

WCTFA FALL 1985

1985 FRUIT SHOW AWARDS

Awards were given out at the All About Fruit Show as follows:

Biggest Apple on Saturday (and biggest in the show) - went to Lyle Winkel of Portland for a Wolf River measuring 4 7/8 inches in diameter, and 5 1/2 inches tall.

Biggest Apple on Sunday - went to Dal Leaf of Hadlock Washington for an unknown variety measuring 4 3/4 inches in diameter and 4 1/8 inches tall.

Ugliest Apple on Saturday - went to a very special entry, a gravenstein preserved with cloves, that was shown at the first Western Washington Fair ever, and was owned by Almeta Hawley, grandmother of Virginia Ries of Spanaway Washington who shared her treasure with us.

Ugliest Apple on Sunday - went to Warren Manhart of Lake Oswego Oregon for his silly looking apple that grew up in the crotch of a tree without being destroyed - just distorted.

Winners of the biggest and the ugliest won high quality caps with Washington Apple insignias.

Second place in the Best Fall Apple Display went to Warren Manhart of Lake Oswego Oregon and was based on the number of varieties, effective use of fall leaves for accent, and the educational value of his fruit labels. His award was a Schrade apple sampling knife.

First place in the Best Fall Apple Display went to Richard L. Schnepel of Gladstone Oregon for a display that made very effective use of a limited number of varieties, included instructive photographs, used unique accents such as flags for place of origin, and was judged the most educational display for the novice fruit grower. Dick won a limited edition crystal apple from the Washington State Apple Commission.

Judges for 1985 were Dick Moulton, Ed Lewis, and Dave Battey.

FRUIT SHOW KUDOS

FIRST AND FOREMOST, at the top of my list, a reverberating, echoing, jumping up and down, arm waving THANK YOU to all of you who helped with the creation of a truly beautiful All About Fruit Show. The show attracted 4800 paid admissions. It was a visual delight. People wandered slowly by exhibits, no one was rushed or crowded and the energetic question/answer exchange never slowed.

Many of you contributed, but I personally especially thank Lawrence McMurtry who was chairperson of the "Ten Best Apples for Western Washington" display--a difficult, often aggravating project that demanded a lot of energy and persistence. Also, I thank Emory Leland for organizing the WCTFA booth. Emory would be the first to acknowledge all the help he received from others, but it was Emory providing the pushing that got us a new logo (to take us into the 21st century!), very visible name tags, new WCTFA brochures, and a very attractive, enthusiastically manned booth.

TEN BEST APPLE DISPLAY

I hope you all got to the fruit show and took a good look at our "Ten Best Apples for Western Washington" exhibit. It was impressive and very well used by the public. This exhibit will be stored at the Mt. Vernon Research Station and will be available for display at any function with room to accommodate it. If you know of a meeting, festival or other activity and want to coordinate presenting the display, call me at 827-2939 to make arrangements. There are also 10 baskets that can be loaned for fruit display. I'm pleased to say that the handout accompanying our exhibit will be printed by King County Cooperative Extension as a "KC" for free distribution to King County residents.

PRUNING HELP REQUESTS

I've been getting requests from people who want me to recommend a WCTFA person who can prune fruit trees for them, or consult at their homes, or id fruit. WCTFA needs to provide this information to the public in an orderly, "non-partisan" manner, so I will organize the printing of a handout which can be mailed to people who request recommendations. Only WCTFA members will be included in this list. If you want your name included, mail me the following information by the end of December:

Name, address, phone number, the skills you wish to provide, some details of your past experience in fruit growing, and whether you will provide your services free as a WCTFA volunteer or whether you will charge a fee.

Mail information to H. Zuelow, 13631 NE 102nd, Kirkland, WA 98033.

NOW IS THE TIME - A PERSONAL OPINION BY HELEN ZUELOW

I hope you've noticed what a good job western Washington fruit tree nurseries are doing. They are now providing most of the varieties and rootstock combinations that have shown outstanding performance at the Mt. Vernon Research Station.

Most of us WCTFA people have expressed interest in having these plants available for purchase, so now that we have them, let's make sure our friends and communities know they're available! I think it's entirely consistent with the emphasis on education in our bylaws that we spread the (what, when, where, why and who) word. We can't expect these new businesses to thrive unless we are responsive to their efforts. Western Washington is in the midst of a fruit growing renaissance and the creation of a new industry. I want to see this movement growing over the long term rather than fading once again as it did when eastern Washington gained predominance in tree fruit production.

Following are short comments on nurseries I know. Others who would like newsletter mention should write to me before the end of December. (H. Zuelow, 13631 NE 102, Kirkland, 98033)

RAINTREE NURSERY has apple varieties on 26, 27, and Ill with a 9 intersteer; cherries with Northstar intersteers; and a very complete list of locally adapted varieties of all sorts of fruit.

CLOUD MOUNTAIN FARM also sells locally adapted apple varieties on 9 and 26. They have many interesting varieties, including old types, and they have one year unbranched whips which are excellent for trellising and espalier techniques. They also have quite a few grape varieties.

HARTMAN'S FRUIT TREE NURSERY has a very good list of apple varieties that are disease resistant, and

an extensive assortment of varieties that are new or unusual in our area. Hartman's also have "Sample an Apple" every Saturday during the fall when you can visit the nursery, taste fruit right off the trees, and see their growth habits.

I've only mentioned highlights of the stock maintained by these nurseries. Request their catalogs by sending to:

Raintree Nursery
391 Butts Rd
Norton, WA 98356

Cloud Mountain Farm
6906 Goodwin Rd
Everson, WA 98247

Hartman's Fruit Tree Nursery
713 21st St SE
Puyallup, WA 98372

OREGON TREE FRUIT GROWERS MEETING

The second annual Willamette Valley Tree Fruit Growers Association meeting is scheduled for Saturday, December 14th, in Salem, Oregon at Chemeketa CC. Topics of particular interest to commercial growers include drawing and keeping customers, tax advantages for orchardists, planning a year-round pest control program and changing varieties with grafting techniques. There is a registration fee and the meeting is open to non-members. For more information contact WVTFGA, PO Box 70, Hillsboro, Oregon 97123.

