foliage; flower and fruit displays are steady annual events but scattered along the branches. <b>Negatives:</b> Slow to establish and grow; flower and fruit displays are acceptable but never dazzling. <b>Diseases:</b> No scab; apple mosaic virus noted.</p>   |  |                               |
| 'Harvest Gold'   | late October to mid-December<br>Yellow fruits, white flowers, upright open form.               | 18-20                         |
| <p><b>Positives:</b> Attractive butter-yellow fruits mature to golden yellow; nice contrast of red pedicels against fruit clusters. <b>Negatives:</b> Long period of bland green fruit well into mid-fall; leaves hang on for a long time, hiding the fruit; awkward, gangly form; extensive fruit scab. <b>Diseases:</b> Major leaf and fruit scab; very susceptible to fireblight.</p>                       |  |                               |
| 'Henning/Henningii'  | late July to late September<br>Orange-red fruits, white flowers, upright open form.            | 22-25                         |
| <p><b>Positives:</b> Profuse annual flower show; attractive fruit display for brief period. <b>Negatives:</b> Awkward, upright gangly form; extensive scab. <b>Diseases:</b> Major leaf and fruit scab.</p>  |  |                               |
| 'Holiday Gold'   | late September to late March<br>Golden-yellow fruits, white flowers, open spreading form.      | 15-18                         |
| <p><b>Positives:</b> One of the best new, yellow-fruited crabapples in the plot; annual flower show and fruit display is excellent; attractive cream-yellow fruits mellow to golden yellow; rose blush accents nicely yellow fruits; fruits hang in distinct clusters along branches. <b>Negatives:</b> Tree form may become awkward due to fruit load. <b>Diseases:</b> No scab; trace of fireblight.</p>     |  |                               |
| 'Hopa'   | fruits ineffective<br>Red fruits, rose-red flowers, upright spreading form.                    | 22-25 ???                     |
| <p><b>Positives:</b> Consistent annual, large blooms. <b>Negatives:</b> Scabby fruit never develops color; very early defoliation due to extreme susceptibility to scab; gangly, awkward tree form. <b>Diseases:</b> Major leaf and fruit scab.</p>  |  |                               |
| 'Indian Magic'   | mid-July to early February<br>Orange-red fruits, rose-pink flowers, mounded spreading form.    | 12-15                         |
| <p><b>Positives:</b> Outstanding fruit display; outstanding autumnal orange-red fruits with golden yellow underside; emerging foliage a pleasing burgundy; fall foliage an apricot-orange color; unfailing pink floral show. <b>Negatives:</b> Tenacious fruit mummies; defoliation in mid- to late summer from scab, although fruit scab is minimal. <b>Diseases:</b> Major leaf and trace of fruit scab.</p> |  |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| Crabapple   | Time of Effective Fruit Display <sup>1</sup>   | Mature Tree Size <sup>2</sup> |
|---|--|-------------------------------|
| 'Indian Summer'   | <p><b>early June to mid-February</b><br/>Red fruits, rose-red flowers, broadly rounded form.</p>               | <b>15-18</b>                  |
| <p><b>Positives:</b> Consistent annual, large blooms; prolific mid-summer to fall display of large red fruits; contrasting fruits complement yellow-orange fall foliage. <b>Negatives:</b> Persistent fruit mummies; early defoliation from scab. <b>Diseases:</b> Major scab.</p>  |  |                               |
| 'Jewelberry'  | <p><b>early June to mid-February</b><br/>Red-orange fruits, white flowers, dwarf broadly rounded form.</p>     | <b>6-8</b>                    |
| <p><b>Positives:</b> Open, airy, diminutive tree form is its best feature; tiny fruit size complements tree form in years with heavy fruit set. <b>Negatives:</b> Alternates yearly from heavy to light flower and fruit display; persistent fruit mummies; early defoliation from scab; some winter injury/dieback observed. <b>Diseases:</b> Major leaf and trace of fruit scab.</p>  |  |                               |
