



Western Washington Fruit Research Foundation Newsletter

February 2008

Mission: WWFRF exists to advance fruit horticultural programs for our unique Western Washington maritime climate through advocacy, research, education, and demonstration for the benefit of the general public and the small farmer.

President's Message By Kristan Johnson, WWFRF President

Hello everyone!

Extra! Extra! Late breaking news! Matching funds of up to \$27,000 will be donated for the Display Garden. Read all about it on page 5.

As we bring in a New Year of projects and look back on our past year's accomplishments, I find myself reflecting over how much WWFRF is changing. When I first joined many years ago, things seemed pretty straight forward: we raised money through memberships which were "sold" as opportunities to rush around picking and packing the trunk of your car with fruit on Harvest Days for \$15.00. The Dues helped pay for research, but most of the trials were funded from other sources.

WWFRF and its members benefited from gleaning the fruit off of these trees that were being researched. As those trials ended and other sources for funds diminished, so did the trees, and this year Gary will have to remove most of the remaining apple and pear blocks. Luckily we had the foresight and providence to establish a 7 acre Fruit Display Garden on site, and move the "best of the best" of the fruit trees into it, so that we can keep on Sampling The Harvest!

Also, we have established a Pickers Protocol so that we can slow down and actually learn about and taste the fruit we're selecting on our Sample the Harvest Days, making sure everyone gets to taste each newly researched discovery. Many folks now bring bags to individually identify their favorite varieties, looking forward to figuring out if that elusive scion wood will be available at our winter Open House on March 8. If available, they can purchase and graft it onto their favorite rootstock right at the event!

Seeing the broad grin on Britta Johnson's face at the WWFRF Espalier Symposium in October reminds me of an article I read recently in the New York Times about the research being done at the Geneva Station in New York. It mentioned that they had just hired 4 new researchers to test for flavor, to be able to do some hybridizing specifically for that characteristic. What is so astounding is the statement that "Dr. Beaudry is using this survey to understand the apple's full potential for flavor. To date there hasn't been much selective breeding for quality".



photo by Scott Terrell

Britta Johnson has her hands full at the WWFRF Espalier Symposium

The article mentioned a variety of flavors that were noticed in apples “Some tasted hauntingly of roses, anise or fennel. There were aromas of all kinds. Flowers and spices and nuts, including coconut. Lots of other fruits: orange peel and lemon, strawberry, pineapple, green banana. Rhubarb. Occasionally, popcorn, and potatoes, tomatoes, butter, broccoli and children's crayons.” Here at the Mt. Vernon Station, we've been focusing on selecting for flavor as one of our primary focuses since the program's inception 40 years ago.

This past year we celebrated the opening of the new NWREC facility, and welcomed some new PHD researchers, including Dr. Carol Miles. Dr. Miles is overseeing the Fruit Tree Research program and Gary Moulton reports to her. Jacky King is being shared between different programs, including the Fruit Tree Research program. Dr. Miles is helping reestablish funds from other sources to help sustain the Fruit Tree Research program, and through her efforts we are now funding the initial year of an Anthracnose study, bringing in a PHD from WSU-Pullman to do the research.

Tom Thorton helped Sam and myself set up a Fruit Research Advisory Board, made up of 5 user groups, to establish a 5 year plan for Fruit Research to determine how much funding will be needed to sustain it each year. Dr. Miles, Gary Moulton, Jacky King, Sam Benowitz, and myself have been very involved in these meetings. I feel hopeful that we are addressing the immediate and long term needs of the Fruit Tree Research program, although we are still seeking a Fruit Display Garden Manager and Volunteer Coordinator. If you know of someone who loves to garden with fruit trees, learn and teach with other eager volunteers, or is organized enough to let folks know what needs to done (gleaned each week from the existing Fruit Display Garden work calendar), then please don't hesitate to send them our way (please contact De Arbogast 360-387-7498, arbogast@fidalgo.net).

As I write the closing to this message, I am reminded of how special our Fruit Tree Research program is, and that it is directly supported by you, a group of regular folks with an interest in discovering and growing high quality fruit, each of whom shares a smile like Britta when sampling the harvest! Please join our Board, or volunteer, and help our dreams come to fruition!

