
Small Acreage Landholder Outreach Program 2013 Annual Report

Submitted to Clark County Clean Water Program

Submitted by WSU Clark County Extension

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Executive Summary

The *Small Acreage Landholder Outreach Program* completed one *Living on the Land: Stewardship for Small Acreages* class series and graduated 27 people in 2013.

The program provided five BMP workshops on manure management, controlling weeds, BMPs for horse owners, and pasture establishment and renovation which attracted 106 participants. Three well and septic inspection certification and maintenance workshops attracting 83 participants were also held. In addition, the program held one small farm workshop on post-harvest handling and selling at farmers markets which attracted 21 participants. The program conducted four small acreage property tours for 71 participants.

Five properties were evaluated in 2013 for their efforts to implement BMP's to protect water quality and five signs were awarded.

Task 1 - Best Management Practices (BMPs) Guidelines

Task 1a - Information Resources

The Coordinator added announcements for BMP workshops, property tours, the Expo, and *Living on the Land* classes to the WSU Extension website calendar (<http://clark.wsu.edu/calendar/index.asp>).

The program tracks website hits and document downloads monthly and compiles quarterly statistics (Table 1). This year, at least 1,555 visitors accessed the program's website directly or via bookmarks during the year, including 1,229 who were referred from other sites. Sixty-one percent of the visitors to the website came during the first and second quarters, likely due to the many workshops and outreach events in the first half of the year.

The fact sheet on pasture management, *How Green is Your Grass? Five Steps to Better Grazing & Pasture Management* was by far the most popular of the year with 11,073 downloads. The second and third most popular downloads, *What Can You Do On Your Land? FAQ* and *Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives* were downloaded 8,497 and 8,111 times respectively. The pasture management and FAQ factsheets have gain in popularity since 2012.

Visitors to the program website dropped slightly after the first quarter and continued to decline as the year progressed. Total factsheet downloads increased by 42% compared to last year.

Issues and Recommendations

The Coordinator hopes to continue this steady rise of download traffic by linking the Small Acreage website to other organizations and by building the program's social media presence.

Deliverables

The Program tracked hits and downloads throughout the year and reference files were updated as additional materials were located.

Table 1: Small Acreage Webpage Activity

Fact sheets	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD
How Green is Your Grass? Five Steps to Better Pasture & Grazing Mgmt	2414	2719	2664	3276	11073
What Can You Do On Your Land? Frequently Asked Questions	1730	1958	2671	2138	8497
Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives	1741	1823	2128	2419	8111
Save Time and Money - Properly Landscape Your Septic System	564	1068	743	520	2895
Keeping Clean Water Clean & Reducing Mud - Improving Drainage	382	520	458	363	1723
Protecting Drinking Water: Simple Tips for Well Maintenance	268	328	367	360	1323
Constructing Ponds and Water Features - What Does It Take?	196	251	248	250	945
What's Bugging You? Natural Insect Control for Small Acreages	156	239	287	175	857
Reduce Mud and Keep Water Clean: Sacrifice Areas	174	158	178	326	836
Keeping Clean Water Clean & Reducing Mud: Managing Roof Runoff	148	224	179	192	743
Certified Kitchens Fact sheet	158	185	188	180	711
Manure Management: Strategies for Collection, Storage & Disposal	147	153	125	159	584
Protecting Your Investment: Inspecting Your Septic System	104	109	104	124	441
Do You Qualify For Reduced Property Taxes? Current Use Taxation	124	92	84	17	317
Water Quality Self-Assessment for Small Acreages	84	46	99	86	315
Best Management Practices for Small Acreages	49	n/a	n/a	64	113
Small Acreage Landowner Services Directory	52	n/a	n/a	n/a	52
Community Supported Agriculture Brochure	26	19	n/a	n/a	45
Information on Small Acreage Management - Resource List	n/a	n/a	n/a	16	16
Simple Steps To Protect Your Surface and Well Water	n/a	n/a	n/a	n/a	n/a
Tips On Land & Water Management for Small Acreages in SW WA	n/a	n/a	n/a	n/a	n/a
Total Downloads	8,517	9,892	10,523	10,665	39,597
Video Clips					
Manure Management	362	323	114	254	1053
Reducing Mud on Small Acreages	20	25	9	19	73
Five Ways to Protect Riparian Areas	22	27	36	30	115
Livestock Exclusion and Off Channel Watering	15	9	10	19	53
Managing Manure	28	16	21	18	83
Five Quick Steps to Reduce Mud	31	27	23	24	105
Total Views	478	427	213	364	1,482
Website Visitors					
Small Acreage Web Page <i>Referred from other sites</i>	424	329	276	200	1229
Direct access/Bookmarked	511	429	323	292	1555
BMP Video Web Page <i>Referred from other sites</i>	n/a	n/a	213	n/a	213
Direct access/Bookmarked	n/a	n/a	n/a	n/a	n/a
Living on the Land Web Page <i>Referred from other sites</i>	n/a	n/a	234	71	305
Direct access/Bookmarked	n/a	n/a	323	n/a	323
Total Visitors	935	758	1,369	563	3,625

Task 1b - Publications

Stewardship Article. The Coordinator submitted one article on stewardship entitled “Green Horsekeeping for Healthy Horses and Streams” which appeared in the Horse Corral section of The Reflector newspaper on August 7 (Appendix A). The article also promoted two upcoming workshops on Green Horsekeeping.

