



rcd 9-30-88

White Doyeene Pear
Jonagored
"Apple Rootstocks & Cultivars," Bulletin 758-OSU
Interstems
English orchard production
Piper Orchard history, map
NW Ad Research Fdn, scionwood order form
WCTFA rootstock orders

WCTFA

NEWSLETTER

FALL 1988

WCTFA CALENDAR FOR 1988

- | | |
|--------------------------|--|
| October 1st Saturday | Fall Orchard Tour at Reisinger's Apple Country and the Strombergs' place in Stanwood |
| October 8th Saturday | Apple Day at Port Orchard Farmers' Market, sponsored by Peninsula Fruit Club chapter |
| October 13th Thursday | Free lecture on using and preserving apples by Master Food Preservers, 10 am to noon and repeated 7 to 9 pm, at WSU/Snohomish County Extension Education Center in south Everett, 338-2400. |
| Oct 14th-16th | HOS All About Fruit Show, Washington County Fairgrounds in Hillsboro, Oregon. |
| October 21st Friday | WCTFA Tour of Mt. Vernon Research Station for a look at apple varieties. 10 am---board meeting in tree house noon---brown bag lunch (bring goodies to share) if weather permits 1 pm---orchard tour |
| November 5th Saturday | Fall Fruit Show at Kitsap Regional Library in Bremerton, sponsored by Peninsula Fruit Club |
| Oct 29th-30th | WCTFA Fall Fruit Show, Jefferson County Fairgrounds in Port Townsend <i>249 apple varieties per LaLonde</i> |
| March 4th Saturday | Spring Meeting and Scion Wood/Rootstock Sale, WSU/Snohomish County Extension Education Center in south Everett |

Fall 1988

FALL ORCHARD TOUR SET FOR OCT 1ST

For the fall tour we'll visit two orchards in the Stanwood area, north of Everett and just off the freeway. In the morning, we'll have a guided tour of Reisinger's Apple Country commercial orchard, 5 acres planted to a dozen or so varieties, and in the afternoon we'll see Don and Pat Stromberg's place; a 2-acre organically grown orchard with apples, pears and oriental pears.

We'll start the tour at Rick and Karen Reisinger's place at 10 am. Bring a sack lunch to eat there after the tour. To get there, take exit 215 off of I-5, go east on 300th St NW for 3 miles, turn right on 15th Av NE, farm is on the left.

Rick has approximately 1300 young apple trees, mostly free standing on M-26 rootstock, with an estimated yield of 2500 boxes this year. There is also a new planting of M-9s on slender spindle. Most of the sales are from the farm. Rick will cover everything from marketing to how he gets 175 pounds of apples from each of his 5-year old Jonagold trees. He also managed to produce apples on 2-year old Gravenstein trees!

While this is a commercial orchard, with the emphasis on quality fruit production, every backyard grower can benefit from Rick's techniques. In addition, we'll see his new deer fence and drip irrigation system. And we'll see some unavoidable problems-- winter damaged Gravenstein trees and a tableful of damaged fruit.

Rick is a former WSU/Cooperative Extension horticultural agent in Snohomish and Skagit county. He is a well known tree fruit expert in western Washington who has spoken to WCTFA and commercial groups many times. This is probably our last chance to visit Rick's place since his farm is up for sale and he has accepted a scholarship to get his doctorate at Cornell University.

In the afternoon, approximately 1:30 pm, we'll tour Don and Pat Stromberg's orchard. To get there, go south on 15th Av NE (turn left from Rick's driveway), this turns west and intersects with Highway 532, go under the freeway to 64th St, turn left 1/4 mile, and turn right onto Highway 530. The Stromberg's place is opposite the parking lot of the Stanwood-Camano Island Fairgrounds. You can park next to the Eagles parking lot, on the other side of the fence.

The Strombergs have 34 varieties of apple trees on an acre of land, most of which they plan to topwork to other varieties since they're not suitable for organic growing, and another acre with a dozen oriental pear varieties and 9 European pear varieties--all organically grown. They're especially proud of their 1 pound apiece oriental pears which they showed at the Tilth "organically grown fair" in Seattle.

