

Harvest Report 2005 – Tree Fruit

Note on Plot Consolidations

In 2005 we consolidated several blocks and removed others to make spraying, pruning and other maintenance more efficient. In some cases trees were transplanted to other blocks. Recommended varieties that have proven their quality were moved to the WWFRF Demonstration Fruit Garden to become part of the permanent inventory. In future years we will continue to bring in new fruit varieties to the research trial plots for evaluation and sampling. Those that perform well over time will be made available to transfer into the Demo Garden as needed.

Cherry

Due to warm early spring weather in 2005, the cherries ripened about 10-14 days earlier than average. Fruit set was good in most varieties, but rainy weather occurred in early and mid June just as the crop was ripening. Because fruit is more susceptible to brown rot as it approaches ripeness, a special early harvest for WWFRF members was held on July 7. Waiting until the scheduled date on the following weekend would have lost most of the crop.

Lapins is still the most reliable self fruitful sweet cherry but the recent introductions **Tehranivee** and **Vandalay** look good also, particularly for their high productivity. **Surefire** still stands out as a top rated productive pie cherry, well suited to home gardens for its compact growth habit.

New: Several new selections from Geneva look promising and we hope to have samples from them in 2006: **NY 205**, **NY 242**, **NY 5288** and **NY 7855**.

Apricot

The 2005 season was another good apricot year similar to 2004. Trees of **Puget Gold** produced a good crop, **Patterson** was moderately productive and **Westley** looked particularly good. The trees are healthy, it is productive and also ripens about 10 days to 2 weeks after **Puget Gold**. Several new varieties and selections from both Geneva and Rutgers breeding programs are on trial: **Jersecot**, **NJA 43**, **NJA 97**, **NJA 105**, **NY 525**, **NY 592**, **NY 605** and **NY 609**. A few of these produced sample fruit in 2005 but yields on most were poor. They will receive final evaluation in 2006. No apricot variety we have tested has shown any commercial potential because of inconsistent productivity. We continue to look for new apricot varieties that might have better potential.

New: **Hunza**, **Chinese Montgamet** (sweet pit variety)

Peach

It would be hard to match the record peach crop of 2004. The 2005 season was not as productive overall and a few varieties did not fruit, but on most varieties the fruit set was still very good and we had a chance to see which of the ones that did so well in the ideal conditions of 2004 were consistently good again this year.

Our special harvest volunteers again were significant in helping us to collect data on all of the varieties that produced fruit.

Classic varieties like **Redhaven** and **Harken** did well again in 2005. Some of the newer standout varieties definitely should be considered among the best ones to try, such as **Starfire**, **Juneprince**, **Risingstar** and **Blazingstar**, and **Early Loring**, an older variety not previously tested here. **HW 272**, a high quality peach selection from Harrow, Ontario is consistently productive in our climate; and local nurseries are seeking permission to produce and sell trees. Also promising is **Township**, a new leaf curl resistant seedling of local origin. We look forward to seeing how it does in 2006.

Positive characteristics that rate high are consistent productivity, high quality and low rate of split pits.

Established varieties (several years on trial)

CULTIVAR	HARVEST	% SPLITS	COMMENTS
Harrow Diamond	July 11	--	Yellow, semi cling, v. large pit, astringent skin
Saturn	July 14	--	White, peentao type, sweet, not highly productive, discard
Early Redhaven	July 16	12	Yellow, semi cling, good flavor, attractive, size med to large
Harbelle	July 20	5	Yellow, free stone, standard reliable producer
Harken	July 29	0	Yellow, free, good flavor, attractive, uniform, small pit
Redhaven	July 29	1	Yellow, semi free, standard commercial, good flavor hard to beat
HW 272	July 29	4	Yellow, free stone, productive, excellent flavor, worth naming
Redstar	July 29	12	Yellow, semi free, good flavor color, sweet, somewhat bland
Flamin Fury PF 12B	August 4	--	Yellow, cling, unproductive, discard
Harrow Beauty	August 4	0	Yellow, semi free, good flavor, fair color, unproductive, discard
Starfire	August 12	1	Yellow, free, reliable, productive, good flavor, attractive, uniform

Promising Varieties & Selections (new high rated introductions selections)