KIWIFRUIT GROWING MEETING SCHEDULED

The B.C. Ministry of Agriculture and Food in conjunction with the Kiwifruit Grower's Association of British Columbia is sponsoring a two day meeting for a comprehensive overview of the horticultural requirements of kiwi on January 29th and 30th. The meeting will be held at the Canadian Research Station in Sidney and will include a tour of trial plantings at the Saanichton Experimental Station and several commercial plantings. For more information contact Brent Warner, Bldg 20, 8801 East Saanich Road, Sidney, B.C. V8L 1N3.

APPLE MAGGOT SITUATION: A Report from the WSDA

Approximately 20,000 traps were placed statewide in the WSDA's apple maggot detection program this summer. Final results show that the fly has not significantly enlarged its range, although there were two unexpected finds: a single fly trapped in a backyard tree in Redmond in King County and a single fly trapped on the border of a commercial orchard in Sundale in eastern Klickitat County.

Preliminary analysis shows the program of 100% trapping (i.e., all fruited apples, crabapples, native and ornamental hawthorns) in and around the control/eradication zones in Skamania, Klickitat and Spokane counties has resulted in an emerging delineation of the infested areas.

The main focus of the apple maggot detection, control/eradication, and quarantine programs is to prevent the movement of this insect into the central and eastern Washington major apple growing areas.

Western Washington commercial orchards and backyard trees are threatened with infestation as the apple maggot makes its slow natural progression northward. Containment, suppression, or eradication of the western Washington population is not biologically feasible, therefore, a quarantine was imposed on all of western Washington.

Homegrown, backyard fruit, and commercial fruit which is not grown, trapped, and inspected according to the guidelines of the apple maggot quarantine may not be moved out of western Washington. To slow down the artificial spread of apple maggot throughout western Washington, people are urged not to transport their backyard fruit within western Washington either. (Although such movement within the quarantined area of western Washington is not prohibited.)

TIME TO PAY DUES AND DONATIONS

1986 dues are payable on or before January 1st. Mail a check for \$10 made out to WCTFA to Tom Berry, 23305 39th Av SE, Bothell 98011. Chapter members can also pay their dues at their chapter meetings. If you wish, include an extra amount of money for a donation to the research fund at Mt. Vernon. (Please indicate the amount of your donation if you send it with your dues check.) All donations are tax deductible.

SOUTHMEADOW COLLECTION

Southmeadow Fruit Gardens from Lakeside Michigan - 49116, honored us once again with their unique display of unusual apple varieties. Their collection is also a source for unusual plums, grapes, peaches, pears, gooseberries, and conservation fruits. Since their entries were not grown in Washington or Oregon, they are not included in the Fruit Show inventory, but because of the value of these varieties to the collector, we would like to list them here. Note that 1986 is the 25th Anniversary year of Southmeadow. We were pleased to have the Grootendorsts (plant propagators for Southmeadow) and founder Bob Nitschke with us this year, and are proud to read of the West Cascade Tree Fruit Association and the Home Orchard Society mentioned along with the North American Fruit Explorers in the 1986 Southmeadow price list.

SOUTHMEADOW APPLE VARIETIES SHOWN (Alphabetical L to R)

Adams Pearmain	Ashmead's Kernel	Baldwin
Ben Davis	Black Gilliflower	Blacktwig
Blue Pearmain	Brite Mac	Calville Blanc
Cherry Cox	Claygate Pearmain	Coles Quince
Colvis Spice	Cornish Gilliflower	Cox's Orange
Davey	Doctor	Early Granny
Egremont Russet	Empire	Erwin Bauer
Esopus Spitzenburg	Fall Russet	Freyberg
Fukunishiki	Gala	Golden Noble
Golden Nugget	Golden Pippin	Golden Russet
Granny Smith	Holstein	Hoople's Antique G.
Hudson's Golden Gem	Hyde King	Jefferis
Jonagold	Kandil Sinap	Kerry Pippin
Keswick Codlin	Kidd's Orange Red	Korei
Knobbed Russet	Lamb Abbey Pearmain	Late Strawberry
Limbertwig	Lubsk Queen	McIntosh
Macoun	Mahogany	Maidenblush
Margil	McLellan	Melrose
Mother	Mutsu	Newtown Pippin
Ohio Nonpareil	Old Nonpareil	Opalescent
Ozark Gold	Peck's Pleasant	Perry Russet
Pink Pearl	Pinks	Pitmaston Pineapple
Porter	Pumpkin Sweet	Red Gravenstein
Red Spitzenberg	Rhode Island Greening	Ribston Pippin
Rosemary Russet	Roxbury Russet	Russet King
Scarlet Crofton	Senator	Signe Tillisch
Snow Apple (Fameuse)	Somerset of Maine	Spartan
Spencer	Spigold	St. Edmunds Pippin
Starr	Summer Pearmain	Summer Rambo
Surprise	Sutton's Beauty	Swaar
Swiss Orange	Tioga	Tydemans Late Orange
Virgini Gold	Waltana	Washed Russet
Wealthy	Westfield S. N. F.	Wheeler's Golden Russ.
White Winter Pearmain	Wickson (Crab)	Winter Banana
Wisner's Dessert	Wolf River	Zabergau Reinette

CHANGE IN PESTICIDE LAW NOW IN EFFECT

Homeowners as well as commercial applicators will now come under the scrutiny of Department of Agriculture pesticide investigators. Until now, only licensed pesticide applicators, dealers or consultants could be penalized for pesticide misuse or misapplication. But after the 1985 Legislative session, anyone, including homeowners, gardeners, and manufacturers, violating a pesticide law could also receive a civil penalty of up to \$1000 for each violation.

Department of Agriculture investigators urge anyone using a pesticide to read the label thoroughly and then apply the chemical properly, carefully and safely. For more information, call or write WSDA, Chemical and Plant Division, 406 General Administration Building, Olympia, WA 98504; 206-753-5062.

ROOTSTOCK AND SCION WOOD SALE

by Walt Lyon

In the summer issue I asked members to send me estimates of the rootstocks they would need next spring. The time has come to think about definite orders.