| 'King Arthur'   | <p><b>mid-September to mid-January</b><br/>Red-orange fruits, white flowers, dwarf mounded spreading form.</p> | <b>10-12</b>                  |
| <p><b>Positives:</b> Fruits artfully scattered along branches; craggy branches and open tree form enhances appearance after leaves drop. <b>Negatives:</b> Slow to establish and grow; some tendencies to alternate yearly from heavy to light flower and fruit display. <b>Diseases:</b> No scab; apple mosaic virus noted.</p>  |  |                               |
| 'Lancelot'  | <p><b>early October to early December</b><br/>Yellow fruits, white flowers, dwarf upright spreading form.</p>  | <b>8-10</b>                   |
| <p><b>Positives:</b> Diminutive size is great for space-limited areas; consistent tree form; fruit is a pleasing mix of cider and yellow. <b>Negatives:</b> Extremely tight, dense tree form; fruit/flower mostly hidden on the interior of the tree. <b>Diseases:</b> Trace of scab; apple mosaic virus noted.</p>   |  |                               |
| 'Lollipop'  | <p><b>mid-September to mid-December</b><br/>Red-orange fruits, white flowers, dwarf rounded form.</p>          | <b>6-8</b>                    |
| <p><b>Positives:</b> Consistent tree form is achieved by top grafting (high graft) and is perfect for restricted spaces; very tiny fruit matures to red; nice flower display. <b>Negatives:</b> Slow to establish and grow; flower and fruit displays are scattered and steady but never dazzling. <b>Diseases:</b> No scab.</p>  |  |                               |
| 'Liset'   | <p><b>early July to mid-December</b><br/>Maroon-red fruits, rose-red flowers, open rounded form.</p>           | <b>12-15</b>                  |
| <p><b>Positives:</b> Consistent flower display; nice fall contrast of fruits with peach colored foliage; new foliage is deep burgundy and matures to a bronze green. <b>Negatives:</b> Awkward splayed growth habit; minimal fruit-foliage contrast; fruit mummies hang on until late fall. <b>Diseases:</b> Trace of scab. Note: Unusual, but apparently normal, splitting of bark along branches and trunk is characteristic.</p> |  |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| Crabapple  | Time of Effective Fruit Display <sup>1</sup>   | Mature Tree Size <sup>2</sup> |
|--|--|-------------------------------|
| 'Louisa'   | late July to mid-November<br>Lemon-gold fruits, pink flowers, true weeper form.              | 12-15                         |
| <p><b>Positives:</b> Reliable annual bloom is a true pink; flower display is extraordinary, like pink clouds; arching, graceful branches are upswept at ends; tree form is greatest asset; fruit mellows to a gold-orange with a rose blush accent. <b>Negatives:</b> Fruit set is consistently light and scattered, never dazzling. <b>Diseases:</b> No scab.</p>   |  |                               |
| 'Madonna'  | fruits ineffective<br>Brown-red fruits, double white flowers, upright spreading form.        | 18-20                         |
| <p><b>Positives:</b> Double blooms are sparkling white and fragrant; consistent annual flower display. <b>Negatives:</b> Scabby fruit never develops color; very early defoliation due to extreme susceptibility to scab and frogeye leaf spot; tree form can be awkward. <b>Diseases:</b> Major leaf and fruit scab; frogeye leaf spot; very susceptible to fireblight.</p>                               |  |                               |
| 'Manbeck's Weeper'   | mid-September to mid-January<br>Cherry-red fruits, white flowers, spreading-weeping form.    | 6-8                           |
| <p><b>Positives:</b> Exquisite mix of pink buds opening to white blossoms; reliable annual fruit and flower displays; shiny red fruit accents the elegant spreading weeping growth habit; new twig growth is an attractive red color. <b>Negatives:</b> Pruning necessary to keep center from becoming too cluttered. <b>Diseases:</b> Trace of scab.</p>  |  |                               |
| 'Mary Potter'  | mid-Aug to mid-November<br>Red fruits, white flowers, spreading-weeping form.                | 8-10                          |