Did not fruit CULTIVAR	HARVEST	% SPLITS	COMMENTS
Scarlet Pearl	July 11	--	White, semi cling, very sweet, juicy, variable productivity
Springprince	July 11	--	Yellow, semi free, moderate set, check in 2006
Sunbright (B)	July 11	--	Yellow, semi cling, mediocre flavor, discard
Summer Prince	July 14	6	Yellow, free stone, melting flesh, excellent color
Juneprince	July 14	1	Yellow, free stone, good flavor, very attractive, productive
D 88-147	July 20	0	White, semi cling, aromatic, attractive color, crunchy sweet
Junegold	July 20	16	Yellow, semi free, very good flavor, moderately productive
Risingstar	July 20	9	Yellow, semi cling, very good flavor, highly rated, productive
GaLa (S)	July 22	1	Yellow, free, good flavor, nice texture, moderately productive
Early Loring	July 29	5	Yellow, free, ex color, flavor fair to good, very productive
D 91-184	July 29	18	Yellow, semi free, very productive, flavor good
Township	August 1	1	Yellow, free, ex leaf curl resistance, young trees, promising
Blazingstar	August 4	1	Yellow, semi free, very good flavor, highly rated, productive
Vivid	August 4	3	Yellow, free, ex. bright color, large, good flavor, some end cracks
J 19-28	August 12	0	White, free, flesh tinged red, crunchy firm, very sweet
L 7-176	August 12	1	White, free, crunchy firm, crisp, nice color, mild, sweet
Ernie's Choice	August 12	--	Yellow, free, firm, good flavor, attractive, few fruit
Contender	August 12	0	Yellow, free, good flavor, less productive than in 2004
Allstar	August 12	0	Yellow, free, attractive, good flavor, productive, check in 2006
Coralstar	August 12	0	Yellow, semi free, v attractive, good size flavor, productive
FA 100	August 12	1	Yellow, free stone, red pit, v good flavor, attractive, check in 2006
NJ 318	August 12	--	White, semi cling, large, very sweet, attractive pink blush
HW 273	August 16	4	Yellow, semi free, pale color, flavor fair to good, productive
H 4-44			Did not fruit
K 22-42			Did not fruit
H 11-73			Did not fruit
H 14-126			Did not fruit
D 101-162			Did not fruit
Black Alexander			Did not fruit

Nectarine

Bloom conditions for the nectarines were the same as for the peaches, and most varieties also had a fairly productive year. **Hardired**, a yellow fleshed nectarine ripe about 10 days after **Redhaven**, is still the most reliable producer we have tested..

Promising Varieties & Selections

CULTIVAR	HARVEST	% SPLITS	COMMENTS
HW 108	July 28	0	Yellow, semi free, ex flavor, productive, worth naming
K 56-4	July 29	37	White, semi cling, attractive, good quality, sweet floral taste
HW 110	July 29	0	Yellow, semi cling, ex color, flavor fair, non acidic, rather bland
Roseprincess	August 4	2	White, semi free, attractive color, blossom ends crack
Hardired	August 12	0	Yellow, semi free, very productive - still the best
SunGlo	August 12	7	Yellow, free stone, ex flavor, low acid, not highly productive
HW 111	August 12	2	Yellow, free stone, good flavor, ex color, productive
HW 112	August 17	1	Yellow, semi free, bicolor, rather tart flavor, astringent
K 54-25			Did not fruit

Plum

Plum production was good in 2005, most varieties yielded a full crop and the quality was excellent. **Obilnaja**, from eastern Europe, produced a good yield of flavorful fruit, small to medium in size. Also in the early-mid season, **Shiro** had a large crop of fruit, yellow and very juicy. This is one of the most reliable Japanese type plums in our area.

Several very good European type plums have also been introduced recently. **Vision** is a late Italian prune type from the Vineland, Ontario breeding program, with attractive dark purple-blue fruit and dense sweet flesh. Ripe in late September, it is a very good choice to extend the fresh plum season. The longtime favorite **Mirabelle 858** is now called **Geneva Mirabelle** –many have sampled this small, sweet yellow plum, well suited to home gardens, excellent for fresh eating and for culinary use. **Blues Jam**, tested as NY 58.904.1, is a late ripening blue plum, small and round like a **Damson** but much sweeter, and very productive. We are continuing to evaluate stone fruit and to acquire a few of the most promising new introductions.

In 2005 the stone fruit plots were consolidated, the two oldest plots were removed, and some of the best performing varieties moved into the Demonstration Fruit Garden.

Pear

In 2005 most pear trees did not produce as well as usual, and yields for most of the varieties were only fair. The most likely reason for this low productivity, which was reported by many area home orchardists, was the very cold weather at bloom time, which limited bee activity and pollination.