To complicate matters, I just got word this morning that Oregon Rootstocks can't supply any of the Polish or Russian rootstocks. I have tried to call everyone who included any of those in their estimates, and have reached all but two or three. I hope to reach those too, but there was one without a phone number. Please, always include your phone number on these things. Then, if a hitch develops, I can call and give you the options, if there are any.

As it stands now, we can get plenty of MARK and ENLA 27. And, we can get the other Malling and Malling Nerton rootstocks which you asked for in your estimates.

Please fill out the order blank and return it to me with your check for the total amount. Don't forget to add the state sales tax of 7.8%. All rootstocks should be picked up at the spring meeting. If, for some reason, you can't make it to the meeting after having reserved rootstocks, you may contact me to arrange a pick up at a later date. I will hold the plants until I hear from you, but not later than April 1st.

APPLE ROOTSTOCK ORDER BLANK

Prices: \$1.50 each: \$12 for 10

	amount	cost				
MARK	-----	-----	M 9	-----	-----	sub total -----
ENLA 27	-----	-----	M 7a	-----	-----	tax -----
M26	-----	-----	MM 111	-----	-----	total -----

Name, address, and phone

Please mail to Walter L. Lyon, 19717 80th NE, Bothell, WA 98011; 483-5574

Scion wood will again be for sale at the spring meeting. Price will be \$.50 each. All members are asked to save scions from their favorite varieties and any others they think other members would like to have. Save prunings only from healthy, nonpatented varieties. Pick only new wood, preferably about lead pencil size. Label carefully, wrap in plastic bags and store in the refrigerator until the spring meeting. Remember profits from the rootstock and scion wood sale benefit our treasury which is used to help support research at Mt. Vernon.

FRUIT VARIETIES AT THE SHOW

A "complete" inventory of all of the fruit displayed at the show, in all categories, was taken by Dave Battey, and was based on the inventory taken in 1984 by Winnifred Fisher of the Home Orchard Society. Dave attempted to log all fruit in by state of origin, to give us some statistics for comparison of fruit variety interest in Washington and Oregon. We must be very careful in analyzing these statistics - for example, some apples having low entries from Oregon are the early apples that are hard to keep for a show, and mature earlier in Oregon. Some interesting points:

- Gravenstein was the most prevalent apple on display. If regular and red varieties are added together, there were 21 displays, 17 from Washington, and 4 from Oregon.
- Jonagold, Melrose, and Mutsu tied for second place, with 18 displays each.
- Akane was third with 14 displays, and Spartan was fourth with 13 displays.
- Cox Orange was fifth with 11 displays, with a fairly even split of 6 Washington and 5 Oregon entries. But Summerred was tied for sixth place with 10 displays, ALL from Washington. The other sixth place winners were Criterion and Golden Delicious.
- Contributions from Oregon were essential to the overall success and varietal diversity of our show. Many unique varieties of apples, pears and grapes were displayed only by Oregon participants.

KEY TO VARIETY LISTS

The following is a hopefully complete list of all Washington and Oregon entries, both amateur and commercial, at the 1985 All About Fruit Show in Tacoma on November 2 & 3. The number of times a fruit variety was displayed is entered after the variety name as follows, **NUMBER OF WASHINGTON ENTRIES - NUMBER OF OREGON ENTRIES**. It is interesting to note that several varieties were available for tasting in the commercial booths that were not shown on the collector's display tables.

1985 ALL ABOUT FRUIT SHOW VARIETY LIST

APPLES

AKANE 10-4
 AKERO 1-0
 ALEXANDER 2-0
 AMISH BLACK 0-1
 ANERE DE BERTHCOURT 1-0
 ANGVILE GRISE 1-0
 ARKANSAS BLACK 1-1
 ASHMEAD'S KERNEL 5-2
 BALDWIN 5-6
 BEAUTY (CRAB) 1-0
 BEDAN 1-0
 BELLE DE BOSKOPF 3-1
 BELMONT (WAXEN) 0-1
 BEN DAVIS 0-1
 BIETIGHEIMER 2-0
 BLAIRMONT 1-0
 BLEINMONT 1-0
 BLACK GILLIFLOWER 3-1
 BLACKJON 1-0
 BLACKMAC 1-0
 BLENHEIM 1-0
 BLUE PEARMAIN 4-0
 BLUSHING GOLDEN 0-3
 BODIL NEERGAARD 1-0
 BREABURN 0-1
 BRAMLEY SEEDLING 4-1
 BRIGG'S SWEET 1-0
 BROCK 0-1
 BROWN'S APPLE 1-0
 BUCKLEY GIANT 5-0
 BULLOCK 1-0
 BULMER'S NORMAN 1-0
 BURGUNDY 4-1
 CALVILLE BLANC DE'HIVER 2-3
 CAMFIELD SEEDLING 1-0
 CANADA RED 1-0
 CANADA REINETTE 2-0
 CASCADE SPUR DELICIOUS 0-1
 CENTENNIAL (CRAB) 1-0
 CHEHALIS 6-1
 CHELAN RED DELICIOUS 0-1
 CHENANGO STRAWBERRY 1-0
 CHESTNUT (CRAB) 1-0
 CHEVY CHASE (SEEDLING) 1-0
 CHISEL JERSEY 1-0
 CHRISTMAS PEARMAIN 1-0
 CIMITIERE 1-0
 COATS'S JERSEY 1-0
 COO'S RIVER BEAUTY 0-1
 CORNISH GILLIFLOWER 1-0
 CORTLAND 1-3
 COW JERSEY 1-0
 COX'S ORANGE PIPPIN 6-5
 CRESWELL 0-2
 CRITERION 4-6
 DABINETT 1-0
 DELICIOUS 3-3
 DELI-JON 1-0
 DISCOVERY 5-1
 DODD'S BANANA 1-0
 DREW'S RED 1-0
 DUCHESS OF OLDENBURG 3-0
 DYER 1-0
 EARLIGOLD 2-0
 EGREMONT RUSSET 2-0
 ELEYI SEEDLING 1-0
 ELSTAR 3-1
 EMPIRE 2-5
 ENGLISH BEAUTY 1-0
 ERWIN BAUER 0-1
 ESOPUS SPITZENBURG 5-3
 FALL PIPPIN 2-0
 FEUILLARD 1-0
 FIRMGOLD DELICIOUS 1-0
 FLAMESPUR RED ROME 1-0
 FORTUNE 2-0
 FREEDOM 1-0
 FREYBERG 2-0
 FUJI 1-0
 FUJI REDSPORT 1-0
 GALA 5-2
 GEEVESTON FANNY 1-0
 GENEVA EARLY 1-0
 GLORIA MUNDI 2-0
 GLOSTER 69 0-1
 GOLDEN DELICIOUS 4-6
 GOLDEN HORNET (CRAB) 1-0
 GOLDEN NOBLE 1-1
 GOLDEN NUGGET 2-0
 GOLDEN RUSSET 3-0
 GORDON 1-1
 GRANNY SMITH 1-2
 GRAVENSTEIN 8-3
 GRIMES GOLDEN 1-2
 GROVE 1-0
 HARALSON 1-0
 HARRY MASTER'S JERSEY 1-0
 HAWAII 6-1
 HAWKEYE GREENING 1-0
 HAWLEY 1-0
 HENRY KOHANKIE 1-0
 HINTON (SEEDLING) 1-0
 HOLLAND WINTER 0-1
 HOLLY 1-0
 HOLSTEIN 3-0
 HOWGATE'S WONDER 1-0
 HUBBARDSTON NONESUCH 2-1
 HUBBURD SEEDLING 1-0