Kristan Johnson

Anthracnose Trials

Anthracnose canker is a common canker disease of apple trees grown in the high-rainfall apple-growing areas west of the Cascade Mountains in the U.S. Pacific Northwest. The fungus also causes bull's eye rot on apple fruit in storage. Recent studies have indicated that there are several species of *Neofabraea* (anthracnose) responsible for bull's eye rot of apples but it is not known whether the increasing anthracnose infestation currently in the Puget sound bioregion is a different species than what has been previously documented as causing apple canker. WSU will be conducting a research project in order to better understand anthracnose and to discover their sensitivity to various fungicides. WWFRF approved a \$3000 donation to pay for phase one of the project, which is the initial gathering of samples of the current infestations. Other groups will be contributing towards the \$3000.

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2008 Calendar of Events



March 8 (Sat)

Winter Open House 9:00-2:30

Steve Johnson: Pruning / Panel discussion: Rootstocks

Don McMoran: Apple maggot / Bill Davis: Grafting

Learn pruning, grafting, budding / scion-wood & rootstock sales

Hands on Pruning in the Fruit Display Garden 1:00

July 12 (Sat)

Sample Harvest: Cherries 11:00

August 9 (Sat)

Sample Harvest: Peaches, Plums 11:00

September 6 (Sat)

Sample Harvest: Asian Pears, Apples 11:00

October 11 (Sat)

Fall Open House 9:00-2:00

Apple ID!! Professional w/ graduates of Systematic Pomology

Anthracnose report: Chang-Lin Xiao Tree Fruit Research WSU

Soil Fertility: Darin Heiland

Sample The Harvest Day: Apples, Pears 1:00

Visit our 7-acre **Fruit Display Garden** exhibiting espaliers, antique apples, rootstock comparisons, and many of the best fruit varieties for Western Washington!

LOCATION: *Events held at Washington State University,
Northwest Washington Research and Extension Center, 16650 State Route 536, Mount Vernon, WA.*

Always check the website before attending Sample Harvest days to make sure the harvest is proceeding as scheduled!

MORE INFO AT: <http://www.wwfrf.org>

Fruit Display Garden Progress Report

by De Arbogast, Board Member, WWFRF Fruit Display Garden Committee Chair, Webmaster

Despite our codling moth problem, the 2007 season was very successful. On a weekly basis, we collected and disposed of all moth-infected fruit in an attempt to control the infestation. No toxic sprays were applied. Data was taken to identify apple varieties most susceptible to CM damage.

We also have an ongoing problem with Anthracnose. Torching and removal of cankers has had limited success. WSU Tree Fruit Research Center in Wenatchee is collecting Anthracnose samples throughout Western Washington in an attempt to identify the exact strain of Anthracnose. WWFRF has donated \$3000 to this effort.

Our 16 varieties of cherries produced well, with no signs of disease. Peach-leaf curl hit us hard, but the trees recovered on their own. Apricot production was slim. Our pears were outstanding!

My recent tour of Northern Italy orchards convinced me that we should try the 'slender spindle' method of tree training. WSU now has a selection of 'columnar' apple trees in their nursery. These trials should prove interesting.

Our Display Garden is now ten years old. We have lost only 3 trees out of 232. We hope to qualify as an organic demonstration orchard under the new WSU BIOag program. With additional funding, we may be able to hire a full-time volunteer coordinator to manage this unique Garden.

Many thanks to our volunteers and long-time supporting members.
De Arbogast

Fruit Advisory Board Formed

In response to requests that we address the interest of various user groups that support the Tree Fruit Research, we have created a direct link to the research selection process. This is also an opportunity to develop a long term (5 year) strategy for the trials and their funding.

Mount Vernon Northwestern Washington Research and Extension Center

Purpose: To create an Advisory Board to help determine what trials should be performed. Consisting of 7 members, each representing one of the following groups:

1. Wholesale Nursery Fruit Tree growers
2. Retail Nursery Fruit Tree growers
3. Backyard Fruit Tree growers WWFRF - Western Washington Fruit Research Foundation
4. Backyard Fruit Tree growers WCFS - Western Cascade Fruit Society
5. Commercial Fruit Tree growers (two members)
6. Commercial Landscapers/Nurseries WSNLA - Washington State Nursery & Landscape Association

Goal: To develop a 5 year plan for Tree Fruit research.

Committee Responsibility:

- To provide leadership and direction in research trials.
- Access existing trials and plantings for use in future projects.
- Identify research priorities.
- Work with NWREC research staff on research proposals.
- Work with NWREC personnel to identify practical annual funding requirements for research projects.