One exception was the **Stuttarter Gieshirtle**, an interesting little pear ripening very early (mid August) that produced its usual full crop. Trees begin bearing young and are very productive. The small sweet pears can be eaten ripe right off the tree, making them an excellent choice for home gardens and ornamental-edible landscaping. Another variety that did well in 2005 was **Blake's Pride**, introduced from the USDA breeding program for fire blight resistance. It is a russet pear somewhat similar in appearance to **Taylor's Gold Comice** but ripening slightly earlier. It has a sweet flavor but is not as juicy and melting in texture as **Taylor's Gold**.

Trees of standard **Comice** were not as productive as in 2003, a peak year. Trees of the russet sport **Taylor's Gold Comice** yielded a good crop of very attractive, uniform fruit. In the late season, **Abbe Fetel** and **Packham's Triumph** both had a good set of uniform, well sized fruit.

Asian Pear (Nashi)

Mature trees of most varieties set well in 2005 and some were thinned to improve fruit size. Young trees of **Hamese #1** (yellow skin) ripened earlier than usual in August. **Mishirasu** produced some very large fruit. Although the fruit is heavily russeted and unattractive, the excellent flavor and firm crisp texture make it a good choice for home gardens.

In 1999 a number of volunteer seedlings that had sprouted up in our old Asian Pear block were transplanted into a nursery row to grow out in hopes that some of them would be worth future propagating. Compared to normal grafted fruit trees, it takes much longer for seedling trees to mature and start producing fruit. So it was only in 2005 that we began seeing some fruit to evaluate from these seedling trees. At least one of the Asian pear seedlings produced some very flavorful and attractive fruit and it has been marked for further propagation on a grafted rootstock in 2006. If the grafted trees perform well, this could be a new variety we will be naming and introducing in future.

Unusual Fruit

In 1997 a planting of unusual fruit was established with additions in 2000-02. Among the fruit kinds that have been planted are **figs, kiwi varieties** (both *Actinidia deliciosa* and *A. arguta* clones), **black, red and white currants, persimmons, paw paws**, and **seedless grape** varieties. Some of the uncommon bush fruits include **aronia, mulberry, elderberry, honeyberry, seaberry (sea buckthorn), mountain ash, cornelian cherry** and **sorbus**.

In 2005 there was a good crop on all the kiwis. Hardy kiwis have very good potential for commercial production, including organic culture as they are effectively disease resistant.

Two plants of **aronia (*A. melanocarpa*)** planted in 1998 have produced consistently heavy yields since 2001, sometimes over 25 pounds per bush. Netting is essential to keep birds away, as the berries do not reach full ripeness (20-22 brix) until mid October. Fruit will continue to ripen on the bushes turning to "raisins." Aronia in the home garden is mostly used for juice and jelly.

Trees of quince **Aromataya** (planted 1999) and **Van Deman** (planted 2000) both produced large crops of fruit in 2005. Quinces are primarily used in cooking, as they are very hard and rather inedible direct from the tree. There is a small, specialized commercial market supplying ethnic Mediterranean restaurants with culinary quinces. Varieties of mountain ash **Ivan's Beauty, Ivan's Belle** and **Nevezhinskaya** all produced a crop of fruit in 2005. Here again culinary preparation is needed as the fruits direct from the tree are not appealing in texture (rather mealy) and quite astringent in flavor. The trees are very ornamental with attractive deep green leaves, white clustered flowers, and colorful red or orange fruit.

Varieties of **Cornelian cherry (*Cornus mas*) Red Star, Pioneer** and **Elegant** planted in 1998 produced well in 2005. The fruits are red, about 1" long and narrowly oval in shape with a single large seed. They ripen in mid September and can be eaten off the bush but are somewhat strongly flavored so might more commonly be used in cooking for jelly or jam. The flowers, opening very early in spring (February-March) are a showy bright yellow and cover the bushes before the leaves emerge, making this a spectacular ornamental shrub.

Apple

In 2005 the fruit set was good for most varieties. In determining optimum harvest for a specific variety, we relied extensively on indices of starch conversion, fruit firmness, and soluble solids (sugars) as well as external color. Since individual tastes in apples vary widely, the format below includes a rating for sweetness, tartness or acidity, and complex flavor. Some apples, such as **Karmijn de Sonnaville**, combine high levels of acid with high levels of sugar, while others are primarily sweet or primarily tart. Complexity in flavor indicates the presence of subsidiary flavors beyond "basic apple," for example some varieties have a hint of anise, citrus or banana, others are spicy or aromatic. Ratings are subjective to some degree, though sugar and acid can be specifically measured.