This will be a good opportunity to see what you can and cannot grow without spraying in this area. And a chance to learn more about suitable oriental pear varieties, how to get a good fruit set every year and how to thin for maximum fruit size.

Fall 1988

ANOTHER TOUR AT MT. VERNON

Friday, October 21st, WCTFA members will have another chance to tour the WSU/Extension Research Station at Mt. Vernon to look at fall apple varieties. We'll meet at noon for a sack lunch and shared dessert (weather permitting) and tour the orchards at 1 pm.

To get there, take exit 226 (Kincaid St) and follow Route 536 (Memorial Hwy) toward Anacortes. The research station is located on State Route 536 about 3 miles west of Mt. Vernon.

Editor's Note: Dr. Norton has kindly consented to have 3 free tours of the Mt. Vernon research station this summer for WCTFA/HOS members. The tours have been well attended and to show our appreciation a contribution to fruit research at the Northwest Washington Agricultural Research Foundation, Northwestern Washington Research and Extension Center, 1468 Memorial Highway, Mt. Vernon 98273, would be a nice thank you. If everyone contributed \$10 per tour attended, we'd have over \$1000 to add to tree fruit research in western Washington.

TIDBITS FROM THE CORE

Michael Eames, a member of WCTFA, is interested in purchasing apples and oriental pears. Quantities can be fairly small to quite large. Unusual varieties are especially desired. Michael needs to plan well in advance of this fall's crop, so those wishing to sell fruit should contact Michael as soon as possible, 827-9211.

The B.C. Fruit Testers Association is a new organization set up in Canada to assimilate and distribute knowledge and scion wood to members on all fruits and nuts in Canada. For further information contact the association at 9181 Basswood Road, Sidney, B. C. V8L 3W8.

Dave Johnson, WCTFA member, is interested in obtaining employment as an orchard, vineyard or botanical park manager. For more information, contact Dave at PO Box 1586, Milton 98354; 922-7224. Dave also welcomes visitors at his place in Milton to sample his grape collection.

Want to become more involved in WCTFA? Attend the next board meeting, Oct. 21st, 10 am, at the Mt. Vernon research station. Volunteer to start a new chapter of WCTFA in your area. Contact John Parker, 60 Tala Shore Dr., Port Ludlow 98364; 437-2313.

For sale cheap, 1/2 Siamese cat great at pussy-footing through computer keyboard. Managed to delete 4 pages of newsletter, which had to be retyped. Contact WCTFA newsletter editor, 9210 131st NE, Lk. Stevens 98258. Guaranteed computer trained, although only 1/2 potty trained (refuses to go outside in nasty weather).

Over worked, under paid newsletter editor is always looking for news article contributions. Please submit articles to Nancy Jo Cushman, 9210 131st NE, Lk. Stevens 98258. If possible, articles should be typed on white paper, 7 1/4 inches wide. Please be aware this newsletter is printed on a WSU/Extension mimeograph which will not print articles containing pesticide information not authorized by WSU/Extension. Thanks to the Snohomish County Master Gardeners and my kids who often end up collating and addressing the 450 plus newsletters each quarter.

Moving? Dues owed? If you're planning to move, please submit change of address to Dave Battey, 40404 SE 70th Dr, Snoqualmie 98065; 888-2504. The newsletter is sent by bulk mail and is not forwardable. Has your membership expired? Check your address label on the newsletter. Dues of \$10 a year are payable to WCTFA, Walt Lyon, 19717 80th NE, Bothell 98011.