Fruit Display Garden Support

The Fruit Display Garden is an important project that needs additional support from people passionate about growing fruits and berries. Like the rest of the nation, we are facing many environmental challenges here in Western Washington, as agricultural land is being subdivided and lost to farming. For decades, WWFRF has been supporting an important program that is working towards preserving fruit growing and farmland in our region, and we now need your help.

As you may know, hundreds of the best fruit varieties available to local gardeners were proven at trials at the Washington State University, (WSU) Mt. Vernon Station. The trials also concentrate on finding high value niche market fruits that small scale commercial farmers can profitably grow. Since farmland is becoming so much more expensive, these highly profitable crops are making it possible for farmers keep their farms. Cider apples and wine grapes are examples of farm based industries which are becoming successful because of the WWFRF programs. In addition to fruit variety trials, WWFRF operates the 7 acre Fruit Display Garden at the WSU Mt. Vernon station.

The best varieties from the field trials are planted in the Display Garden, and these along with the best growing techniques are demonstrated to the public. **The Fruit Display Garden is poised to become a model of what gardeners can do at home, and of what is possible for commercial interests willing to incorporate ecological**

edible landscaping into new sub-divisions. With your support, this potential educational show place can come to fruition!

To keep the Fruit Display Garden going and manage the dozens of eager volunteers, WWFRF needs to hire an Educational Director/ Volunteer coordinator. We need to raise \$55,000 to fund the position and provide operating expenses.

A matching funds donation has been made! All funds donated toward the Display Garden by November, 2008 will be matched up to \$27,000. This means that we only need about \$25,000 in new donations to reach our goal because since Christmas we have already received a total of \$2000 in donations towards the Display Garden which will be matched. Thank you to those who already donated!

If you would like to play a sustaining role in these efforts then please send a substantial contribution to: Walter Kropp, WWFRF Treasurer; 29838 Marine View Dr. SW; Federal Way WA. 98023-3422. **Every dollar you donate will be doubled**, but in order to receive the matching funds, we need to raise the money for matching so please respond quickly because we need to have a large amount donated by March.

Thank you for your past support and for joining us in this new challenge.

Sam Benowitz
WWFRF Vice President

Credit cards now accepted!

Western Washington Fruit Research Foundation has teamed with Network for Good, an organization assisting non-profit organizations and charities with fundraising. Through Network for Good, charge cards can now be accepted for dues and donation payments. Here's how to donate:

- 1) Go to www.networkforgood.org (we will soon have a direct link on our website to Network for Good.)
- 2) On the first screen, type 'Western Washington Fruit Research Foundation' in the box labeled 'charity'
- 3) On the second screen click 'donate now'
- 4) On the third screen, type in the amount you wish to give and specify whether this is a one-time or recurring donation. Also, in the box labeled 'designation', please specify whether you are paying membership dues or giving a donation, or giving a donation specified for the demonstration garden.
- 5) The fourth screen gives you the option to change the information you have given. Click 'proceed to checkout'.
- 6) Subsequent screens ask you for your email address, credit card information and other relevant data. You also have the option to add an additional 4.75% of your donation to your total to cover the amount we pay Network for Good for processing.
- 7) You will receive an acknowledgement of your donation by email.

PLEASE SEND YOUR DONATION ALONG WITH THIS FORM September, 2007

Enclosed is my gift of:

☐\$5000 ☐\$1000 ☐\$500 ☐\$100 ☐\$50 ☐\$25 \$_____ (Make check payable to WWFRF)

To make a donation by credit card go to: <http://www.networkforgood.org/> and type in "Western Washington Fruit Research Foundation" in the box labeled "charity".

Please designate my monetary gift toward:

- ☐ Where it is needed most!
- ☐ Fruit Display Garden
- ☐ Fruit Variety Trials
- ☐ Sampling and Field Days

I would like to volunteer!

- ☐ In the Display Garden
- ☐ On a WWFRF committee
- ☐ On sampling and field days
- ☐ Tell me how I can help

Name _____
Address _____
City _____ State _____ Zip _____
Email address _____ Phone # _____

Please make my gift: ☐ In Honor of: ☐ In Memory of:

(Name of person) _____

Address of person or person's family _____

(So we can notify them) _____

Thank you.. Please send to: Walter Kropp
 WWFRF Treasurer
 29838 Marine View Dr. SW
 Federal Way, WA 98023

Your gift is tax-deductible to the fullest extent allowed by law. Please consult your tax accountant for details.