In the table below, the rating scale follows this system:

- **Sweetness (SW)** 5=very sweet, 3=moderately sweet, 1=low sweetness
- **Tartness/Acidity (TR)** 5=very acid, 3=moderately acid, 1=low acid
- **Complexity (CX)** 5=highly complex subsidiary flavors, 3= some subsidiary flavors, 1=no subsidiary flavors

Established varieties (several years on trial)

CULTIVAR	HARVEST	SW	TR	CX	COMMENTS
Sansa	August 23	4-5	2	3	Ex red color, attractive finish, productive

Gravenstein	August 27	2	4	3	Standard sauce pie apple, bicolor stripe
Gravenstein, Red	August 27	2	4	3	Excellent culinary, identical to standard except more red
Tsugaru, Homei	September 2-8	4	1	2	Attractive red color, productive, multi-pick
Redmax	September 2-11	3	4	2	Red McIntosh sport, productive, stores well for early season
Improved McIntosh	September 2-11	3	4	2	Very good Mac type, uniform, attractive, picks easily
Marshall Mac	September 2-11	3	4	2	Productive reliable Mac type
Mott Pink	September 6-12	2	5	2	Yellow blushed pink with pink flesh, productive novelty
Morspur Mac	September 8-14	3	4	2	Very attractive, ex color finish, good Mac flavor
Beni Shogun	September 8-21	5	1	3	Early Fuji type, some russet
Rogers Red Mac	September 11	3	4	2	Productive, ex color finish
RubINETTE	September 16-24	4	5	5	Productive, uniform, size below medium, ex quality
Royal Court	September 20-24	3	3	4	Red sport of Cortland, ex color, large, mod productive
Empire, Royal	September 21	4	4	2	Good color, not as dark as Thome cv, productive, stores well
Sonata (Pinova. Corail)	September 21-30	4	2	3	Golden type with Cox parentage, attractive, ex flavor, stores well, some used for hard cider trial
Gala, Brookfield	September 26	4	2	4	Productive, ex color, later ripening than other Gala types
Fuji, September Wonder	September 29	5	1	3	Productive, ex color quality, little russet, stores very well
Redcort	October 12	3	3	3	Productive, fruit large, good quality, sprawling tree habit
Braeburn, Joburn	October 12-20	3	5	3	Red sport of Braeburn, earlier & better color than standard, productive, high quality, ex late keeper

Recent Introductions & Selections

CULTIVAR	HARVEST	SW	TR	CX	COMMENTS
Monark	July 30-August 6	3	4	2	Bicolor, good in early season, refreshing, softens if left on tree for long
Arkcharm	August 2-6	4	3	3	Attractive bicolor, very good flavor, not for long storage
Zestar	August 11-18	4	3	2	Good color, very good flavor, holds well on tree
Ellison's Orange	August 20-27	3	4	4	Bicolor, some russet, v good quality, also used in cider
NYB 298	August 23	4	3	2	Very productive, attractive bicolor, size med-lg
Mikki Life	September 2-8	4	4	4	Bicolor, mod productive, juicy, may be good cider blender
Greensleeves	September 2-8	3	5	4	Attractive green apple, crisp, nice tartness just off tree
Gala, Gale	September 11	4	2	3	Good red color, typical Gala, fruit tends to be small
AA 59	September 21	4	2	2	Golden type, nice copper blush, productive
NY 486	September 21	5	4	4	Golden russet, ex quality, gourmet potential, also cider
Millenium (NY 460)	October 12-16	4	3	3	Attractive dark red, some russet patches, ex late keeper with McIntosh characteristics
Ambrosia	October 12-16	5	2	3	Productive, size color variable, very good quality, stores well
Braeburn, Lochbuie	Oct 16	3	5	3	Red sport of Braeburn, similar to Hillwell, not yet fully evaluated
NY 489	Oct 16-20	4	3	2	Late Golden type, very productive, good quality

Many strains of **Gala** have been evaluated over the years, but in our trials **Regal (Fulford) Gala** has been outstanding due to its larger size fruit and good overall red color. **Ultrared** has somewhat darker color than most. **Brookfield Gala** ripens 8-10 days later than other strains with good color and productivity. Gala and its strains are noted for sweet flavor. In general they do well here, if treated for prevention of apple scab.