Rainwater Harvesting Video Clip/Factsheet. The Coordinator has completed part of a factsheet entitled Rainwater Collection for Small Acreages. The remainder of this factsheet will be completed in early 2014.

Promotional Video. The Coordinator did not complete a promotional video in 2013. The original plan was to partner with the Master Gardener Coordinator and the Watershed Stewards Coordinator, but with the Watershed Stewards Coordinator's maternity leave followed by her resignation, coupled with program defunding, this project did not get started.

Deliverables

An article on stewardship and BMPs was published in a local newspaper.
A factsheet on rainwater harvesting was started, but not completed.
A promotional video was not completed.

Issues and Recommendations

Due to the absence of the Watershed Stewards Coordinator and subsequent defunding of the program, a promotional video that highlighted the Small Acreage Program, Watershed Stewards and Master Gardeners was not feasible to produce. Updating factsheets will be needed in 2014.

Task 2 - Public Education & Outreach

Task 2a - Living on the Land: Stewardship for Small Acreages

The program completed the *Living on the Land: Stewardship for Small Acreages* (LOL) class series which ran from September 3 through November 19. The schedule (Table 2) included some changes from fall 2012, including: Chip Bubl (OSU Extension) replacing Jan Boldt (SCORE), Jordan Boldt (Vancouver Farmers Market), Matt Schwab (Inspiration Plantation), Anne Lawrence (Storytree Farm), and Kelley O'Neill (Greengate Farm) for the business opportunities class, Joe Laxson replacing Aaron Henderson for the wells and septic class, Blair Wolfley (Clark County) replacing Doug Stienbarger for the managing animals to avoid negative impacts class and Jeff Whittler and Ashley King (Clark PUD) replacing Jen Naas for the my place on the stream class.

Table 2: LOL Class Schedule

Date	Topic	Instructor(s)
9/3	What Do You Have & What Do You Want? / Turning Dreams into Reality	<i>Doug Stienbarger</i> , WSU Clark County Extension
9/10	What Can You Do? Turning Dreams into Reality	<i>Doug Stienbarger</i> , WSU Clark County Extension
	Clark County Land Use Zoning and Codes	<i>Scott Melville</i> , Clark County Community Development
9/17	Maintaining Your Septic System	<i>Bridgette Bashaw</i> , Clark County Public Health
	Protecting Household Drinking Water	<i>Joe Laxson</i> , Clark County Public Health
9/24	How Grass Grows	<i>Gene Pirelli</i> , Forage and Livestock Specialist, OSU Polk County Extension
10/1	Getting Down and Dirty With Soil	<i>Gordon French</i> , <i>LJC Feeds</i>
10/8	Managing Soil to Keep it Productive	<i>Dr. Craig Cogger</i> , WSU Puyallup
10/15	Managing Grazing for Sustainable Pastures	<i>Gary Fredricks</i> , WSU Cowlitz County Extension
10/22	What to Do About Weeds?	<i>Ron Hendrickson</i> , Clark County Vegetation Management
10/29	Living With Wildlife	<i>Rachel Maggi</i> , Wildlife Biologist, NRCS
	Business Opportunities	<i>Chip Bubl</i> , OSU Extension
11/6	Watershed Pollution	<i>Cary Armstrong</i> , Clark County Environmental Services Clean Water Program
	Resources & Opportunities	<i>Denise Smee</i> , Clark Conservation District
11/13	My Place On a Stream	<i>Jeff Wittler</i> , Clark PUD & <i>Ashley King</i> , Clark PUD
	Managing Animals to Avoid Negative Impacts	<i>Blair Wolfley</i> , Clark County
11/19	Focusing on Stewardship: Tying it Together / Graduation	<i>Eric Lambert</i> , WSU Clark County Extension

Twenty-seven participants from 20 households graduated from the 34 people enrolled; graduation required completing at least six classes. Graduates included 16 households who own property, two of which own small suburban lots. Two graduates did not yet have property, but intend to use the course as preparation for buying small acreage property in the future. Over the course of 12 weeks (36 hours of instruction), three registrants withdrew due to time constraints, while one never showed up to class.

Graduates received a LOL mug and a certificate of completion. When asked why they signed up for the class, participants cited property planning, small farm development, best ways to utilize land, learning about soil, natural resource conservation, manure management, and general knowledge about rural small acreage living. Ten of the twenty pre-surveys submitted by graduates indicated that the reason for attending had to do with learning about sustainable practices or stewardship.