| <p><b>Positives:</b> Abundant masses of reddish fruit; profuse pink buds open to an blossom display; elegant spreading growth habit; salmon-colored underbark revealed as older bark peels away. <b>Negatives:</b> Fruit mummies a distraction during winter months. <b>Diseases:</b> Trace of scab.</p>   |  |                               |
| 'Molten Lava'  | early September to mid-December<br>Red-orange fruits, white flowers, spreading-weeping form. | 12-15                         |
| <p><b>Positives:</b> Consistent, profuse flower/fruit shows; fiery red fruits and yellowing fall foliage on cascading branch structure create a "molten lava" effect; excellent winter ratings due to layered horizontal branching; feathery effect created by red pedicels after fruit drops. <b>Negatives:</b> Somewhat cluttered as tree matures; lacks summer appeal. <b>Diseases:</b> Minor scab.</p> |  |                               |
| 'Narrangansett'  | early September to mid-December<br>Cherry-red fruits, white flowers, upright spreading form. | 10-12                         |
| <p><b>Positives:</b> Nice flower display; abundant, firm fruit. <b>Negatives:</b> Cluttered, dense branching structure; tendency toward alternating sparse and abundant yearly flower displays; awkward tree form. <b>Diseases:</b> Major leaf and minor fruit scab.</p>   |  |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| Crabapple   | Time of Effective Fruit Display <sup>1</sup>  | Mature Tree Size <sup>2</sup> |
|---|---|-------------------------------|
| 'Ormiston Roy'  | <p style="text-align: center;"><b>late August to late March</b><br/>Orange-yellow fruits, white flowers, broadly rounded form.</p>    | <b>18-20</b>                  |
| <p><b>Positives:</b> Very attractive glossy orange-yellow fruits with cream underside and red blush; orangish deep-furrowed bark colors as temperatures drop; consistent annual floral and fruit show. <b>Negatives:</b> Tenacious mummified fruit may remain up to one year. <b>Diseases:</b> Trace of scab.</p>   |   |                               |
| <i>M. halliana</i> 'Parkmanii'  | <p style="text-align: center;"><b>mid-October to early November</b><br/>Yellow fruit, white double flowers, broadly rounded form.</p> | <b>12-15</b>                  |
| <p><b>Positives:</b> Airy floral display of pink-red buds opening to white flowers; great mix of yellow and cider-brown fruit colors for autumnal effect; fruit may develop a red blush; feathery effect of pedicels in winter. <b>Negatives:</b> Very short time of fruit impact; relatively ordinary appearance for much of the year. <b>Diseases:</b> Minor scab.</p>          |   |                               |
| 'Pink Princess'   | <p style="text-align: center;"><b>early June to mid- October</b><br/>Maroon-red fruits, rose-pink flowers, low spreading form.</p>    | <b>6-8</b>                    |
| <p><b>Positives:</b> Unique downswept tree form; very pleasing pink bloom complements tree shape; tiny fruits and small leaves; tree form is its greatest strength. <b>Negatives:</b> Burgundy-tinted green leaves turn dull bronze in summer; fruits lost against foliage. <b>Diseases:</b> Trace of scab.</p>   |   |                               |
| 'Pink Satin'  | <p style="text-align: center;"><b>mid-August to mid-October</b><br/>Cherry-red fruits, pink flowers, upright spreading form.</p>      | <b>10-12</b>                  |
| <p><b>Positives:</b> Very nice, true pink bloom; fruit a pleasing red with yellow underside. <b>Negatives:</b> Persistent blackened mummies can be overwhelming; scab can eliminate most fruit color; pruning necessary to reduce cluttered branch structure. <b>Diseases:</b> Major leaf and fruit scab.</p>   |   |                               |
| 'Prairie Maid'  | <p style="text-align: center;"><b>early July to mid-November</b><br/>Rosy-red fruits, deep pink flowers, broadly spreading form.</p>  | <b>8-10</b>                   |
| <p><b>Positives:</b> Reliable, wonderful flower display; abundant clusters of small fruit; emerging foliage is burgundy red; great autumnal yellow leaf color. <b>Negatives:</b> Lacking in winter appeal; waxy coating dulls fruit finish until coating weathers off. <b>Diseases:</b> No scab.</p>  |   |                               |