WHITE DOYENNE PEAR

by Ed Lewis

This pear may be the oldest variety grown today. It is thought to have originated with the Romans as *Sementinum*. Agostino Gallo in 1559 called it *Pera Ghiacciuola*. In 1660 it was described as *Poire de Neige*. The accepted name, *Ghiacciuola Saint-Michel*, was applied to this pear in France during the sixteenth century and part of the seventeenth. In 1628 the name was changed to *Giaccole de Rome*. English pomologists listed this pear under various names, with *Poire Doyenne* and *White Doyenne* most generally used. In the United States this pear was generally known as *White Doyenne*, the name accepted by the American Pomological Society.

This pear is said to be the most delectable of all pears, although rarely grown because of its small size and susceptibility to scab. The trees prefer a rich clay and a rather heavy soil. A complete description of the fruit is in the book, *Pears of New York*, printed in 1921.

It is interesting to note that a nursery advertisement printed in the Oregon Territory in 1854 listed 28 varieties of apples and 13 varieties of pears and 7 varieties of cherries. Bartlett, Seckel and *White Doyenne* were in the trade here in the west at Cowlitz Landing.

EDITOR'S NOTE: Ed Lewis (454-3615) obtained scions of the *White Doyenne* pear at the WCTFA spring meeting and is anxious to know of their source and to communicate with the grower.

TIME TO CONSIDER ROOTSTOCK ORDERS

Walt Lyon, rootstock orderer, would like to know what pear, apple, and stone fruit rootstock members want to try for spring grafting. Please let Walt know as soon as possible what you want and how many. This is not a firm order, just an indication of what members are interested



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1988 WCTFA OFFICES AND BOARD OF DIRECTORS

- John Parker, President (NOFC President)
60 Tala Shore Dr, Port Ludlow 98365; 437-2313
- John Davey, Vice President (1989)
3519 SW 171st St, Seattle 98166; 246-6144
- Paul Donaldson, Secretary (1989)
916 NW 122nd, Seattle 98177; 364-0161
- Walt Lyon, Treasurer (1990)
19717 80th NE, Bothell 98011; 483-5574
- Nancy Jo Cushman, Newspaper Editor (not a board member)
9210 131st NE, Lk. Stevens 98258; 659-6087
- Dave Battey, Historian (not a board member)
40404 SE 70th Dr, Snoqualmie 98065; 888-2504
- Dr. Robert Bordeau (1990)
15211 Wash. Av NE, Bainbridge Is. 98110; 842-4865
- Kristan Johnson (San Juan Island President)
2308 N 59th St, Seattle 98103; 522-3663
- Robert Kuper (Tahoma Chapter President)
28316 80th AV E, Graham 98338; 847-7213
- Ben LaLonde (1990)
491 Lotzgessel Rd, Sequim 98382; 683-4055
- Emory Leland (1989--replaces Gene Lewis who
resigned--Seattle Tree Fruit Society President)
7014 29th Av NE, Seattle 98115; 523-6363
- Ed Lewis (1991)
9615 NE 14th, Bellevue 98004; 454-3615
- Don McDonald (Kitsap Chapter President)
1213 SE Lider Rd, Port Orchard 98366; 876-8785
- Pat Rothenberg (1991)
744 Wallin, Bremerton 98310; 377-0652
- Ron Schaevitz (Piper Orchard Chapter President)
1227 NW 117th St, Seattle 98177; 362-1227
- Dick Tilbury (1991)
4916 52nd Av S, Seattle 98118; 723-9009

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JONAGORED FAVORITE IN EUROPE

by L. D. Tukey

PennState Horticultural Reviews

Jonagored, a red mutation of the Jonagold apple cultivar, is attracting much attention in Europe. This single tree mutant was seen in Belgium in 1981 by Jos and Rose Morren who operate a nursery. Since then 400,000 trees have been sold, mainly in Belgium, Holland and northern Germany. Anticipated sales this autumn are about 80,000; approximately 2.5 million in production are under license to nurseries in Europe and England.

Jonagored trees appear to be more productive, bearing annually, than Jonagold. Fruits are juicy, have uniform fruit quality, store well and have an attractive red color even in shaded parts of the tree. Crop maturity is earlier, about 90% can be harvested in the first picking and the remainder usually 8-10 days later. In Belgium, this occurs before October 15th.