Sixty-three percent of course graduates attended at least 75% of the class sessions and (Table 3), which ties the lowest percentage for a previous class; classes ranged from 63% to 85% of graduates attending at least 75% of the sessions (the average since 2003 is 75%). Eleven percent attended every session which is below the 18% average since the course began.

Profile of LOL Graduates. Classes were held at the Extension office at the 78th Street Heritage Farm in Vancouver.

Overall, residents from the central parts of Clark County represented the largest number of participants with residents from the southern areas and out of county making up the second and third most

Table 3: LOL Attendance

Classes Attended	# Graduates	As % of Graduates
12	3	11%
11	6	22%
10	4	15%
9	4	15%
8	4	15%
7	1	4%
6	5	19%
Total	27	100%

participants respectively (Table 4). All but one of the out of county graduates came from other counties in Washington that do not offer a course similar to LOL.

Table 4: Geographic Distribution of Graduates

Location		F03	S04	F04	S05	F05	F06	F07	F08	F09	F10	F11	F12	F13	City Totals
North	Amboy	0	3	4	5	1	3	3	1	2	0	1	1	1	25
	La Center	6	7	4	5	3	6	5	1	0	3	3	5	1	49
	Ridgefield	0	5	2	2	7	2	2	6	3	3	0	7	3	42
	Yacolt	0	6	0	0	1	7	3	0	1	1	1	0	0	20
	Woodland (Clark Co.)	0	0	2	2	1	2	2	3	0	0	0	0	0	12
	Subtotal	6	21	12	14	13	20	15	11	6	7	5	13	5	148
Central	Battle Ground	8	14	8	5	4	6	6	7	2	2	3	8	9	82
	Brush Prairie	2	4	5	2	0	0	2	3	4	0	3	1	0	26
	Subtotal	10	18	13	7	4	6	8	10	6	2	6	9	9	108
South	Camas	1	0	0	1	4	1	1	1	4	2	2	0	1	18
	Vancouver	4	3	2	3	3	2	2	4	5	5	3	4	6	46
	Washougal	2	1	3	0	1	3	6	0	0	4	2	0	0	22
	Subtotal	7	4	5	4	8	6	9	5	9	11	7	4	7	86
Out of County		0	0	4	2	2	1	0	5	2	5	1	2	6	30
Totals		23	43	34	27	27	33	32	31	23	25	19	28	27	372

Sixteen households managed a total of 97.1 acres averaging 5.1 acres per property. Among participants residing in Clark County that total drops to 41.3 acres, averaging 2.95 acres per property, the lowest compared to previous LOL classes (Table 5). Average length of time residing on their land was 5.2 years, about two years lower than the average of 7.35 years. Fifteen out of 16 of the graduate properties were 10 acres or smaller, also a higher proportion than in past classes. Ninety-four percent of graduate household properties (15 out of 16) have septic tanks on their property, while 62% of properties have potable water wells (10 out of 16).

Table 5: Graduate Property Characteristics**

Characteristics		F03	S04	F04	S05	F05	F06	F07*	F08	F09	F10+	F11^	F12	F13	Totals
# Graduates		23	43	34	27	27	33	32	31	23	25	19	28	27	372
# Properties		19	33	27	22	24	25	24	23	12	16	15	21	16	277
Ac Owned	Total Acreage	132.1	376.8	412.4	317.4	299.1	387.9	323.2	228.9	111.1	267.4	97.2	161.3	97.1	3211.9
	Avg Ac/Property	8.3	11.1	15.3	14.4	12.5	15.5	14.7	10	9.3	16.7	7	8.5	5.1	11.42
	Range	2.5-35	2.5-82	2.3-80.2	5-68	1-60	1-79	2-41	1.6-49	0.8-45	1-67	0.2-25	.1-40	.2-21	
	< = 5 ac	7	13	11	7	7	8	13	12	8	6	8	10	11	121
	>5 - 10	7	13	3	8	9	11	6	3	2	1	5	6	4	78
	>10 - 20	1	5	5	4	4	2	1	6	1	3	1	1	0	34
	> 20 ac	1	3	8	3	4	4	3	2	1	5	1	1	1	37
Yrs On Land	Average	5.8	7.2	8.3	9.2	8.1	12	5.4	5.7	6	11	7.7	3.9	5.2	7.35
	Range	0.1-8.5	0-34	0-38	0-40	0.3-34	0.1-66	0-17	0-26	0.3-30	0.3-40	0.1-32	.1-15	0-20	
Land with:	Septic System	14	31	25	21	23	24	22	22	10	10	12	18	15	247
	Well	11	27	25	17	21	23	20	16	9	11	8	16	10	214

** Not all graduates completed survey or provided all information.

* Excludes a 3 ac outside Clark County. * Excludes a 100 ac outside Clark County. ^ Excludes a 2.5 ac outside Clark County.

Seventy-five percent of the 2013 graduate households use land for pasture or vegetable production. These land uses typically constitute the most common land uses in all the class series (Table 6). The largest land uses by acreage are in forest followed by pasture.