| 'Prairifire'  | <p style="text-align: center;"><b>late June to early December</b><br/>Red-purple fruits, coral-red flowers, open rounded form.</p>    | <b>15-18</b>                  |
| <p><b>Positives:</b> Yearly spectacular bloom and fruit displays; blooms contrast newly emerged red-tinted green foliage; firm purplish fruits slowly age to cherry red; fabulous fall colors range the spectrum from red to orange to apricot; unique lenticel-speckled bark. <b>Negatives:</b> Mediocre winter and early summer appearance. <b>Diseases:</b> Trace of scab.</p> |   |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>  | <b>Time of Effective Fruit Display<sup>1</sup></b>  | <b>Mature Tree Size<sup>2</sup></b> |
|---|---|-------------------------------------|
| <b>'Professor Sprenger'</b>   | <b>late September to mid-December</b><br>Orange-red fruits, white flowers, open spreading form. | <b>18-20</b>                        |
| <p><b>Positives:</b> Dependable, large, attractive white flowers; large orange-red fruits; young tree form with fruit is stunning. <b>Negatives:</b> Mud brown mummies persist until late winter; awkward growth habit and tree form with maturity; dull appearance of large yellow-green fruit during the summer. <b>Diseases:</b> Minor scab; defoliation from frog-eye leaf spot.</p>                        |   |                                     |
| <b>'Profusion'</b>  | <b>mid-July to mid-October</b><br>Cherry-red fruits, rose-pink flowers, upright spreading form. | <b>20-22</b>                        |
| <p><b>Positives:</b> Dependable, very attractive floral display; abundant fruit. <b>Negatives:</b> Lack of contrast between purple-bronze colored foliage and fruits and flowers; mediocre winter appeal; rotted fruit and mummies persist until late winter; extensive defoliation from apple scab. <b>Diseases:</b> Major scab.</p>   |   |                                     |
| <b>'Purple Prince'</b>  | <b>late July to mid-November</b><br>Blue-purple fruits, rose-red flowers, broadly rounded form. | <b>12-15</b>                        |
| <p><b>Positives:</b> Large, dark unusual colored fruit; very nice yearly fruit/flower display; fast-growing tree; leaves deep green with a burgundy tint. <b>Negatives:</b> Lacking fruit/foliage contrast; mediocre winter appearance. <b>Diseases:</b> Trace of scab.</p>   |   |                                     |
| <b>'Radiant'</b>  | <b>fruits ineffective</b><br>Cherry-red fruits, red-pink flowers, broadly rounded form.         | <b>22-25</b>                        |
| <p><b>Positives:</b> Beautiful red-pink blossoms; leaves emerge red-purple and fade to bronze; almost neon-red fruit may be evident in late summer. <b>Negatives:</b> Total lack of contrast between foliage and fruit and flowers; consistently defoliated from scab; scab causes fruit to be unsightly and unnoticed; mummified fruit can persist for months. <b>Diseases:</b> Major leaf and fruit scab.</p> |   |                                     |
| <b>'Ralph Shay'</b>   | <b>early September to mid-October</b><br>Red fruits, white flowers, broadly spreading form.     | <b>8-10</b>                         |
| <p><b>Positives:</b> Fruit is edible and tasty; uniform tree shape; red buds open to white flowers. <b>Negatives:</b> Large fruit creates an unsightly rot and mess; codling moth fruit damage deforms fruit and causes early fruit drop; scab on fruit can dull appearance. <b>Diseases:</b> Major leaf and fruit scab.</p>  |   |                                     |
| <b>'Rawhide'</b>  | <b>mid-September to late October</b><br>Red fruits, white flowers, narrow upright form.         | <b>15-18</b>                        |
| <p><b>Positives:</b> Unique upright elliptical form; large white flowers emerging from red-pink buds; large shiny green leaves; fast-growing tree. <b>Negatives:</b> Very large fruit; fruit only provides a short time of impact. <b>Diseases:</b> No scab.</p>  |   |                                     |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>   | <b>Time of Effective Fruit Display<sup>1</sup></b>   | <b>Mature Tree Size<sup>2</sup></b> |