HUDSON'S GOLDEN GEM 6-1
HYSLOP (CRAB) 0-1
IDA (SEEDLING) 1-0
IDARED 8-3
INGRID MARIE 1-0
JEFFERIS 2-0
JEWETT'S RED (NODHEAD) 0-1
JONAFREE 1-0
JONAGOLD 11-7
JONALICIOUS 1-1
JONAMAC 7-0
JONARED 0-1
JONATHAN 1-3
JONEE 0-1
JONWIN 3-0
JULY RED 1-0
KANDIL SINAP 1-1
KEEPSAKE 1-0
KENNARD'S CHOICE 1-1
KIDD'S ORANGE RED 3-1
KING DAVID 2-1
KINGSTON BLACK 1-0
LADY 1-2
LARGE RAMBO 1-0
LATE STRAWBERRY 1-0
LAW RED ROME 1-0
LIBERTY 4-3
LODI 0-1
LORD LAMBOURNE 1-0
LUBSK QUEEN 2-0
MACFREE 2-0
MACDUN 5-4
MACSPUR 0-1
MAGNOLIA GOLD 1-0
MAIDEN BLUSH 1-0
MAIGOLD 2-0
MALUS CONTORTA
(MANHART STRAIN) 0-1
MARACHEL 1-0
MARGIL 0-1
MANTET 2-0
MCINTOSH 1-1
MELON? 1-0
MELROSE 11-7
MERTON RUSSET 1-0
MICHELIN 1-0
MOLLIE'S DELICIOUS 1-0
MONROE 1-0
MOTHER 2-0
MOTT PINK 1-0
MULTNOMAH 2-0
MUSCAT DE BERNEY 1-0
MUSCAT DE LENSE 1-0
MUSTER 1-0
MUTSU 12-6
NEW JERSEY 1-0

NEWTOWN SPITZENBURG 1-0
NITTANY 1-0
NORTHERN SPY 5-5
NORTHERN SWEET 1-0
NOVA EASYGROW 1-0
OHLSEN 1-0
OLYMPIC 2-0
OLYMPIC QUEEN 1-0
OPALESCENT 6-1
ORTLEY 1-0
ORENCO 3-4
ORIOLE 3-0
ORLEANS REINETTE 0-1
OTTAWA 1-0
OZARK GOLD 1-0
PACIFIC PRIDE 2-0
PALMER 1-0
PALOUSE 1-0
PARAGON 0-1
PAULARED 5-0
PEAU DE VACHE 1-0
PECK PLEASANT 3-0
PERRY RUSSET 1-0
PINK PEARL 1-0
POMME GRIS 1-0
PORTER 0-1
PORTER'S PERFECTION 1-0
POUND SWEET 1-0
PRIMA 3-2
PRIME GOLD 1-0
PRISCILLA 0-1
PUMPKIN RUSSET 0-1
PUMPKIN SWEET 0-1
RAINIER RED DELICIOUS 0-1
RED BOUQUET DELICIOUS 0-1
REDFIELD 1-0
RED FLESH (CRAB) 2-0
REDFREE 1-0
REDGOLD 3-1
RED GRAVENSTEIN 7-1
RED MCINTOSH 1-0
RED MELBA 1-0
RED ROME BEAUTY 0-2
RED WEALTHY 3-0
REINES DES POMMES 1-0
RHODE ISLAND GREENING 3-2
RIBSTON PIPPIN 1-1
ROB ROY 1-0
ROME BEAUTY 0-2
ROSS NONPAREIL 1-0
ROUNDTREE SWEET 3-0
ROXBURY RUSSET 3-2
ROYAL GALA 3-2
ROYAL RUSSET (BROWN RUSSET) 2-
RYANRED SPUR DELICIOUS 0-1
SAINT EDMUNDS PIPPIN 1-0