Table 6: Types of Land Use On Graduate Properties

Land Use	Number of Graduate Properties (Ac)													Total	% Grad Properties
	F03	S04	F04	S05	F05	F06	F07 ⁺	F08	F09	F10	F11	F12	F13		
Vegetable Production	12	26	23	13	17	17	16	17	9	11	12	13	12	197	53%
Orchard Production	7	20	17	10	10	13	15	14	5	10	10	10	11	151	41%
Landscape	12	20	15	10	11	12	9	14	2	4	8	4	6	126	34%
Wildlife	9	21	15	12	12	14	9	12	2	6	8	7	9	135	36%
Lawn	15	27	23	15	18	22	17	13	8	5	14	11	14	201	54%
Pasture	11	19	15	12	17	18	18	19	10	9	9	13	12	181	49%
<i>Acre</i> s*	22.5	32.5	73.0	57.5	53.1	65.2	80.5	31.0	7.9	53.7	22	36.5	31.25	566.7	
Hay	2	6	8	6	2	3	1	5	2	3	1	1	2	42	11%
<i>Acre</i> s*	2.0	39.0	18.0	23.0	5.0	12.0	n/a	51.8	5.0	8	1.9	N/A	11.00	176.7	
Forest	9	22	16	8	10	17	9	9	3	8	9	7	9	135	36%
<i>Acre</i> s*	29.0	25.5	30.0	8.0	28.0	116.5	106.3	11.5	15.3	54.6	20.2	35	43.00	522.9	

* Understates total since not all participants listed acreage. + One parcel accounts for 52 acres.

Seventy-two percent of graduate households in the 2013 class keep livestock (Table 7), primarily consisting of rabbits and poultry (chickens). This year's graduates own the second most livestock of any past class, though 94% of those are rabbits and poultry. Since 2003, poultry, including ducks, chickens, geese, and wild fowl, comprise the most common type of animal owned, followed by horses, goats and cattle. Though totals of livestock owned by past graduates show rabbits and alpacas as second and third on the list, a vast majority of the rabbits were owned by two 2013 graduates and no graduates from the past two years have owned alpacas. Since poultry manure contains high concentrations of nutrients relative to weight, it can pose an underappreciated danger to water quality.

Table 7: Numbers of Livestock Owned*

Animal	F03	S04	F04	S05	F05	F06	F07 ⁺	F08	F09	F10	F11	F12	F13	Totals
Poultry	86	112	792	65	40	44	44	108	137	86	58	250	412	2,234
Rabbits	20	3	0	0	0	0	0	0	6	0	4	0	416	449
Cattle	3	90	23	68	9	43	0	15	0	24	0	8	20	303
Alpacas	0	7	90	19	41	0	28	12	81	0	11	0	0	289
Equine	27	28	25	8	53	18	15	21	14	7	23	7	0	238
Goats	3	28	4	0	2	73	21	12	48	16	11	3	19	236
Sheep	0	5	143	0	0	0	8	4	9	2	5	0	13	189
Swine	0	2	13	0	0	9	90	3	0	0	0	8	4	129
Llama	12	0	2	9	7	1	10	4	1	0	0	0	0	46
Donkey	0	0	2	4	4	2	2	1	0	4	0	0	0	19
Ostrich/ Emu	0	6	0	0	0	0	0	0	0	0	0	0	0	6
<i>Total</i>	151	275	1,092	169	152	188	216	179	296	139	108	276	884	4,138

* Understates total since not all participants provided numbers of livestock.

Educating landowners on manure management for these and other animals can help reduce the amount of nutrients introduced into stormwater runoff. Overall, the program has educated animal owners on how to best manage the manure from their 4,138 animals over the life of the program.

LOL Class Session Evaluations. Participants evaluated individual class sessions on a scale of one to five (five being the highest), ranking no class lower than 3.9 and 50% of the classes ranking 4.5 or above (Table 8). The highest rated classes were Cary Armstrong and Denise Smee's presentations on watershed pollution and local resources and Eric Lambert's 'Focusing on Stewardship' presentation, both of which received an average score of 4.7.

The Program changed the evaluation to a simpler "yes-no" format to provide more straightforward interpretation of results. All respondents indicated they intend to use information provided in nine of the 12 classes. At least 80% of respondents indicated they learned something new in all classes, with 100% learning something new in nine of the classes. The lowest percentage of respondents indicating they learned something new came in week 11 for the topics of streams and managing animals and is likely due to previous classes covering very similar material.