Flower Show Openings

Hey everyone, this is just in! We still have a few openings for sharing your good will with others at our "WWFRF Fruit-booth" at this year's Northwest Flower & Garden Show! If you've never helped with this, you're missing a great time!

Here's what goes on: 1) you get free admission to the show that day worth about \$20.00. 2) you get to share the booth with new and old fellow fruit aficionados as we share the big double booth with the Seattle Tree Fruit Society. The opportunities are 3 time slots 9-1 / 1-5 / 5-9 Wednesday through Sunday. Many are already filled, so email or call me ASAP to get the remaining slots! fruitgarden@olympus.net or call 206-522-3663.

Thanks,
Kristan

WWFRF Financial Report: 1/1/07 – 12/11/07

By Walt Kropp, WWFRF Treasurer, Board Member

Current Funds as of 12/11/07

Non-Restricted Funds	\$11,577.36
(Operating Expenses plus Research)	
Display Garden Funds	\$ 7,011.52
Total Funds on hand 12/11/07	\$18,588.88

Foundation Sponsored Research

Income

Donations	\$5,497.50
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Expenses

WSU Addendum #17	
(for fruit research)	\$15,000.00
Phase 1 anthracnose trials	\$3,000.00
Total Expenses	\$18,000.00
Difference	\$-12,502.50

Display Garden Funds Summary

Income

Donations	\$1000.00
Apple Sales	\$1542.80
Total Income	\$2,542.80

Total Expenses	\$ 1,565.00
Difference	\$+ 977.80

Operating Expenses

Income

Credit adjustment	\$50.00
Membership Dues	\$8,175.00
Outreach	\$ 600.00
Spring Field Day	\$871.19
Total Income	\$ 9,696.29

Expenses

Spring Field Day	287.00
Bank Charges	\$ 78.00
Flower and Garden Show	\$706.91
General Liability Insurance	\$1109.00
Liability Insurance	\$754.00
Outreach	\$454.46
Safety vests	\$211.36
Internet Connection Fee	\$180.00
Printing & Mailing	\$1,280.14
WA State Filing Fee	\$10.00
Total Expenses	\$5,070.87
Difference	\$+4,625.42

Totals

Total Income (All Categories)	\$ 17,736.59
All Expenses (All Categories)	\$24,635.87
Difference	\$-6,899.28

All apples for apple sales came from the Display Garden.

Flower and Garden Show expenses cover our booth in 2007 as well as payment in advance for our booth in 2008.

General Liability insurance will go down by approximately \$180 in 2008.

Addendum #17 (2006) has been paid in full. (\$15,000)

We have not yet been invoiced for Addendum #18(2007) for \$8,600.

We have received a check for \$1274.40 from Seattle Tree Fruit Society that does not appear in the Financial report because of the late date. The donation represents the commissions paid by Raintree Nursery for apple maggot barrier ("footies") sales.

All donations are used only for fruit research unless earmarked for something else by the donor.

Apple Soup

Serves 6

INGREDIENTS

3 tablespoons oil
1 kohlrabi, diced
3 carrots, diced
2 celery sticks, diced
1 green bell pepper, diced
2 tomatoes, diced
9 cups chicken stock
6 large green apples
3 tablespoons lemon juice
salt and ground black pepper
lemon wedges, to serve

1. Heat the oil in a large pan. Add the kohlrabi, carrots, celery, green pepper and tomatoes and fry for 5-6 minutes until just softened.
2. Pour in the chicken stock, bring to a boil, then reduce the heat and simmer for about 45 minutes.
3. Meanwhile, peel and core the apples, then chop into small cubes. Add to the pan and simmer for 15 minutes.
4. Mix the flour and cream together and stir into the soup. Bring to a boil. Add the sugar, lemon juice and seasonings. Serve with lemon wedges.

Board of Directors Minutes: *December 1, 2007*

By Kim Siebert, WWFRF Recording Secretary, Board Member

Held at:

NE Branch Library
6801 35th Ave NE
Seattle, WA

Meeting opened at 10:00 AM.

Board Members Present: Tom Mueller, Sam Benowitz, Bill Davis, De Arbogast, Jo Ann Alidina, Kristan Johnson, Shirley Kropp, Walter Kropp, Tarn Mower.