|--|--|-------------------------------------|
| <b>'Red Barron'</b>  | <b>mid-July to late October</b><br>Deep red fruits, red-pink flowers, upright spreading form.        | <b>15-18</b>                        |
| <b>Positives:</b> Interesting pumpkin-shaped fruits; exfoliating bark on mature tree trunk. <b>Negatives:</b> Tree defoliation due to scab susceptibility; unsightly fruit mummies can persist for two years; gangly, splayed tree form; scab on fruit blackens appearance. <b>Diseases:</b> Major leaf and fruit scab.  |  |                                     |
| <b>'Red Jade'</b>  | <b>late August to mid-November</b><br>Red fruits, white flowers, spreading weeper form.              | <b>10-12</b>                        |
| <b>Positives:</b> Graceful spreading growth habit adds winter interest; attractive oblong fruits; yearly prolific red flower buds open to large white blossoms. <b>Negatives:</b> Persistent fruit may create an unsightly rotten blob effect until dropping; scab on fruit can dull appearance. <b>Diseases:</b> Minor leaf and fruit scab.                                     |  |                                     |
| <b>'Red Jewel'</b>   | <b>early September to mid-April</b><br>Cherry-red fruits, white flowers, upright open form.          | <b>12-15</b>                        |
| <b>Positives:</b> Phenomenal firm fruits are outstanding and appealing well into spring; very attractive snow white blooms arise from red-pink buds; enticing green glossy leaves. <b>Negatives:</b> Mediocre late winter to early spring appearance; very slow-growing tree; tenacious mummies; tree form a bit awkward. <b>Diseases:</b> Trace of scab; occasional fireblight. |  |                                     |
| <b>'Red Splendor'</b>  | <b>late May to early November</b><br>Red fruits, rose-pink flowers, upright spreading form.          | <b>18-20</b>                        |
| <b>Positives:</b> Exceptional profuse, red fruits age to orange-salmon color by mid-fall; red-tinged new, emerging foliage; reliable fruit display and lovely pink flowers. <b>Negatives:</b> Severe Japanese beetle feeding; early defoliation due to scab; poor winter ratings due to rotted, half-eaten mummies. <b>Diseases:</b> Major leaf and fruit scab.                  |  |                                     |
| <b>'Red Swan'</b>  | <b>mid-September to mid-December</b><br>Red fruits, white-pink flowers, true weeper form.            | <b>8-10</b>                         |
| <b>Positives:</b> Tiny red fruits age to orange-red by mid-fall; great contrast of fruits and brilliant yellow fall foliage; fine texture to twigs and leaves; excellent weeping form with upswept branch ends. <b>Negatives:</b> Slow to establish. <b>Diseases:</b> Trace of scab.   |  |                                     |
| <b>'Robinson'</b>  | <b>mid-July to late-September</b><br>Maroon-red fruits, rose-purple flowers, mounded spreading form. | <b>22-25</b>                        |
| <b>Positives:</b> Excellent peach to burnt orange fall foliage colors; red-tinged new, emerging foliage maturing to bronze green; reliable lovely flower and fruit displays. <b>Negatives:</b> Poor winter ratings due to retention of rotted fruits; tree form is coarse; extensive yearly defoliation from scab. <b>Diseases:</b> Major leaf and fruit scab.                   |  |                                     |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>  | <b>Time of Effective Fruit Display<sup>1</sup></b>  | <b>Mature Tree Size<sup>2</sup></b> |
|---|---|-------------------------------------|
| <b>'Royal Fountain'</b>   | <b>late July to mid-September</b><br>Maroon-red fruits, rose-pink flowers, true weeper form.                | <b>8-10</b>                         |
| <b>Positives:</b> Exceptional long fine weeping branches; petite maroon-red fruits artfully scattered along branches; tree form is greatest asset; fine foliage a bronze-green with burgundy overtones. <b>Negatives:</b> Unreliable fruit/flower displays; some defoliation due to scab. <b>Diseases:</b> Minor scab.  |   |                                     |