Table 8: LOL Evaluation Summary

Was the lesson:	Inventory 1	Inventory 2	Wells & Septic	Pastures	Soils 1	Soils 2	Grazing	Weeds	Wildlife	Business	Watershed Pollution	Streams & Animals Mngt	Stewardship
Overall Score?	4.1	4.3	4.4	4.5	4.5	4.5	4.4	4.5	4.2	4.1	4.7	3.9	4.7
Percent of respondents answering YES													
Intend to use info?	96%	100%	100%	93%	100%	100%	80%	100%	100%	100%	100%	88%	100%
N (NR)	26 (2)	27 (4)	24 (2)	15 (7)	21 (5)	18 (2)	20 (1)	16 (2)	13 (5)	13 (5)	13 (5)	16 (5)	20 (1)
Learn something new?	96%	100%	96%	100%	100%	100%	100%	100%	92%	100%	100%	80%	100%
N (NR)	26 (2)	27 (4)	24 (2)	15 (7)	21 (5)	18 (2)	20 (1)	15 (3)	13 (5)	13 (5)	13 (5)	15 (6)	20 (1)

LOL Class Course Evaluations. Participants also evaluated the 12 week program as a whole (see evaluation forms, Appendix K). When evaluating the entire course, respondents stated they learned useful information and the classes answered most of their questions (Table 9). Most also thought the course length was about right. Many indicated they would utilize the information learned to change practices on their land, such as building soil, improving wetland habitat, controlling weeds, and managing pastures.

Many respondents also commented they felt much more knowledgeable about general land management practices and they appreciated the resources and tools provided, as evidenced by their comments:

Table 9: Overall LOL Program Evaluation Summary

Evaluation Question	Average
What overall score would you give this program?	4.7
How much will you use this information to change your practices?	4.5
	% YES
Did the program series answer most of your questions?	95%
Did you learn useful information?	100%

"I'm in beginning stages, so I didn't have management practices in place. I feel that the class will help me start with BMPs."

"[Changes I'll implement in the next year include:] install a rain garden, soil testing for vegetable garden and orchard, and water catchment to irrigate garden."

"[We] have decided to have better water management practices; rain barrels, French drains, permeable hard scape, etc."

"Anyone planning to buy a piece of land should take this course first."

Knowledge Increases

Participants were asked to rate their knowledge on four topics using a scale of 1 being poor up to 5, being excellent, before and after participating in the lesson. The difference in these rankings represents the knowledge increase experienced by respondents. Overall, at least 56% of respondents indicated increasing their knowledge on all session topics. Gene Pirelli's presentation on 'Pasture Establishment and Restoration' produced some of the greatest knowledge increases with at least 88% of respondents gaining two or more levels of knowledge. Sessions Soil 1, Soil 2, and grazing classes also produced strong knowledge increases with all respondents increasing their knowledge by at least one level on at least two of the topics surveyed.

At least 50% of respondents increased their knowledge at least two levels on 32 of the topics surveyed throughout the course (Table 10). In the water quality and pastures classes, from 35% to 77% of respondents increased their knowledge at least three levels on all topics. The highest change indicates most respondents were unaware of how Clark County collects and uses funds to improve our waterways. In general, the classes on *Inventorying Resources*, *Living with Wildlife*, and *Business Opportunities* saw the smallest knowledge increase, but still had at least 56% of respondents increase their knowledge.

Table 10: LOL Participant Change in Knowledge Levels

LOL Class	Knowledge Area	Before and After Class Knowledge Change (As percent of respondents)					
		Same	1	2	3	4	N (NR)*
Inventory 1	Goal setting and taking a whole property view	22%	67%	11%	0%	0%	27(1)
	Considering neighbors when setting property goals	44%	36%	20%	0%	0%	25(3)
	Identifying assets on your property	28%	48%	24%	0%	0%	25(3)
	Identifying problems on your property	31%	50%	15%	4%	0%	26(2)
Inventory 2	How to use photo documentation to successfully track your progress and management plans	11%	33%	41%	11%	4%	27(4)
	Identifying limitations when setting property goals	15%	54%	27%	4%	0%	26(5)
	Clark Co codes affect what you can do on your land	4%	26%	41%	30%	0%	27(4)
	Where to find answers about codes and permits	7%	15%	37%	22%	19%	27(4)
Wells & Septic	Knowledge of well and septic maintenance	4%	32%	28%	28%	8%	25(1)
	How to keep my drinking water healthy	17%	25%	54%	4%	0%	24(2)
	Protecting my septic system	4%	36%	20%	32%	8%	25(1)
	How to properly inspect my septic system	0%	24%	20%	40%	16%	25(1)
Pastures	Methods for renovating/reseeding pastures	0%	6%	38%	44%	13%	16(6)
	Common grass/legume species for W WA pastures	0%	6%	56%	25%	13%	16(6)
	Pasture management practices during fall and winter	6%	0%	56%	25%	13%	16(6)
	Grazing management that encourages healthy grass and maximizes available forage	6%	6%	44%	31%	13%	16(6)