Board Advisors/Reps/other guests: Ellen Bynum,

Agenda Items:

1. ***Treasurer's Report – Walter*** Walter gave the WWFRF financial report through 11/25/2007. The 2006 WSU addendum has been paid off completely: we have not yet been invoiced for 2007. After discussion De motioned that we authorize Walt to invest the money in CD's for the interest. We will still be able to access the money as needed. Seconded by Tom. Passed unanimously. There was a motion by Jo to change the income from the apple sales from operating expenses to Demonstration Garden. Seconded by De. Passed unanimously. All of the apples we sold in 2007 were from the Demonstration Garden.
2. ***Membership report:*** Jo Ann Alidina – Jo Ann reported that we have 202 paid members for 2007 and that our dues have brought in twice as much income as last year..
3. ***Apple Sales:*** Bill Davis – We do not have as much cold storage available as formerly. Karmen generates money, but needs cold storage. Sam motioned that we reimburse Bill \$200 for gas he used for the apple sales. Seconded by Tom. Passed unanimously.
4. ***Fundraising:*** A proposal was made by Sam that we raise money to pay for a volunteer coordinator for the Display Garden. The goal is \$50,000 plus \$5,000 for expenses by March, 2008. Kristan appointed a committee to create a job description for the coordinator. Tarn is the chairman. De, Bill and Kim are on the committee. Walt motioned to pay Ellen with funds specifically donated for public outreach. Jo Ann seconded. Passed unanimously.

Ellen gave tips on how to do fundraising. The members of the board are to help with phone calling for fund raising. We are sending out a fund raising letter this month. Tom motioned that we allocate \$600 for outreach, seconded by Tarn. Passed unanimously. After discussion Tarn motioned that we formulate a proposal to apply for adventitious funds at the end of the fiscal year. The proposal will be for educational kiosks in the Display Garden.

5. **Anthracnose Fund:** Kristan After discussion Jo Ann moved that we fund 3K for phase 1 of the Anthracnose trial and that we try to interest other groups to help participate in funding this project . Tom seconded.
Passed.
6. **NARF:** De moved that we try to have our funds increased by working with NARF more closely, and by sending our money through NARF when appropriate. Seconded by Jo. Passed. (NARF, in the past, has significantly increased our donations.)
7. **Fruit Trials Advisory Board:** Kim motioned that WWFRF will participate in the Fruit Trials Advisory Board, which will work on formulating a 5 year plan. Seconded by Tom. Passed.

Meeting closed at 1:00 pm.

	<h2 style="text-align: center;">Winter Open House: March 8, 2008</h2> <p style="text-align: center;">9:00 am – 4:00 pm At the Agricultural Research Station Mount Vernon 16650 State Route 536, Mount Vernon, WA 98273</p>									
<p>8:30 - 9:00 AM</p>	<p>Registration--All members & non-members must first register & pay <i>Admission Fee for WWFRF Members: Included in annual paid dues (Renew your dues TODAY!)</i> <i>Admission Fee for Non-Members: \$15.00</i></p>									
<p style="text-align: center;">All of the presentations will be in the auditorium</p>										
<p>9:00 – 9:45</p>	<p>Grafting: Bill Davis</p>									
<p>9:50 - 10:35</p>	<p>Apple Maggot: Don McMoran</p>									
<p>10:40 – 11:25</p>	<p><u>Rootstocks:</u> Panel discussion</p>									
<p>11:30 – 12:15</p>	<p><u>Pruning:</u> Steve Johnson</p>									
<p>12:20 – 1:00</p>	<p>WWFRF GENERAL MEMBERSHIP MEETING <i>and election of officers</i></p>									
<p>1:10 PM/Afternoon</p>	<p>Pruning demonstrations in the Fruit Display Garden</p> <table border="0"> <tr> <td>- Kristan Johnson</td> <td>- espaliers</td> </tr> <tr> <td>- De Arbogast</td> <td>- blueberries, currants, and gooseberries</td> </tr> <tr> <td>- Bill Davis</td> <td>- young fruit trees</td> </tr> <tr> <td>- Steve Johnson</td> <td>- mature fruit trees</td> </tr> </table>		- Kristan Johnson	- espaliers	- De Arbogast	- blueberries, currants, and gooseberries	- Bill Davis	- young fruit trees	- Steve Johnson	- mature fruit trees
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- Steve Johnson	- mature fruit trees									
<p style="text-align: center;">Please bring your own lunch and beverage.</p>										

Fruit Horticulture – Quarterly Report January 2008

Gary Moulton & Jacky King

The fall Field Day on October 6 was well attended and featured a symposium on the art of espalier in the fruit orchard. Aspects included the practical –how to start and manage a garden espalier, what varieties and rootstocks to select– to the historic and esthetic tradition developed from the walled gardens of the Middle Ages. The orchard tour followed and was very successful.