Jonagold, on the other hand, requires about 4 pickings to get adequate fruit coloring, but this can produce over-ripe fruit. (The Fruit Grower, UK, March 1988.)

NEW PUBLICATION AVAILABLE

by L. D. Tukey

PennState Horticultural Reviews

Apple Rootstocks and Cultivars is a new publication from Ohio State University, prepared by R. C. Funt and M. A. Ellis, Cooperative Extension Service. Bulletin #758 provides useful information on apple cultivars and strains: description, colored plates, and harvest dates; and rootstocks: description, tree size control, tree spacing, and disease susceptibility.

A copy can be purchased for \$5.50 plus 65 cents for postage and handling. Requests should be directed to Publications Office, Cooperative Extension Service, Kottman Hall, Ohio State University, Columbus, Oh 43210.

EFFECTS OF INTERSTEMS STUDIED

by L. D. Tukey

PennState Horticultural Reviews

An interstock may or may not transmit its dwarfing effect to the scion. The cherry rootstock clone 15 (FB2/58) was found to transmit its growth suppression to the scion only when lateral shoots were allowed to develop on the interstock, according to O. P. Jones and J. D. Quinlan at the East Malling Research Station. As a rootstock, clone 15 produces a large fast-growing tree, but as a scion, it grows slowly. Apparently, growth suppression appeared to be related to endogenous growth substances produced by and translocated from the interstock only when lateral growth was retained (J. Hort. Sci. 56[31]:237-238.). Normally, all growth is removed from the interstock.

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Renewed interest in interstocks for other than dwarfing purposes comes from observations in Europe that certain scion cultivars as an interstock caused an increase in fruit size. Tree size control has not appeared to be affected. Thus, modifications to scion growth other than dwarfing are suggestive by incorporating into the stionic system a suitable third cultivar. Altering the levels and balance among growth substances in the scion appears possible without the need for exogenous growth regulators.

Of special interest in this regard is the discovery that the apple cultivar Compact Mac (Wijcik) is naturally low in gibberellins and high in cytokinins (Looney and Lane, *Acta Hort.* 146:31-46. 1984.). When used as an interstock with or without foliage, the cultivar may enhance the cytokinin level in the scion, stimulating lateral branching and spurring. Wijcik appears to be genetically stable.

Other genetic materials should be studied as well for interstock potentials with or without foliage retention for the regulation of scion growth and fruit development. Such research would have special significance in intensive production systems.

ORCHARD ACREAGE IN ENGLAND

L. D. Tukey

PennState Horticultural Reviews

Commercial orchard acreage in England and Wales in 1986 was nearly 9800 acres less than in 1982, according to a government orchard census made in March 1987. Apple acreage dropped about 10% with dessert slightly less and cooking apples slightly more than this average. Pear acreage was down about 8%, and plums and cherry acreage each 26.5%.

About 56% of Queen Cox acreage was planted in the last 5 years, whereas only 10% of Cox's Orange Pippin. The majority of Queen Cox was at a plant density ranging from 160 to 325 trees/acre. Only 10% was above 650 trees/acre.

The leading apple cultivars in terms of production and acreage were Cox's Orange Pippin, Queen Cox and other Cox clones, Discovery, Spartan, Golden Delicious, Worcester, Egremont, and Katy. Other important cultivars were Conference for pears and Victoria for plums. (*Grower, UK*, 109[11]:7. 1988.

SHOW EXHIBITORS & WORKERS NEEDED

by Emory Leland

The 1988 fruit show will be at the Jefferson County Fairgrounds in Port Townsend, October 29th and 30th. Times are 10 am to 5 pm on Saturday, 10 am to 4 pm on Sunday. Since we have to pay for the use of the fairgrounds, there will be a \$2 admission charge, good for both days. Workers, exhibitors and speakers will be admitted free.