Table 10 Continued

LOL Class	Knowledge Area	Before and After Class Knowledge Change (As percent of respondents)					
		Same	1	2	3	4	N (NR)*
Pastures	Methods for renovating/reseeding pastures	0%	6%	38%	44%	13%	16(6)
	Common grass/legume species for W WA pastures	0%	6%	56%	25%	13%	16(6)
	Pasture management practices during fall and winter	6%	0%	56%	25%	13%	16(6)
	Grazing management that encourages healthy grass and maximizes available forage	6%	6%	44%	31%	13%	16(6)
Soils 1	Understanding soil structure, type and texture	0%	30%	35%	26%	9%	23(3)
	Causes of erosion and how to minimize them	17%	35%	43%	4%	0%	23(3)
	How to improve soils by adding amendments	0%	17%	52%	26%	4%	23(3)
	How to properly test your soils	4%	17%	43%	17%	17%	23(3)
Soils 2	Understanding major nutrients needed by plants	6%	17%	61%	17%	0%	18(2)
	How soil PH impacts nutrient management	0%	11%	56%	28%	0%	18(2)
	Determining fertilizer needs	0%	17%	56%	17%	0%	18(2)
	How to use manure for fertilizing safely	0%	17%	61%	22%	0%	18(2)
Grazing	Grazing management benefits and practices	0%	15%	70%	10%	5%	20(1)
	Feed and forage needs of animals	0%	30%	55%	15%	0%	20(1)
	Things to consider when evaluating hay	0%	5%	50%	40%	5%	20(1)
	Rotational grazing strategies	15%	10%	60%	15%	0%	20(1)
Weeds	Creating a weed management plan	0%	31%	50%	19%	0%	16(2)
	Plant life cycles of weeds	6%	25%	50%	19%	0%	16(2)
	Methods used to control weeds	13%	13%	56%	19%	0%	16(2)
	Identifying weeds in our area	13%	19%	44%	25%	0%	16(2)
Wildlife	Different pollinators and their importance	15%	54%	31%	0%	0%	13(5)
	How to encourage pollinators	15%	38%	38%	8%	0%	13(5)
	How to create wildlife habitat	31%	23%	38%	8%	0%	13(5)
	Ways to discourage unwanted wildlife	38%	23%	31%	8%	0%	13(5)
Business	Evaluating resources for starting a business	15%	54%	15%	15%	0%	13(5)
	Importance of goal setting & business planning	31%	38%	15%	15%	0%	13(5)
	Resources available for small business entrepreneurs	38%	31%	31%	0%	0%	13(5)
	What it takes to start a small business in agriculture	0%	62%	31%	8%	0%	13(5)
H2O Quality & Resources	Why the Clean Water Program was formed	8%	15%	23%	23%	31%	13(4)
	How the Clean Water Program collects and uses funds to improve our waterways	8%	0%	15%	46%	31%	13(4)
	Clark Co Agricultural Habitat Conservation Ordinance	8%	8%	42%	33%	8%	12(5)
	Resources available at the Clark CD to help landowners	0%	23%	15%	54%	8%	13(4)
Animals & Streams	Understanding impacts animals have on our watershed	38%	25%	38%	0%	0%	16(5)
	Best Management practices that help reduce mud	13%	40%	27%	20%	0%	15(6)
	BMPs for managing manure	12%	41%	35%	12%	0%	17(4)
	LID practices you can do at home	14%	43%	21%	21%	0%	14(7)
Stewardship	What stewardship and sustainability mean for small acreage residents	11%	26%	53%	11%	0%	19(2)
	Applying knowledge of LOL modules in a whole-farm approach	0%	32%	42%	26%	0%	19(2)
	Developing short term actions to achieve long term goals	11%	32%	26%	32%	0%	19(2)
	How to monitor and assess your progress	10%	40%	25%	25%	0%	20(1)

* N = number of respondents; NR = number of non-respondents.

Publicity and Promotion. Participants learned about the class through several different sources; email notification and program events accounted for 67% of the original participants in the course, while the internet, including the WSU Clark County Extension website and the Small Acreage Facebook page, accounted for 18% (Table 11). The program also promoted the class through individual contacts, county programs, and other WSU lists (see announcements and flyers, Appendix B).

Table 11: How Participants Learned About the LOL Class Series

Source	No.	%
E-mail	12	35%
Small Acreage Events	11	32%
Internet (WSU Ext website, Facebook)	6	18%
Friends, family, and neighbors	3	9%
Other (CCEHC Directory, word of mouth, other organizations)	2	6%
Reflector	0	0%
Columbian	0	0%
Post Record	0	0%
Total	34	100%

Deliverables

The program completed the *Living on the Land: Stewardship for Small Acreages* 12 week course and graduated 27 people.

Issues and Recommendations

The Coordinator plans to promote the 2014 course at equine and livestock organizations next year to increase participants who own animals.

Task 2b - Wells and Septic System Maintenance Workshops

The program held three *Well and Septic Inspection Certification, and Maintenance* workshops in 2013. The first workshop, held at Lewisville County Park on June 18, drew 20 of the 40 registered (Table 12). The second workshop was held at East County Fire and Rescue in Camas on August 15 and attracted 33 participants. The third workshop (also part of the LOL class) at the Dollars Corner Fire and Rescue attracted 30 general public attendees with only minimal promotion.