SEIRRA BEAUTY 1-0
SHEETS GRAVENSTEIN 2-0
SIGNE TILLISCH 1-1
SILVER SPUR DELICIOUS 1-0
SINTA 4-1
SIR PRIZE 0-2
SMOKEHOUSE 0-1
SNOW 1-2
SPARTAN 12-1
SPIGOLD 3-2
SPOKANE BEAUTY 1-1
SPUR GOLDEN DELICIOUS 1-0
STARK EARLIBLAZE 0-1
STARK JUMBO 1-1
STARKRIMSON DELICIOUS 0-1
STARK SPLENDOR 1-0
STATE FAIR 1-0
STAYMAN 1-3
STEARNS 0-1
STEWART 0-1
STUMP 1-0
STURMER PIPPIN 1-0
SUMMERRED 10-0
SUMMER TREAT (NJ49) 2-1
SUNSET 2-0
SUPER JON 0-1
SUTTON BEAUTY 1-1
SWAAR 0-2
SWEET ALFORD 1-0
SWEET COPPIN 1-0
SWEET 16 1-0
TANG (NJ?) 2-0
TOHOKU #4 1-0
TOMPKIN'S KING 6-2
TREMBLETT'S BITTER 1-0
TWENTY OUNCE 3-2
TWENTY OUNCE PIPPIN 0-1
TYDEMAN'S LATE ORANGE 0-2
TYDEMAN'S RED 2-1
VAGNON FLOCHER 1-0
VANDERPOOL RED 0-1
VANDEVERE 1-0
VIKING 1-0
WAGENER 1-1
WASHINGTON STRAWBERRY 1-1
WAYNE 0-1
WEALTHY 4-1
WESTFIELD SEEK NO FURTHER 1-2
WHITE PIPPIN 1-0
WILLIAMS EARLY 0-1
WINTER BANANA 1-1
WINESAP 0-1
WINSTON 3-0
WOLF RIVER 5-2
YELLOW BELLFLOWER 5-2
YELLOW NEWTON 2-3

YOUNG AMERICAN (CRAB) 1-0

PEARS

AURORA 1-0
BARTLETT 1-2
BELLE POITEVINE 0-1
BENNETT 1-0
BESI DE LE MOTTE 0-1
BEURRE D' AMANLIS 0-1
BEURRE CLAIRGEAU 0-1
BEURRE EASTER 0-1
BEURRE GRIS D' HIVER NOUVEAU 0-1
BEURRE SUPERFIN 0-1
BOSC 4-1
BUFFUM 0-1
CALIFORNIA 0-1
CANAL RED 0-1
CASCADE 0-2
CHOJURO 5-0
CLAPP FAVORITE 1-1
COLLETTE 0-1
COMICE 5-4
COMTE DE LAMBERTYE 0-1
D'ANJOU 0-3
DEVOE 0-1
DIRECTEUR HARDY 0-1
DIXIE 0-1
DOCTEUR DESPORTES 0-1
DUCHESS BRONZEE 0-1
DUCHESS D'ANGOULENE 1-0
DUCHESS DE MOUCHY 0-1
DUMONT 1-0
EL DORADO 2-0
FLEMISH BEAUTY 3-2
FORELLE 0-1
GEM OF THE ORIENT 0-1
GOLDEN RUSSET 0-1
GRAND CHAMPION 0-1
HIGHLAND 1-1
HUNG GUAR LI 0-1
KIEFFER 0-1
KNOX 2-0
KOSUI 0-1
LIEUTENANT POIDEVIN 0-1
LINCOLN 0-1
LOUISE BONNE DE JERSEY 0-1
MARCHLAND 0-1
MARGEURITTE MARILLAT 0-1
MARIE LOUISE 0-1
MAXINE 1-0
MAX RED BARTLETT 0-1
MOONGLOW 1-0
NIJISSEIKI (20TH CENTURY) 2-2
NY 10274? 1-0
ORCAS 1-0

RIENT 0-1
SACKHAM'S TRIUMPH 1-1
PASSE CRASSANE 0-1
PITMASTON DUCHESS 0-1
PYRUS BETULAEFOLIA 0-1
RED D'ANJOU 0-2
REIMER RED 1-1
ROGUE RED 0-1
ROSI-RED 0-1
ROUSSELET DE REIMS 0-1
RUSSETT ANJOU 0-1
RUSSET BARTLETT 0-1
SECKEL 5-0
SENSATION RED BARTLETT 0-1
SHELDON 1-0
SHINSEIKI 1-1
SIERRA 1-0
SIRRINE 2-0
SPARTLETT 0-1
STARK JUMBO 1-1
STARKRIMSON (RED CLAPP FAV) 0-1
SCHWEIZER WASSERBIRNE 0-1
TRIOMPHE DE VENNE 0-1
TURNBULL 0-1
VERMONT BEAUTY 0-1
VICAR OF WINKFIELD 1-0
WHITE STAR 0-1
WORDEN SECKEL 0-1
YA LI 0-1

GRAPES

ALDEN 1-1
ALIORORE 0-1
ALWOOD 0-1
ASHLAND 0-1
BATH 0-1
BEAUTY 0-2
BLACK MONUKKA 0-1
BRIGHTON 0-1
BRILLIANT 0-1
BRONX 0-1
BUFFALO 1-1
CACO 0-1
CAMPBELL EARLY (ISLAND BELLE) 1-1
CANDICE SEEDLES 3-1
CARDINAL 0-1
CASCADE 1-1
CASTEL (19637) 1-1
CAYUGA WHITE (GW-3) 2-1
CHARDONNOY 1-0
CHASSELAS D'OR 2-0
CHASSELAIS ROUGE 0-1
CHELOIS 0-1
CHRISTMAS 0-1

CONCORD 1-1
CONCORD SEEDLESS 0-1
DAWN 0-1
DE CHAUNAC 1-1
DELAWARE 2-1
DIAMOND 0-1
EARLY BURGUNDAY 0-1
EARLY MUSCAT 1-1
EDELWEISS 0-1
EDELWEISS SEEDLING 0-1
EHRENFELTZER 0-1
ELIZABETH 0-2
FIESTA 0-1
FOCH 1-1
GAMAY BOUJELAIS 0-1
GAMAY TENTURIEN 0-1
GENEVA RED-7 1-0
GENEVA WHITE-5 1-0
GERVAN 0-1
GLENORA 0-1
GOLDEN MUSCAT 0-2
GREEN VELTLINER 0-1
GR3-W 0-1
GR-7-W 0-1
GW-5 0-1
HELEN 0-1
HIMROD 0-1
HORIZON (GENEVA WHITE-7) 1-
ILLINOIS 179-1 1-0
INTERLAKEN 3-2
IVAN 0-1
JS 12-428 0-1
JS-23-416 0-1
KENDAIA 0-1
KING'S RUBY 0-1
LADY PATRICIA 0-1
LAKEMONT 0-1
LEON MILLOT 2-0
LIBERTY 0-1
LINDLEY 0-1
LUCILE 0-1
LUCY KUHLMANN 0-1
LYNDEN BLUE 1-0
MADELEINE ANGEVINE 2-0
MADELEINE SYLVANER 1-1
MALBEC 0-1
MARECHAL JOFFRE 1-0
MONTICELLO 1-0
MOORED 0-1
MULLER THURGAU 2-1
NEW YORK MUSCAT 2-1
NY 30-454 1-1
NY 36-661 0-1
NY 47-616 0-3
NIAGRA 1-1
OKANOGAN RIESLING 2-1