The week of December 10-14, Peter Mitchell taught an intensive, hands-on course in Commercial Cider & Drinks Production. The course emphasized the principles, strategies and practices involved in product marketing and sales; and practical assistance to entrepreneurs, small and medium size businesses in establishing a quality cider production system. Participants attended from Washington, Oregon and B.C. The last day featured a seminar in Sensory Evaluation of Cider, with evaluation of ciders and perries (cider made with pear juice), both domestic and imported.

Under the direction of Dr. Carol Miles, an advisory committee has been organized to consult with Carol and Gary on the directions and priorities for future research in the tree fruit area of the Fruit Horticulture program. Members of this committee are drawn from WWFRF and garden groups, nursery and commercial growers. A similar committee is organized to advise on the wine grape research.

The advisory groups met with Carol, Gary and Jacky on October 8, 2007 and succeeded in defining certain aims for the research program for both the immediate and the longer term. The need to expand the fund raising base for securing grants was discussed, and the need to downsize those areas where evaluations have been for the most part completed. New acquisitions and startup of new plots will be determined on the basis of available funding and input from the advisory board.

Heartfelt thanks go out to the WWFRF and the advisory group for their decision to act swiftly against the increased threat of anthracnose. This disease is spreading rapidly in our area and has potential to do huge damage, of concern to anyone growing apple trees, from commercial orchards and nurseries right down to the home gardener.

We appreciate the leadership and support of WWFRF in allocating \$3,000 of their very limited resources to fund the initial Phase I of this research project. This money is being used to identify what species and strains of the fungus are currently found. On November 19-20, 2007 Gary met with Dr. Chang-Lin Xiao, the plant pathologist from the Tree Fruit Research Center in Wenatchee, to coordinate collection of anthracnose samples from apple orchards in western Washington. Samples were collected from 7 infected orchards in Skagit and Whatcom counties.

Our goal in Phase II is to concentrate on methods to control the disease. We should know by April 2008 what Phase II of the research will entail based on this first survey. It may include a graduate student who will take this research on as a degree project. If a method for control of anthracnose is not found, in the future it may become impossible to grow apples successfully in western Washington. We will keep you informed on this work.

Membership Report

by JoAnn Alidina, WWFRF Membership Chair, Board Member

We currently have 206 paid members; 83 family memberships, 69 individuals, and 16 sustaining memberships. Please check your mailing label or the email that came with your newsletter in order to know if your membership needs to be renewed.



Western Washington Fruit Research Foundation Membership Form

Please check one box ONLY: ☐ Renewal ☐ New Member

NAME: _____ DATE: _____

ADDRESS: _____

CITY: _____ STATE: _____ 9-DIGIT ZIP: _____

TELEPHONE: (____) _____ EMAIL ADDRESS: _____

Please check all applicable lines to designate type of membership, extra donation, and/or individual or family open house/field day:

- _____ \$25 FOR ANNUAL **INDIVIDUAL** MEMBERSHIP (*One person only*)
- _____ \$40 FOR ANNUAL **FAMILY** MEMBERSHIP (*One immediate household only; maximum 4 persons*)
- _____ \$ _____ FOR **GIFT** MEMBERSHIP FOR: (Please note for Whom Above)
- _____ \$60 FOR ANNUAL **SUSTAINING** MEMBERSHIP (*Individual or family membership with higher level of financial support*)
- _____ \$60 FOR ANNUAL **CIDER APPLE SUSTAINING** MEMBERSHIP (*Sustaining membership with interest in cider apples*)
- _____ \$60 FOR ANNUAL **WINE GRAPE SUSTAINING** MEMBERSHIP (*Sustaining membership with interest in wine grapes*)
- _____ \$125 FOR ANNUAL **COMMERCIAL (List Only)** MEMBERSHIP (*Includes 3 people, and also includes business name on our website*)
- _____ \$200 FOR ANNUAL **COMMERCIAL (Full)** MEMBERSHIP
(*Includes 3 people, and also includes a link from our website to the commercial members' website*)
- _____ AN **EXTRA DONATION** of \$ _____ for WWFRF
- _____ \$15 FOR **INDIVIDUAL One-Day** OPEN HOUSE/FIELD DAY **ONLY**
- _____ \$25 FOR **FAMILY One-Day** OPEN HOUSE/FIELD DAY **ONLY** (*One household only; maximum 4 persons*)