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Commercial booth space will be available for \$50 for the show. Exhibits must be relevant to fruit growing. Educational booths will not be charged, but will be required to have a \$50 deposit, refundable at the end of the show. For more information, contact Dr. Bordeau, 15211 Washington Av NE, Bainbridge Island 98110; 842-4865.

A Chamber of Commerce brochure with a map of Port Townsend and a list of overnight accommodations is included with the newsletter. There is also plenty of space available at the fairgrounds. Camper hookups are \$6 a night, camp space is \$4 a night.

WCTFA members and friends are needed to set up the show starting at 8 am Friday, October 28th, at the fairgrounds. We'll need lots of bodies to move, set up and trim tables, etc.

Bring your fruit in Friday, October 28th--no fruit will be accepted after Friday. You will receive a fruit list form in this newsletter. Please use this form and list the name of each fruit variety (apple, pear, etc.) you plan to exhibit. Return your completed form to Show Chairman, Emory Leland, 7014 29th Av NE, Seattle 98115, as soon as possible and no later than September 30th. The show committee needs this information in order to plan for display tables and space.

On October 28th, bring each variety of fruit (4 or 5 of each) in a paper bag with your name on the outside of the bag. Place the variety name on a slip of paper in each bag. If a variety of fruit is not described in Apple Cultivars for Puget Sound or Tree Fruit Cultivars for Western Washington Homes and Orchards, please provide the following information:

1. variety name (check spelling and print clearly)
2. harvest date
3. how long keeps
4. taste
5. uses
6. additional comments

The above information is needed only for varieties not listed in Dr. Norton's two bulletins.

Please help us to handle your fruit and that of other growers by following these instructions. It will take a long time to handle and place over 400 varieties of fruit we expect to have at the show.

We will use extra fruit not needed for display for cider pressing. Varieties by the same grower will be placed together, where possible, so you will be able to discuss your varieties with the public.

If you can help set up on Friday, just come as early as possible, or notify John Parker, 437-2313 at Port Ludlow. Your help is urgently needed to set up and make this show the biggest "fruit fair" in the Puget Sound region. We will also need your help to take down the show on Sunday evening. Many hands make the work easier.

THE PIPER ORCHARD STORY

The orchard was planted almost a century ago by Andrew W. Piper, who had moved to Seattle in 1874. He was a baker by profession, also a city council member, a political cartoonist, and a candidate for mayor. A. W. Piper purchased the orchard property soon after the Seattle Fire of 1889. This fire burned down his bakery which was located in the building that originally was Doc Maynard's famous saloon. The local Piper house was on the site of the private residence that looks down on the orchard. Land for Carkeek Park was acquired from the Piper family heirs.

Clearing away the forest overgrowth hiding the orchard began in 1983 by volunteers from both the local community and a society of tree fruit growers. The Adopt-a-Park office of the Seattle Department of Parks and Recreation encouraged the work as the volunteers removed alder and maple trees and tree-high blackberry brush. The Parks Department hauled away the piles of cuttings, mowed the remaining nettles and blackberry vines, and cleared and seeded the ground with grass.

Thirty-two surviving fruit trees were discovered on the one-and one-half acres cleared of overgrowth. Most are apple trees and are varieties that were available in 1890. Included are Wealthy, King, Gravenstein, Dutch Mignone, Red Astrachan, Rhode Island Greening, Bietigheimer, and Esopus Spitzenberg. A few apple trees are to be identified when their mature fruit becomes available. There are also several pear, cherry, and chestnut trees. A tree-planting grid of twenty-foot squares was apparent from the locations of the surviving trees (see map on back).

A nursery of trees to replace those which did not survive has been planted. The varieties chosen are from a list of fruit trees popular at the turn of the century. These trees will be introduced into the orchard in 1989 and 1990.

Most of the volunteers working on the orchard are members of the Piper Orchard Chapter of the Western Cascade Tree Fruit Association. This society, composed of home orchard enthusiasts, has a program of educational events and research support.