| <b>'Royal Scepter'</b>  | <b>early August to late October</b><br>Cherry-red fruits, rose-pink double flowers, upright spreading form. | <b>15-18</b>                        |
| <b>Positives:</b> Red fruits age to red-orange; leaves a bronze green with burgundy overtones. <b>Negatives:</b> fruits blacken with scab and also as they become overripe; early defoliation due to scab; poor winter ratings due to charcoal-like mummies. <b>Diseases:</b> Major leaf and fruit scab.  |   |                                     |
| <b>'Royalty'</b>  | <b>fruits ineffective</b><br>Dark red fruits, red-purple flowers, mounded spreading form.                   | <b>12-15</b>                        |
| <b>Positives:</b> Unique red-purple foliage. <b>Negatives:</b> Extensive yearly defoliation due to scab; poor winter ratings due to horrific, blackened persistent mummies. <b>Diseases:</b> Major leaf and fruit scab.   |   |                                     |
| <b>'Ruby Luster'</b>  | <b>mid-August to mid- October</b><br>Rose-red fruits, rose-pink flowers, broadly rounded form.              | <b>25-28</b>                        |
| <b>Positives:</b> Silvery bark color; unique bronze red-purple foliage. <b>Negatives:</b> Extensive yearly defoliation due to scab; very large fruit has russetted, coarse, dull finish and color; large, fast-growing tree. <b>Diseases:</b> Major leaf and fruit scab.  |   |                                     |
| <i>M. sargentii</i>   | <b>mid-August to late October</b><br>Dark red fruits, white flowers, low spreading form.                    | <b>6-8</b>                          |
| <b>Positives:</b> Greatest asset is attractive low-spreading growth habit; petite snowy white blossoms; effective firm fruits in late summer to early fall. <b>Negatives:</b> Fruits deteriorate rapidly; shriveled raisin mummies persist into winter; some winter damage noted. <b>Diseases:</b> No scab.   |   |                                     |
| <b>'Selkirk'</b>  | <b>late July to mid-September</b><br>Cherry-red fruits, rose-red flowers, broadly rounded form.             | <b>18-20</b>                        |
| <b>Positives:</b> Excellent floral show as rosy buds open to large rose-red flowers; glossy red fruits; unique red-tinged emerging foliage contrasts nicely with the flowers; foliage changes from burgundy green maturing to a green-bronze; striking profuse red fruits in mid-summer. <b>Negatives:</b> Extensive early defoliation due to scab; codling moth damage deforms the large fruit; large fruit creates rotten mess when dropping. <b>Diseases:</b> Major leaf and fruit scab. |   |                                     |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.**

| <b>Crabapple</b>  | <b>Time of Effective Fruit Display<sup>1</sup></b>  | <b>Mature Tree Size<sup>2</sup></b> |
|---|---|-------------------------------------|
| <b>'Sentinel'</b>   | <b>early September to early February</b><br>Red fruits, white flowers, upright spreading form.      | <b>15-18</b>                        |
| <p><b>Positives:</b> Vase-shaped growth habit; sensational floral display of profuse rose-colored buds open to pink-tinged white flowers; pleasing yellow fall foliage contrasts fruits; attractive firm fruits persist into early spring. <b>Negatives:</b> Tenacious fruit mummies may hang into summer; mediocre overall summer appearance. <b>Diseases:</b> Minor leaf and fruit scab.</p>                      |   |                                     |
| <b>'Silver Drift'</b>   | <b>mid-September to early April</b><br>Cherry-red fruits, white flowers, broadly rounded form.      | <b>18-20</b>                        |
| <p><b>Positives:</b> Outstanding, persistent, showy glossy red fruit; yearly performance of red buds opening to white flowers is wonderful; interesting contrast of last year's fruit with emergence of new leaves in spring; fast-growing tree; unvarying tree form; retains leaves even though affected by scab. <b>Negatives:</b> Tenacious mummies; fruit obscured by foliage. <b>Diseases:</b> Minor scab.</p> |   |                                     |