ONTARIO 1-0
 ORTEGA 1-0
 PINOT GRIS 0-1
 PINOT NOIR 2-1
 PORTLAND 0-1
 PORTUGESE BLU 0-1
 QUEEN OF THE VINYARD 0-1
 RAVAT 34 1-0
 RAYON D'OR 1-0
 RIBIER 0-1
 ROSABELLE 0-1
 ROYAL BLUE 0-1
 SCHUYLER 4-1
 SENECA 0-1
 SEIBEL 1000 0-1
 SEIBEL 5898 0-1
 SEIBEL 7136 0-1
 SEIBEL 10878 0-1
 SEYVAL 5-2761 1-0
 SEYVE-VILLARD 5247 1-0
 SEYVE-VILLARD 14287 1-0
 SIEGREBBE 1-0
 SOFFOLK RED 1-1
 STEUBEN 0-1
 SWENSON RED 0-1
 TALENT BLUE 0-1
 TOTMUR (BOCO 2-16) 1-0
 UTAH GIANT 1-1

VAN BUREN 1-0
 VARATURA 0-1
 VENUS 0-1
 VERDELET 0-1
 WORDEN 0-1
 WHITE DIAMOND 1-0
 WHITE RIESLING 0-1
 Y'BLANC 0-1
 ZINFANDEL 0-1

OTHER

KIWI (ACTINIDEA ARGUTA) 1-1
 KIWI (ACTINIDEA ARGUTA)
 SEATTLE SEEDLING 1-0
 KIWI (ACTINIDEA CHINESIS)
 HAYWARD 0-1
 MEDLAR, NOTTINGHAM 1-1
 MEDLAR SEEDLING (SEATTLE) 1-0
 PAW-PAW 0-1
 PERSIMMON SEEDLING 0-1
 QUINCE, SMYRNA 0-1
 BUFFALO BERRY 1-0
 RED CURRANT 0-1

WEALTHY

One of the first apples that past WCTFA president Ed Lewis identified in the Piper Homestead Orchard in Carkeek Park was Wealthy. Wealthy was the creation of Peter M. Gideon of Excelsior Minnesota, who was trying to establish apples that would be hardy in the midwest. He planted seeds of a Cherry (Siberian) crab that he had obtained from Albert Emerson of Bangor Maine about 1860. Peter is recognized by many as the first American "scientific" apple breeder, which was his field for 41 years. He was born in Woodstock Ohio in 1818 (per L. H. Bailey), and in 1858 moved to his claim on the shore of lake Minnetonka. Peter named his best apple in honor of his wife, Wealthy Hull Gideon. Wealthy received an Award of Merit from the Royal Horticultural Society in 1893. Budd-Hansen in their American Horticultural Manual, Part II, 1903, state that Wealthy"is an enduring monument for its originator, who persevered in raising many thousands of apple and crab seedlings under the most discouraging circumstances." Liberty Hyde Bailey, in his Cyclopedia of American Horticulture, 1900, states, "Probably no other American has labored so long and devotedly for the attainment of a specific ideal in the apple". Peter was still breeding apples in 1888 when he sent Excelsior, a seedling of Wealthy, to the New York Agricultural Experiment Station at Geneva, New York.

ON THE NOMENCLATURE OF APPLES

by Nancy Jo Cushman

What's in a tree name?--a little of this and a little of that. Sometimes the owner's name (Tom Putt) or a description (Earl Harvest) or the place where the apple was found (Smokehouse) suffice to name the apple. Nowadays new varieties tend to have made up names (Lodi) or names made from a combination of the parents' names (Jonagold or Newtown).

Back in the good old days around the turn of the century, apple names were a little more colorful. Who could resist Kentish Fillbasket or Hoary Morning or Green Cheese or Fishkill? One is tempted to go out and plant a Green Cheese apple tree just to see what the fruit could possibly look like. Still possible, of course. While described in an old apple book dating from the late 1800's and ignored since then, somebody in West Virginia has a tree according to the USDA Germplasm Resources Inventory. Hoary Morning, by the way, is still listed in a current English fruit book.

But whatever happened to Father, Grandfather and Grandmother? It is still possible to buy a Mother apple tree, but the rest of the relatives seem to have been lost.

Neverfall, named because it blooms so late that the blossoms never get frosted, seems like a reasonable tree for colder regions. But Neversink? Maybe it was originally raised in a swamp or used for apple bobbing.

Many older apple varieties had sweet or sweeting, codlin, spice, nonsuch, seek-no-further, pippin, pearmain, russet, seedling, golden or reinette added to their names. Sweets or sweetings were valued for their high sugar content--their cider was concentrated and used in place of sugar by many pioneer families. Consequently, although considered of inferior quality many antique sweet apples are still obtainable. But of the many varieties of spice apples listed before the turn of the century--Bailey's, Cumberland, Early, Golden and Musk among others--all trace has been lost.

Pippins and seedlings are, of course, trees raised from seed. Codlins, according to the dictionary, are elongated, tapering cooking apples or hard, unripe apples used for stewing. Beach in Apples of New York explains pearmain as meaning the great pear apple. "A Pearmain, therefore, OUGHT to be a long or pear-shaped apple." Perhaps, Beach was thinking of the round Blue Pearmain when he penned that sentence.

No such consensus is found with the term reinette. Beach in his 1903 book said the term is French, variously described as deriving from the original Reinette franche, or from the diminutive French word for queen, or from the colloquial French word for small frog. An apple named after a frog is not that unusual if you consider the variations of the name Ralls Genet. It was originally June-eating, than Janneting, than Janet. Other variations range from Jeannette to Jenniton. Beach lists 57 synonyms for Ralls Genet, including five spellings for Ralls.