Work parties of the Piper Orchard Chapter meet at the orchard on the third Saturday of every month except July, August, and December. Some Chapter members are experienced orchardists who instruct in pruning, grafting, and other tree-care skills during the work parties. Other members are edible landscape designers and are directing the choice and placement of the shrubs and bushes being planted along the borders of the orchard.

The apples and other fruit produced by the orchard are available to park visitors. An appropriate guideline is: TAKE SOME, LEAVE SOME.

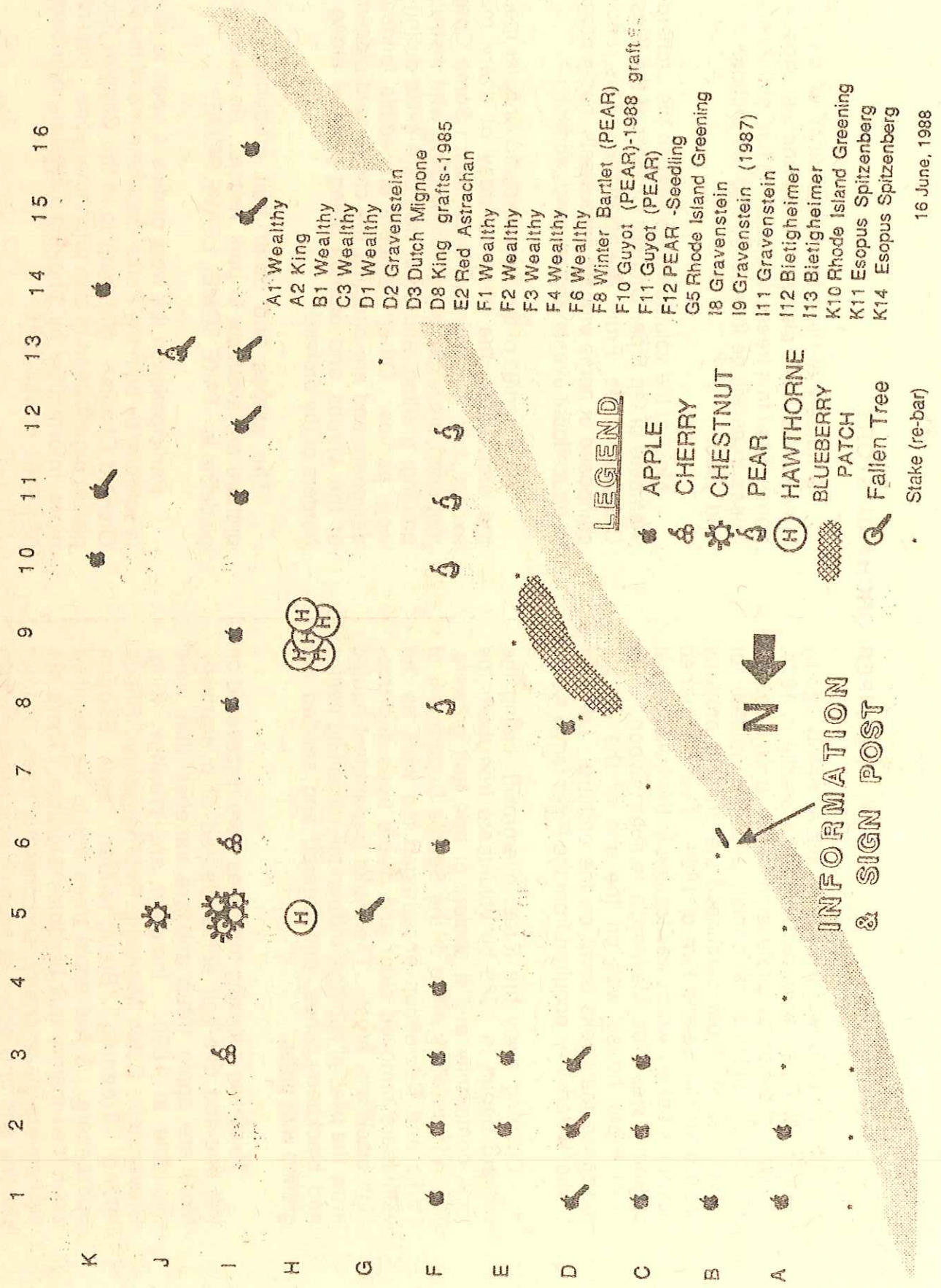
Participation in the work parties is open to all and is solicited by both the Parks Department and the Piper Orchard Chapter. Membership in the Chapter and its parent organization is also open to anyone. Inquire for more information by phoning Chapter members at 364-0161 or 454-3615.