| <b>'Silver Moon'</b>  | <b>early September to mid-December</b><br>Red-purple fruits, white flowers, mounded spreading form. | <b>18-20</b>                        |
| <p><b>Positives:</b> Glossy unique colored fruits; peculiar dense upright candelabra growth habit; good late, snowy white floral show from light pink buds; intense reds and peach fall leaf colors. <b>Negatives:</b> Yearly bloom alternates from profuse to sparse; poor winter ratings due to somewhat cluttered growth. <b>Diseases:</b> No scab; fireblight can be severe.</p>                                |   |                                     |
| <b>'Sinai Fire'</b>   | <b>mid-September to late November</b><br>Red-orange fruits, white flowers, open spreading form.     | <b>12-15</b>                        |
| <p><b>Positives:</b> Uncommon open growth habit with horizontal branches; good specimen plant; yearly floral show with large blooms. <b>Negatives:</b> Fruit scattered and sparse; slow growing; unique form is not for every landscape. <b>Diseases:</b> No scab; fireblight can be a problem.</p>   |   |                                     |
| <b>'Snowdrift'</b>  | <b>mid-August to late November</b><br>Salmon-red fruits, white flowers, broadly rounded form.       | <b>18-20</b>                        |
| <p><b>Positives:</b> Reliable, excellent yearly flower show; distinctly colored attractive fruits; feathery and colorful effect of pedicels in winter. <b>Negatives:</b> Fruits shrivel by late fall; chlorotic summer foliage. <b>Diseases:</b> Major scab.</p>  |   |                                     |
| <b>'Spring Snow'</b>  | <b>fruits not produced</b><br>No fruit produced, white flowers, broadly rounded form.               | <b>22-25</b>                        |
| <p><b>Positives:</b> Red-pink buds open to large white flowers; fast-growing tree. <b>Negatives:</b> Sterile flowers do not produce fruit; extensive early defoliation due to scab; very large tree. <b>Diseases:</b> Major scab.</p>   |   |                                     |

Table 2 (continued). Aesthetic Profiles of Crabapples in Secret Arboretum.

| Crabapple   | Time of Effective Fruit Display <sup>1</sup>   | Mature Tree Size <sup>2</sup> |
|---|--|-------------------------------|
| 'Strawberry Parfait'  | mid-August to mid-April<br>Red-cream fruits, pink flowers, open spreading form.            | 15-18                         |
| <p><b>Positives:</b> Fruits age to deep red; yearly pink flowers borne on spur-lined branches; newly emerged foliage is a burgundy color; leaves mature to green with burgundy tint; unusual, somewhat erratic, upright-spreading growth habit; good fall color; fruits remain firm through late winter. <b>Negatives:</b> Tenacious fruit mummies; unusual shape is not for every landscape. <b>Diseases:</b> Trace of scab.</p> |  |                               |
| 'Sugar Tyme'  | late September to early April<br>Cherry-red fruits, white flowers, mounded spreading form. | 15-18                         |
| <p><b>Positives:</b> Stunning sugar-white floral display from pale pink buds; showy, persistent firm fruits through late winter; good overall form; dense foliage. <b>Negatives:</b> Mediocre appearance during summer before fruit colors; foliage appears off-color or chlorotic during mid to late summer; fruit drops all at once before bloom. <b>Diseases:</b> Trace of scab.</p>   |  |                               |
| 'Thunderchild'  | fruits ineffective<br>Blue-purple fruits, rose-red flowers, oval upright form.             | 12-15                         |
| <p><b>Positives:</b> Leaves and new twig growth an intriguing dark purple-red. <b>Negatives:</b> Awkward growth; fruiting spur pronounced, long and pointed; extreme lack of flower/fruit/foliage contrasts; extensive early defoliation due to scab. <b>Diseases:</b> Major leaf and fruit scab.</p>   |  |                               |
| <i>M. sargentii</i> 'Tina'  | early August to late November<br>Red-purple fruits, white flowers, low spreading form.     | 4-5                           |