Perhaps, in another 100 years, apple collectors will ponder the changes in the word Jonathan--from Jonathan to Jon-a-late, to Jonadel, to Jonafree, to Jonagram, to Jonagold, to Jonalicious, to Jonamac, to Jonared, to Jongrimes and Jonnee.

NEWSLETTER CONTRIBUTIONS NEEDED

Contributions from members are always welcome in the WTCFA Newsletter. Articles on new varieties, new growing techniques and any especially noteworthy successes or failures are always in demand. Questions on scion wood sources or on varieties or just about anything else will be published in a "help column". Hopefully, at least one reader will be able to respond with the answer.

In addition, the "Good Fruit Doctor" will have a column in each newsletter where he/she answers questions of general interest on fruit growing. Questions will be answered by the best experts we can find.

Contributions to the newsletter should reach the editor 15 days before publication. Questions for the "Good Fruit Doctor" should be sent 30 days before publication. Dates for publication are February 1st, May 15th, August 15th and November 15th. Send material to Nancy Jo Cushman, 9210 131st NE, Lk. Stevens, WA 98258.

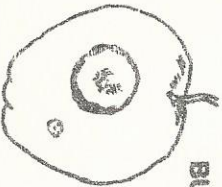
Pests of Apple Fruit Of Bugs & Blights

by
Sharon J. Collman
Washington State University
Cooperative Extension
in King County



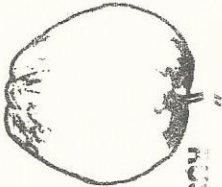
APPLE SCAB*

- fungus lesions with zones
- small to large, roughly circular spots
- cracking occurs in severe infections



BULL'S EYE ROT

- margin darker than surrounding tissue
- brown spongy tissue beneath spot



RUSSETTING*

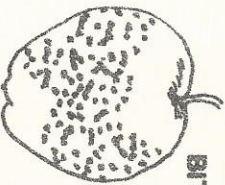
- smooth russetting at calyx end may be due to rust mite



APPLE MAGGOT

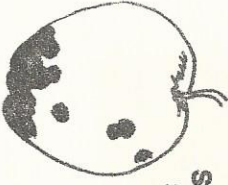


- maggot without a definite head capsule
- shallow mines on apple surface
- "worm" tunnels through fleshy portion, brownish rot follows



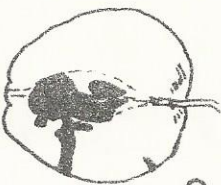
BITTER PIT*

- physiological disorder
- caused by localized calcium deficiency
- pits are only surface deep & don't penetrate fruit
- some varieties more susceptible



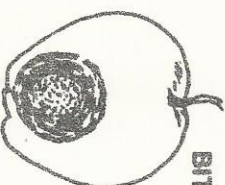
SAN JOSE SCALE*

- gray-white scale in slight depression
- reddish discoloration on skin
- watch for scales on bark of twigs and branches



CODDLING MOTH*

- caterpillar with definite head capsule
- frass on outside of fruit
- "worm" heads for center of fruit



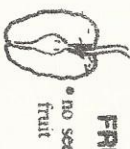
BITTER ROT

- fungus infection



LEAF ROLLERS OF CUTWORMS*

- external injury includes deep holes and/or bumps or craters of callused old injury
- reduces grade



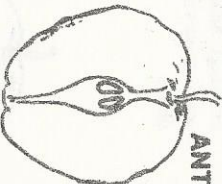
FRUIT DROP

- lack of pollination due to:
 - lack of cross-pollinizer
 - spring frost
 - lack of bees to carry pollen
 - too cold for bees to fly
- no seed inside shrivelled fruit



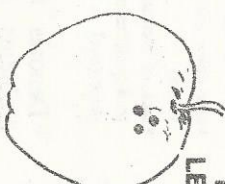
ROSY APPLE APHID*

- small distorted fruit
- accompanying leaves may be curled, distorted or yellow
- confined to fruit spur



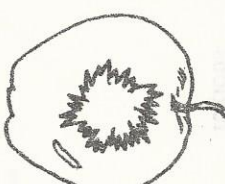
APPLE ANTHRACNOSE*

- small circular light brown areas with spongy brown tissue beneath; slowly enlarge in storage
- small bumps (spores) may form in the center



PANDEMIS LEAF ROLLER

- tiny pinholes
- some webbing may remain



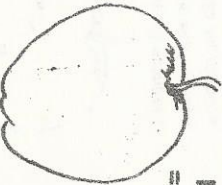
BIRD INJURY

- deep or shallow gouges in fruit
- beak marks often visible



VIRUS or BORON DEFICIENCY

- small fruit with irregular sunken "scars"



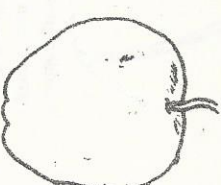
BUCKSKIN = SUNBURN

- bronzed area on young fruit due to too much sun on fruit
- usually on surface which is at right angle to sun
- lowers grade



OYSTERSHELL SCALE

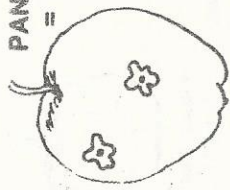
- minor damage to fruit
- reduces grade
- watch for clusters at branch nodes on bark trunk



BRUISED

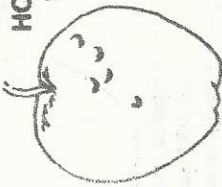
- bruises occur when fruit drops from tree or when packed roughly

PANSY SPOT = THRIPS



- caused by egg puncture of a thrip
- faintly discolored area around egg
- reduces grade

HONEYDEW DROPS



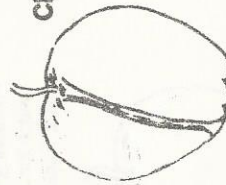
- droplets of sticky honeydew produced by woolly apple aphid or other sucking insects

SMALL SIZE



- small size on an otherwise perfect fruit may be due to lack of water at critical growth phase or need for thinning to one or two apples per spur

CRACKING



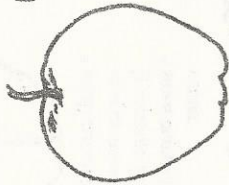
- sudden growth after a period of slow growth that allowed skin to toughen such as sudden abundant water after a long dry spell

RUSSETTING*



- spidery corky tissue
- causes include weather, sprays, powdery mildew (may also cause cracking), honeydew, etc.
- some varieties russet more easily than others

HEALTHY FRUIT



- size color and shape typical for the variety
 - lack of blemishes and perfection of fruit qualifies it for fancy and thus top price (such is the marketplace)
- * Denotes fairly common problems in Washington State. There may be considerable variation in local regions.