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19 August 1988

Fall 1988

PIPER ORCHARD



- A1 Wealthy
- A2 King
- B1 Wealthy
- C3 Wealthy
- D1 Wealthy
- D2 Gravenstein
- D3 Dutch Mignone
- D8 King grafts-1985
- E2 Red Astrachan
- F1 Wealthy
- F2 Wealthy
- F3 Wealthy
- F4 Wealthy
- F6 Wealthy
- F8 Winter Bartlet (PEAR)
- F10 Guyot (PEAR)-1988 graft
- F11 Guyot (PEAR)
- F12 PEAR -Seedling
- G5 Rhode Island Greening
- I8 Gravenstein
- I9 Gravenstein (1987)
- I11 Gravenstein
- I12 Bietigheimer
- I13 Bietigheimer
- K10 Rhode Island Greening
- K11 Escopus Spitzenberg
- K14 Escopus Spitzenberg

LEGEND

- APPLE
- CHERRY
- CHESTNUT
- PEAR
- HAWTHORNE
- BLUEBERRY PATCH
- Fallen Tree
- Stake (re-bar)

16 June, 1988

Fall 1988

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

Tree Fruit Scionwood
Available Spring 1989

ORDER MUST BE RECEIVED BY JANUARY 20, 1989
(Minimum Order is \$7.50)

| Quantity | Scionwood |
|----------|-----------|
| 1 - 4 | \$ 1.50 |
| 5 - 9 | 1.25 |
| 10 - 20 | 1.00 |
| 20 & Up | .75 |

| Quantity Desired | Scionwood Tree Fruit (10" stick) |
|---------------------|--|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Please list substitutions (if first choice not available).

Total amount of order _____

25% of total order for postage & handling _____

Research contribution (optional - see attached) _____

Amount Enclosed (payment required with order) _____

NAME _____ TELEPHONE () _____

ADDRESS _____

Please make checks payable to NORTHWEST AGRICULTURAL RESEARCH FOUNDATION

* Though there are no observable symptoms of virus in any of this plant material, we make no guarantees of freedom from virus or any other disease.

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Scionwood List 1988/1989

APPLE

Akane
Ashmead's Kernel
Baldwin
Benham
Bramley's Seedling
Centennial Crab
Chehalis
Chestnut Crab
Cornish Gilliflower
Cox's Orange Pippin
Davies
Discovery
Early Northern Spy
Egremont Russet
Fortune
Freyberg
Golden Noble
Gravenstein
Harvey
Hawkins
Holstein
Horse Apple
Hubbardston
Jonagold
Jonamac
Liberty
Lord Lamborne
Melon
Melrose
Mott Pink
Mutsu
Newtown Spitzenberg
Opalescent
Ortley
Porter
Red Gravenstein
Rhode Island Greening
Sinta
Spartan
State Fair
Stearns
Summerred
Westfield-Seek-No-
Further
Winterstein

CIDER APPLE

Anere de Berthcourt
Bellflower
Brown's Apple
Bulmer's Norman
Chisel Jersey
Cow Jersey
Geeveston Fanny
Harry Master's Jersey
Marachel
Merton Russet
Michelin
Muscat de Berney
Peau de Vache
Pomme Gris
Porter's Perfection
Reine des Pommes
Sweet Alford
Sweet Coppin
Vagnon Flocher