| <p><b>Positives:</b> Petite, densely packed, creamy white flowers arise from diminutive red buds; neat miniature tree or bonsai-like appearance; very dainty aspect to twigs and foliage. <b>Negatives:</b> Very slow grower; annual pruning is critical aspect of maintenance. <b>Diseases:</b> No scab.</p>   |  |                               |
| <i>M. tschanoskii</i>   | fruits ineffective<br>Yellow-green fruits, white flowers, pyramidal form.                  | 30-35                         |
| <p><b>Positives:</b> Large silver-gray leaves; incredible fall foliage colors of purple, orange-scarlet, yellow, and crimson; unique, rare tree form. <b>Negatives:</b> Ugly fruit rarely seen or noticed; flowers scattered and sparse; extremely sensitive and susceptible to fireblight. <b>Diseases:</b> No scab; extreme fireblight problems.</p>  |  |                               |
| 'Velvet Pillar'   | late October to mid-November<br>Maroon-red fruits, pink flowers, upright spreading form.   | 18-20                         |
| <p><b>Positives:</b> Interesting bronze-purple foliage; fruits effective only when the foliage falls off. <b>Negatives:</b> Dingy overall appearance to foliage; extensive early defoliation due to scab; scattered and sparse fruit/flower displays; persistent fruit mummies. <b>Diseases:</b> Major scab.</p>  |  |                               |

**Table 2 (continued). Aesthetic Profiles of Crabapples in Secrest Arboretum.**

| Crabapple   | Time of Effective Fruit Display <sup>1</sup> | Mature Tree Size <sup>2</sup> |
|---|--|-------------------------------|
| <p><b>'Weeping Candied Apple'</b><br/>Candied-apple red fruits, rose-pink flowers, open spreading form.</p> <p><b>Positives:</b> Reliable, attractive flowers; interesting horizontal to pendulous branch habit. <b>Negatives:</b> Irregular form not for all landscapes; fruit display devastated by scab; extensive early defoliation due to scab; tree form can become awkward. <b>Diseases:</b> Major leaf and fruit scab.</p>  | <p><b>fruits ineffective (scab)</b></p>      | <p><b>12-15</b></p>           |
| <p><b>'White Angel'</b><br/>Red fruits, white flowers, broadly rounded form.</p> <p><b>Positives:</b> Reliable, attractive flowers; showy medium-sized abundant fruits; red coloration of most recent twig growth; one of the nicer crabapples as a mature tree. <b>Negatives:</b> Awkward splayed shape when young until limbs can withstand fruit load; tenacious mummies distract during mid- to early spring. <b>Diseases:</b> No scab.</p>   | <p><b>mid-October to early February</b></p>  | <p><b>18-20</b></p>           |
| <p><b>'White Cascade'</b><br/>Yellow-green fruits, white flowers, true weeper form.</p> <p><b>Positives:</b> Exquisite flower display of cascading flower-covered branches; appealing overall tree form. <b>Negatives:</b> Perpetually dingy foliage throughout summer from scab; fruit scab completely destroys any potential fruit effect; early and extreme defoliation. <b>Diseases:</b> Major scab on leaves and fruit.</p>  | <p><b>mid-September to mid-November</b></p>  | <p><b>12-15</b></p>           |
| <p><b>'Winter Gold'</b><br/>Lemon-gold fruits, white flowers, upright open form.</p> <p><b>Positives:</b> Lemon-green fruits mature to an impressive lemon-gold; nice contrast of bright red pedicels against fruit clusters. <b>Negatives:</b> Leaves hang on for a long time, hiding the fruit; long period of bland green fruit well into mid-fall; tree form can be awkward, gangly; extensive fruit scab can diminish impact. <b>Diseases:</b> Major leaf and fruit scab; susceptible to fireblight.</p> | <p><b>early November to mid-January</b></p>  | <p><b>22-25</b></p>           |

<sup>1</sup> Time of Effective Fruit Display derived from observations conducted monthly throughout the year. Effective fruit impact is defined as the period from when the tree's fruit first contributes to tree aesthetics until the fruit is no longer ornamental.

<sup>2</sup> Tree height is expressed in feet (12 inches = 1 foot).

## Selected References

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