Early ripening strains of **Fuji**, **Beni Shogun** and **September Wonder (Jubilee)** are very promising for our area. The latter seems to have a slight edge in appearance as it is not as prone to russetting.

Braeburn and **Hillwell** (red) strain produced well with little russet. **Hillwell** is definitely preferable to standard Braeburn, and we are still evaluating the new strains **Joburn** and **Lochbuie**.

Among the varieties of Japanese origin that we have tested over the years, the ones best suited to our conditions have proven to be **Akane**, **Sansa** and **Tsugaru Homei** in the early season, in the mid season **Hatsuaki**, and in the late season the strains of **Fuji** mentioned above, **Shizuka** and **Mutsu**. **Shizuka** is very productive, flavorful, and more attractive than **Mutsu**, which ripens 7-10 days later in most years. **Mutsu** is of excellent quality but may not ripen fully in cooler areas.

Most of the Japanese introductions are sweet apples. Other good choices in this category include **Zestar**, a Minnesota introduction ripe in the early season, and **Sunrise** and **Silken** from Summerland, B.C.. All three are reliable producers of good quality fruit.

Cox types, derived from the English **Cox's Orange Pippin**, are noted for complex flavor blending sweet and tart. **Ellison's Orange** and **RubINETTE** are both high quality dessert apples. The latter is a medium to small apple with intense flavor that makes it a very popular gourmet item.

The **McIntosh** variety is very popular in the eastern United States, resulting in many Mac strains and crosses. In previous trials **Jonamac**, **Spartan**, and **Empire** have all proven to be well adapted to our area. **Royal Empire**, a red sport of **Empire**, has done very well here. **Redcort**, a red sport of **Cortland**, has a unique tart flavor at first picking and retains its firmness for later pickings. **Empire** and **Redcort** store better than the other Mac types. A **McIntosh** cross from Geneva, NY that has just been named is **Millenium (NY 460)**. Ripe in the late season, it has good flavor and stores very well.

Disease Resistant Cultivars & Selections

CULTIVAR	HARVEST	SW	TR	CX	COMMENTS
Pristine	July 25	3	4	2	Yellow, crisp, holds well on tree and retains firmness

HWR-19T-18	September 7	4	2	3	Firm, excellent red color, holds well on tree, productive
Releika	September 8	4	2	3	Ripe with Gala, attractive red, firm, crisp, holds well on tree
Resi	September 8	4	2	4	Ripe with Gala, attractive red, oblong shape, holds well
CLR-20T-60	September 20	3	4	2	Large, bicolor yellow/red, flavor good, firm texture
Vanderhoek	September 21	2	4	2-1	Large bicolor sim to Gravenstein, flavor less than best
Rajka	September 21	4	3	3	Very firm, bright red, uniform, holds well, good flavor
NY 75414-1	September 21	3	4	3	Ex wine red color, very good flavor, productive
NY 79507-72	September 26	3	4	2	Dark red, flavor good to fair, firm
NY 65707-19	September 29	4	2	3	Attractive bicolor, similar to Gala, ex finish, good flavor
Belmac	September 29	2	4	4	Allover dark red, ex late Mac type, good flavor storage
Scarlett O'Hara	October 1	3	2	2	Bicolor, v productive, firm, flavor less than best
Goldstar	October 1	2	4	3	Green/yellow, late, good flavor

With its clean, crisp tartness and bright yellow color, **Pristine** is an outstanding early variety. New introductions from eastern Europe, **Releika**, **Resi** and **Rajka**, all produced a good yield of fruit in 2005 and look very promising at this point. They are an attractive bright red, and though a bit on the small side are just the right size for eating out of hand. **Releika**, ripe in late September, hangs on the tree without softening until November. **Belmac**, a recent scab immune Mac type from eastern Canada, ripens in mid to late October. It looks like it could be very promising as a late keeper. **Scarlett O'Hara (Coop 25)** is very productive, and the fruit is an attractive red, firm and crisp in texture, with fair to good flavor. **Goldstar**, a green-yellow apple from eastern Europe of rather tart flavor, ripens in late October and may be the answer for those who like a **Granny Smith** type. We look forward to seeing how it will do in 2006.