I WOULD LIKE TO VOLUNTEER TO DO THE FOLLOWING FOR WWFRF (please check all applicable lines):

- _____ TO HELP WITH FIELD WORK AT THE **WWFRF FRUIT DISPLAY GARDEN** (usually held every Thursday from 9am-12noon; March-Nov.)
- _____ TO HELP WITH FIELD WORK AT THE **WSU NWREC** in Mount Vernon
- _____ TO HELP SET UP THE DAY BEFORE A **FIELD DAY** (Field Days are usually held in February and October every year)
- _____ TO HELP AT THE **SAMPLING DAY**: Please check ALL applicable boxes: ☐ Parking ☐ Registration ☐ Bags Distribution
- _____ TO HELP AT **FRUIT TASTING/ROOTSTOCK SALES**
- _____ TO HELP WWFRF ON AN **ONGOING BASIS**
- _____ TO HELP WWFRF AT THE **NORTHWEST FLOWER & GARDEN SHOW** in Seattle (usually held in February every year)
- _____ TO HELP WWFRF AT VARIOUS **DISPLAY BOOTHS** presented in _____ COUNTY
- _____ TO HELP WWFRF SELL FRUIT at the **FALL FRUIT SHOW**
- _____ TO HELP WITH **SPECIAL FRUIT HARVESTING DAYS, IN SEASON**, AT THE WSU NWREC

Please make your check payable to: WWFRF and MAIL your completed membership form and check to:

WWFRF
C/O Walter Kropp, Treasurer
29838 Marine View Drive SW
Federal Way, WA 98023

BENEFITS OF MEMBERSHIP

Annual memberships cost \$25/year for Individuals and \$40/year per Family (One Household only). Membership entitles you to the newsletter, participation at all Field Days/Open Houses and Harvest Days, at no additional charge; other types of memberships are also available. Visit www.wwfrf.org and download the membership form OR contact **JoAnn Alidina, Membership Chair at (206) 789-1106, email: alidina.j@comcast.net** for a membership form.

The **WWFRF Newsletter** is printed 3x/ year in February, June, and September and mailed or emailed to all members.

FIELD DAYS/ OPEN HOUSES are free to members, and open to non-members for One-Day only fees of @ \$15/ Individual and \$25.00/ Family (One immediate household only, max. 4 persons/household) at **each** event.

- The **Spring Field Day/ Open House** is usually held at the end of **February**, and consists of hands-on pruning, grafting and budding, talks on insects and pests, scion wood sale, and root stock sale.
- The **Fall Field Day/ Open House** is usually held in **October** (and includes the Fall Harvest Day for the same fee), and covers various topics e.g., best fruit varieties for our area, harvest techniques, preservation and storage, orchard mason bees, fertilizer and nutrition, home wine and cider production, and fruit tasting.

HARVEST DAYS are free to members, and open to non-members @ \$15/ Individual and \$25.00/ Family (One household only) at **each** event:

- **Harvest Days** are held in **July, August, September, and October**. The following fruit is harvested in season: cherries, peaches, nectarines, pears, plums, and apples. Paid members and non-members are allowed to keep their portion of the harvested fruit.
- **Special Volunteer Harvests** occur on an as-needed basis to assist the WSU NWREC staff in harvesting specific fruit for data collection. This harvest is open to paid members only, and paid members are allowed to keep a portion of the harvest.

Have you renewed your membership yet? WWFRF membership is valid for 12 months from the date your check is received. For those of you who receive the WWFRF newsletter by **mail**, your membership expiration date is printed above your name indicating the month and year that your membership expires. If you receive your newsletter by **email** and wish to know the expiration date of your membership, please email **JoAnn Alidina** at alidina.j@comcast.net. Renew your membership **before** it expires by completing the Membership Form and mailing it in.

Western Washington Fruit Research Foundation (WWFRF)

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