PEAR

Atlantic Queen
Bennett
Bosc
Comice
Conference
Flemish Beauty
Highland
Orcas
Rescue
Santa Maria
Seckel
Sierra
Surecrop

ORIENTAL PEAR

Chojuro
Hosui
Nijisseiki (20 Century)
Seuri
Shinko
Shinseiho
Shinseiki

ORIENTAL PEAR (Cont'd)

Yakumo
Kosui
Niitaka

CHERRY

Angela
Bada
Bing
Buttner's Spate Rote
Knorpelkirsche
Corum
Early Burlat
Emperor Francis
English Morello
Hardy Giant
Hudson
Kansas Sweet
Kristin
Lambert
Lapins
Moreau
North Star
Rainier
Sam
Schatten Morelle
Stella
Ulster
Van
Vogue

PLUM

Beauty
Early Golden
Early Italian
Explorer
Frontier
Green Gage
Laroda
Methley
Mirabelle
Oullins
Santa Rosa
Seneca

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SUPPORT TREE FRUIT RESEARCH

We Need Your Help

The tree fruit research program at Washington State University's Northwestern Washington Research and Extension Center in Mount Vernon has been underway since 1963. At that time, retail nurseries carried only 'Yellow Transparent', 'Gravenstein', and 'King' as the primary apple varieties (cultivars), plus many others that generally are not well adapted to our cool coastal weather conditions (such as 'Red Delicious', 'Rome Beauty' and 'Winesap'). Similarly, many varieties of pears, peaches, plums, cherries, and apricots were offered to the public which, when grown here, didn't match the beautiful pictures or the glowing descriptions in the catalogs.

Today, one can find in many local nurseries an entirely new group of apple varieties tested specifically for our local conditions - varieties like 'Akane', 'Summerred', 'Chehalis', 'Spartan', 'Jonagold', 'Melrose', 'Mutsu' and others. Each could tell its own story about its "roots" in places like England, Japan, New York or even Chehalis, Washington. Each of these are here in large measure because of the testing program at Washington State University's Northwestern Washington Research and Extension Center in Mount Vernon. Additional credit should go to the nurserymen who took these unknown (to us) varieties, propagated them, promoted them and, in some cases, burned the ones that didn't sell.

We think the same success story is in store for other tree fruits and even grapes. Here are some possibilities:

- Varieties resistant to scab and mildew (apple), leaf curl (peach), and cracking (cherries and plums).
- Varieties that don't need a pollinizer (self fruitful).
- Varieties that can be grown in a small lot or even in a pot on the patio.
- Grapes for table, juice or wine that will consistently mature here.

This research program, over the past 24 years, has been conducted on an extremely small budget. State funds have supported salaries, but we depend on grants and donations for hourly help and supplies.

If we are to continue this program, we must have the support from those who benefit most directly from this program. Virtually all of the money received from your contributions is used to pay for assistance in record keeping, pruning, thinning and harvesting our more than 300 varieties on trial.

How can you help? Gifts and grants for any amount can be designated specifically for this program or any aspect of it. Please make out contributions to 'Northwest Washington Agricultural Research Foundation' and send to Dr. Robert A. Norton, Northwestern Washington Research and Extension Center, 1468 Memorial Highway, Mount Vernon, Washington 98273

WESTERN CASCADE TREE FRUIT ASSOCIATION
9210 131st N.E.
Lake Stevens, WA 98258

Bulk Rate
U.S. POSTAGE PAID
Marysville, WA 98270
Permit No. 16



Address Correction Requested

DEC88
DICK & MARILYN
TILBURY
4916 52ND AVE S WA 98118
SEATTLE

PLUM (Cont'd)

Shiro
Shropshire Damson
Simka
Stanley
Valor
Verity

APRICOTS

Alfred
Blenril
Goldcot
Goldrich
Harcot
Hargrand
Perfection
Puget Gold
Rival
Sunglo
Tilton
Veecot

* Grape research at Mount Vernon has been discontinued following the 1987 season. No cuttings will be available in the future.