A number of new selections that were added to the disease resistant test plot in 2003 had a few fruit in 2005, and will be given a full evaluation in 2006. Some are crabapple types with reddish or purple foliage and red or pink fleshed fruit. **AK 49-191-95**, **AK 51-19-95**, **AKR 52-151-95**, **AKR 53-44-95**, **UEB 2420-3**, **UEB 2439-1**, **UEB 2489-1**, **UEB 3148-1**, **UEB 3241-3**, **UEB 3262-2**, **UEB 3264-2**, **UEB 3267-1**, **UEB 3277-1**, **UEB 3285-2**, and **UEB 3290-1**.

Cider Apples

Trees in a replicated plot of cider apples -selected for hard (fermented) cider production- were harvested for cider in 2005, with the cooperation of Drew Zimmerman. All mature trees in the cider block produced fruit for cider this year. Younger trees planted in 2002 produced good crops in most cases and some were included in blends although there was not enough fruit from any one variety for a single-varietal evaluation.

One tree each of a number of cider apple varieties, some European and some old American cider apples was added to the trial in 2004. They will not have fruit for evaluation until 2006 or later. A new collection of pears especially selected for making perry (pear cider) was added in 2004 and may produce sample fruit next year.

Varietal ciders were made for evaluation as well as blends from cider and standard varieties. The 2004 ciders were evaluated in 2005. Ciders made in 2005 will be evaluated in 2006. For anyone who is interested in hard cider making, see the 2005 [Cider Report](#).

Crabapples and Ornamental Tree Fruit

In 2005 data were taken on trees in the crabapple trial, including bloom dates in spring (April-May) and a rating in late fall (November) of scab, mildew, and general tree health. Overall ornamental quality at that time was rated also. Photographs documented the appearance and qualities of promising varieties for use in publications. In 2004 a new ornamental tree fruit trial was initiated with funding from WSDA, which includes the existing ornamental crabapples and adds stone fruit (ornamental cherry, plum, peach and other *Prunus* spp.) and ornamental pear cultivars and selections.

Best rated ornamental crabapples include **'Evereste'**, **'Golden Raindrops'** and **'Red Jewel'** which show excellent overall ornamental quality and high disease resistance. Both **'Evereste'** and **'Red Jewel'** have abundant bright red fruit that persists well into the winter. Fruit of **'Golden Raindrops'** is also persistent but yellow, small and less conspicuous. Other white-flowering crabapples with good appearance and disease resistance are **'Adirondack'**, **'Christmas Holly'**, **'Lancelot'**, **'Silver Moon'** and **'White Angel.'** Most of these will fit well to the backyard and urban landscape. **'Silver Moon'** is large and vigorous, a fine candidate for public open spaces such as parks.

The best rated pink-flowering crabapple varieties remain **'American Spirit'**, **'Louisa'**, **'Candy mint Sargent'**, **'Pink Princess'**, **'Prairifire'** and **'Prairie Maid.'** **'Louisa'** is an excellent specimen tree, with a strongly weeping habit and pale rose-pink flowers. Field resistance to scab and mildew is also very good.

Some "micro-minis" have been on trial, with very dwarf tree habit, almost bonsai-sized. **'Guinevere'** is a tree of horizontal spreading habit, with greenish bronze leaves and medium pink buds opening to pinkish white flowers. **'Lollipop'** and **'Cinderella'** have abundant white flowers and clean, small leaves of an attractive light green. The fruit is tiny and pearl-like; **'Cinderella'** is yellow and **'Lollipop'** is red. Any of these will fit well into a patio pot.

A 2002 introduction originating in the Puget Sound, **'Marilee'** is patented by Marvin Jarmin of Mount Vernon. It has pink and white semi-double flowers and a narrowly upright growth habit which would be suitable for street side ornamental planting, especially as it sets no fruit to drop and make a mess. A WSU cross of Alkmene X Prima with white single flowers is immune to scab and produces attractive yellow fruit that hangs on the tree well into winter if not harvested. The fruit is tart but edible, useful for jelly, pickled fruit, and hard cider blending. Pollination trials in 1998 showed that this seedling will pollinate both Jonagold and Fuji. **'Pink Cloud'** seedling has highly ornamental pink double flowers, bronze leaves, and large, tart red fruit.

In 2004 a number of crabapples came to us through the National Crabapple Evaluation Project, which has issued a new round of promising introductions. They are: **Canary**, **Firebird**, **Holiday Gold**, **May's Delight**, **Orange Crush**, **Prairie Rose**, **Pumpkin Pie**, **Scarlet Brandywine** and **Spring Sensation**, also a tree of the new red-leaf sport **Royal Raindrops**. We look forward to seeing how they perform in our climate conditions.

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