Table 12: Wells & Septics Workshop Attendance & Schedule

Date	Location	Time	Attendance
June 18	Lewisville County Park – Battle Ground	6:15 – 9 pm	20
August 15	East County Fire & Rescue - Camas	6:15 – 9 pm	33
September 17	Dollars Corner Fire & Rescue – Battle Ground	6 – 9 pm*	30
Total Attendance			83

* Workshop as part of *Living on the Land* class series; members of the public invited, but limited to 25. Figure does not include LOL participants.

While most of the agenda remained similar to the previous years' workshops (Table 13), the Coordinator did add a 15 minute PowerPoint presentation on *How My Management Practices Impact*

Clean Water to try and increase knowledge about this topic. Passing the exam certifies homeowners with the Department of Public Health to inspect their own gravity fed septic systems every other time (inspections for this type of system are required every three years and at least every other time the inspection must be performed by a certified O&M professional). Joe Laxson and Bridgette Bashaw of Clark County Public Health instructed the first and third workshops together with Joe covering the septic section and Bridgette covering wells. Joe Laxson and Joe Ellingson instructed the second workshop with the latter covering the material on wells.

Table 13: Wells & Septics Workshop Agenda

Time	Topic
15 min	<i>Introduction</i> – How My Management Practices Impact Clean Water
40 min	<i>Septic System Maintenance</i> – Components of a septic system / How septic systems work / Different types of septic systems / Maintaining your septic system / Causes of septic failure
40 min	<i>Septic System Inspection Demonstration</i> – How to make simple inspection tools / How to measure scum and sludge / How to know when a system needs to be pumped / How to report your inspection to C.C. Public Health
10 min	BREAK
55 min	<i>Protecting Household Drinking Water</i> - Watersheds and water quality / Where does Clark County's water come from? / What is a well and how does it work? / Testing Drinking Water / Protecting Well Water Supplies
5 min	<i>Homeowners O&M Exam / Evaluations</i>

Participants indicated they heard about workshops via e-mail, local newspapers, other Extension programs, and other Small Acreage Program events. The Coordinator distributes flyers at all Small Acreage Program workshops and outreach events (Appendix C).

In order to draw more participants to these workshops, the Coordinator offered a free coliform bacteria test from Addy Labs, which agreed to reduce their fees for this program. Since high coliform counts can indicate a need for well protection, this draws people to the class: test results are only released if participants attend class, however Addy Labs is required to notify Public Health and the homeowner if unsatisfactory results turn up.

Attendees complete a written evaluation to provide feedback and indicate increases in attendee knowledge. The Program changed the evaluation to a simpler "yes-no" format to provide more straightforward interpretation of results. All workshop respondents indicated that they intend to use the information and that the workshop was understandable and answered their questions (Table 14). Most respondents also felt that the septic inspection component was sufficient and that the program was worth their time.

Table 14: Wells & Septics Workshop Evaluation Summary

<i>(scale of 1 to 5 with 5 being excellent)</i>	June 18	Aug 15	Sept 17
	% YES		
Do you intend to use any of this information?	100%	100%	100%
Was the septic inspection component sufficient?	100%	100%	94%
Was this program understandable?	100%	100%	100%
Did the program answer your questions?	100%	100%	100%
Was this program worth your time?	100%	100%	93%
Participants (n)	20	33	30
Evaluations completed	18	22	16
Percent completed evaluations	90%	67%	53%

Participants also rated their knowledge on five topics (1, poor to 5, excellent) before they participated in the workshop and afterwards. The difference represents the relative increase in knowledge by the respondents about the topics presented.

When asked to assess their knowledge, most respondents indicated their knowledge increased about the topics provided (Table 15). Knowledge gain among respondents was fairly even in the first and third workshops with at least 75% of respondents increasing their knowledge on all topics surveyed. In the second workshop at least 90% reported an increase in knowledge for all topics surveyed. Ninety-four percent of respondents increased their knowledge by at least one level about inspecting their septic systems. Over the three workshops at least 83% of respondents also indicated at least some knowledge increase about management practices' impact on clean water, suggesting that adding the PowerPoint presentation on that topic more effectively presenting the topic.