Northwestern Washington Research & Extension Unit
 WASHINGTON STATE UNIVERSITY
 1468 Memorial Highway
 Mount Vernon, WA 98273

Tree Fruit Scionwood and Grape Cuttings
 Available Spring 1986

ORDER MUST BE RECEIVED BY JANUARY 20, 1986
 (Minimum Order is \$7.50)

<u>Quantity</u>	<u>Scionwood</u>	<u>Grape Cuttings</u>
1 - 4	\$ 1.50	\$.75
5 - 9	1.25	.65
10 - 20	1.00	.50
20 & Up	.75	.30

<u>Quantity Desired</u>	<u>Scionwood Tree Fruit (10" stick)</u>	<u>Grapes Cuttings (3 buds)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____

Total amount of order _____

25% of total order for postage & handling _____

Tree Fruit Cultivars for Western Washington (EB0937 @ \$.50 ea.) _____

Amount Enclosed (Payment required with order) _____

NAME _____ TELEPHONE () _____

ADDRESS _____

Please make checks payable to NORTHWEST AGRICULTURAL RESEARCH FOUNDATION

Strawwood

<u>Apple</u>	<u>Apple (con't)</u>	<u>Apple (con't)</u>
Akane	Kent	Tompkins King
Ashmead's Kernel	King (Clow)	Wealthy, Red
Baldwin	Laxton's Superb	Westfield Seek-No-Further
Blue Pearmain	Liberty	Whitney Crab
Bramley's Seedling	Lodi	Winston
Brown Russet	Lord Lambourne	Wolf River
Burgundy (NY 161)	Macoun	
Centennial Crab	Magnolia Gold	<u>Cider Apples</u>
Chehalis	• Maigold	
Cherry Cox	• Melon	Anere de Berthcourt
Chestnut Crab	Melrose	Angvile Grise
Cortland	Merton Russet	Bedan
Cox Orange Pippin	Monroe	Bellflower
Davies	• Mott Pink	Brown's Apple
Discovery	Mutsu	Bulmer's Norman
Duchess of Oldenburg	Newtown Spitzenberg	Chisel Jersey
Early Northern Spy	Nova Easygro	Cimitiere
Egremont Russet	Opalescent	Cow Jersey
Empire	Oriole	Dabinett
Fortune	Ortley	Feuillard
Freyberg	• Porter	Geeveston Fanny
Gravenstein	Red Gravenstein	Harry Master's Jersey
Harvey	Red June	Kingston Black
Hawaii	Red Wealthy	Marachel
Hawkins	Rhode Island Greening	Marin Oufroy
Holly	Sinta (CDA 8c-4-5)	Michelin
Holstein	Spartan	Muscat de Berney
Horse Apple	State Fair (Minn 1639)	Muscat de Lense
Hubbardston	Stearns	Peau de Vache
Hudson's Golden Gem	• Summer Rambo	• Pomme Gris
Idared	Summerred	Porter's Perfection
Joangold	Sutton	Reine des Pommes
Jonagold	Sweet Alford	Sweet Coppin
Jonamac	Sweet Sixteen	Tremblott's Bitter

<u>Cider Apples (con't)</u>	<u>Cherries (con't)</u>	<u>Plums (con't)</u>
Vagnon Flocher	Bada	Italian Prune
	Bergie	Early Italian
	Bing	Elephant Heart
<u>Pear</u>	Buttner's Spate Rote	Explorer
	Knorpelkirsche	Frontier
	Corum	Green Gage
• Atlantic Queen	Early Burlat	Laroda
Aurora	Emperor Francis	Methley
Bartlett	English Morello	Mirabelle
Bosc	Hardy Giant	Ozark Premier
Comice	Hudson	Peach Plum
Conference	Kansas Sweet	Pershore (Yellow Egg)
El Dorado	Lambert	Richards Early Italian
Flemish Beauty	Merton Bigarreau	Santa Rosa
• Highland (NY 10274)	Moreau	Satsuma
Magness	North Star	Seneca
Moonglow	Rainier	Shiro
Old Home (Interstem)	Sam	Shropshire Damson
• Orcas	Schatten Morelle	Stanley
Reimer Red	Stella	Superior
Santa Maria	Summit	Sweetheart
Seckel	Ulster	Verity
Sierra	Van	
Sirrine	Vogue	
Surecrop		<u>Apricots</u>
	<u>Plums</u>	Alfred
<u>Oriental Pear</u>	Abundance	Blenril
Chojuro	Beauty	Goldcot
Nijisseiki (20th Century)	Burbank	Harcot
Shinseiki	California Blue	Hargrand
	Date	Harlayne
<u>Cherries</u>	DeMontfort	Harogem
	Earlblue Prune	Katy
Angela	Early Golden	NY 544

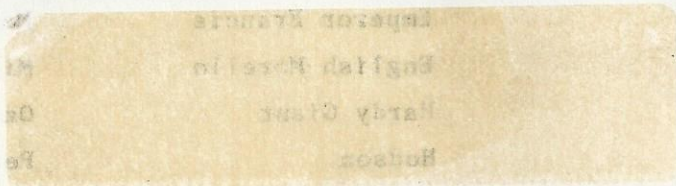
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Festivee

Interlaken Seedless

Leon Millot (Kuh 194-2)

Madeleine Angevine

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Madeleine Sylvaner

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Price

Siegerrebe

Suffolk Red

SV 5247