Table 15: Wells & Septics Workshop - Change in Knowledge Level

Workshop	Knowledge Area	Before and After Knowledge Change (As percent of respondents)					
		Same	1	2	3	4	N (NR) *
June 18	Knowledge of well & septic maintenance	12%	41%	29%	12%	6%	17(3)
	Keeping my drinking water healthy	25%	31%	31%	6%	6%	16(4)
	Protecting my septic system	17%	22%	39%	11%	11%	18(2)
	How to properly inspect my septic system	6%	11%	22%	22%	39%	18(2)
	How my management practices impact clean water	17%	44%	22%	6%	11%	18(2)
Aug 15	Knowledge of well & septic maintenance	5%	41%	23%	27%	5%	22(11)
	Keeping my drinking water healthy	5%	53%	21%	11%	11%	19(14)
	Protecting my septic system	0%	50%	23%	27%	0%	22(11)
	How to properly inspect my septic system	0%	18%	32%	32%	18%	22(11)
	How my management practices impact clean water	10%	57%	19%	14%	0%	21(12)
Sept 17	Knowledge of well & septic maintenance	13%	53%	20%	7%	7%	15(15)
	Keeping my drinking water healthy	25%	50%	8%	8%	8%	12(18)
	Protecting my septic system	13%	44%	25%	13%	6%	16(14)
	How to properly inspect my septic system	0%	13%	40%	33%	13%	15(15)
	How my management practices impact clean water	13%	50%	13%	19%	6%	16(14)
Combined	Knowledge of well & septic maintenance	9%	44%	24%	17%	6%	54(29)
	Keeping my drinking water healthy	25%	40%	21%	7%	7%	47(36)
	Protecting my septic system	9%	39%	29%	18%	5%	56(27)
	How to properly inspect my septic system	2%	15%	31%	29%	24%	55(28)
	How my management practices impact clean water	13%	51%	18%	13%	5%	55(28)

*N = number of responses; NR = no response

Respondents' comments were consistent with high numerical rankings they assigned:

"[What I liked best about the program was it] used easy to understand visuals and language; systematic approach."

"Eric and Joe are knowledgeable and gave great information, well worth the time to attend."

"It provided me with basic but helpful info to maintain and monitor my septic system."

Deliverables

The program completed all three of the planned workshops and exceeded the overall expected attendance.

Issues and Recommendations

The workshop hands-on demonstration format developed in 2012 remains popular and the partnership with Clark County Public Health is productive. Public Health hopes to develop an online platform to certify homeowners to inspect their own system, but believes that the demand for workshops will remain.

Task 2c - Best Management Practices Workshops

The Program organized five workshops in 2013, four of which were organized by the Coordinator and one by the AmeriCorps member. They attracted 106 participants. The first workshop on March 23, *Conquering Mount Manure*, attracted 26 participants and addressed manure management, one of the most challenging aspects for facing landowners and clean water. Denise Smee, Clark Conservation District, and the Coordinator presented, followed by a field trip to a Road's End Farm, a model property. The second workshop on June 11 weed management attracted 28 people. The Americorps member organized the workshop and Amber Fox of Sound Native Plants and Bethany Lund of Clark PUD presented. The Program contacted Vegetation Management staff who were busy or did not respond.

The third and fourth workshops, Green Horsekeeping Parts 1 & 2 targeted horse owners. Presented by Karin Hunt of Shady Springs Farm, part 1 attracted 21 participants and covered pastures, grazing, reducing mud, and controlling stormwater, while part 2 attracted 20 participants and covered manure and stable management, and natural pest control.

In order to ensure sufficient attendance, the Coordinator opened up the September 24 *LOL Pasture Establishment and Renovation* session to the public. The workshop drew 11 people and focused on grazing management, seeding techniques, tilling, types of forage, and fall and winter management practices. Gene Pirelli of Oregon State University Extension instructed the workshop.

Evaluation. Attendees complete a written evaluation to provide feedback and rate the workshops. All workshop respondents indicated they intend to use the information provided and all but one of 76 respondents for the five workshops said they learned something new or how to do something differently (Table 16).

Table 16: Evaluation Summary for BMP Workshops

Question	Manure	Weeds	Horse 1	Horse 2	Pasture	Average
What overall score would you give this event?	4.8	4.1	4.6	4.4	4.6	4.5
	Number of respondents indicating 'YES'					Total
Intend to use any of the info provided?	12	18	18	16	11	75
Learn something new or how to do others differently?	12	18	18	16	11	75
Participants	26	28	21	20	11	106

Participants also assessed their knowledge about four key topics presented during the three workshops, using a scale of one to five: a response of one equals poor, two fair, three average, four good, and five excellent.

For the March 23 workshop, *Conquering Mount Manure*, 92% of respondents increased their knowledge about general manure management (Table 17). At least 46% of respondents indicated knowledge increases of two levels or more about all topics surveyed. Sixty-four percent of respondents increased their knowledge about how manure management practices impact water quality, a proportion lower than desired. The Coordinator attributes this to a less comprehensive presentation on the topic at the beginning of class.

Table 17: BMP Workshops - Change in Knowledge Levels

	Knowledge Area	Before and After Workshop Knowledge Change (As percent of respondents ⁺)					
		Same	1	2	3	4	N (NR) *
Manure	General Manure Management	8%	33%	42%	8%	8%	12(14)
	Composting manure properly	25%	25%	25%	8%	17%	12(14)
	Different ways to utilize manure	33%	17%	25%	17%	8%	12(14)
	How manure management practices impact water quality	36%	18%	27%	9%	9%	11(15)
Weeds	Weed Identification and Lifecycle	28%	56%	6%	6%	6%	18(10)
	Physical weed management methods	17%	44%	28%	11%	0%	18(10)
	Chemical weed management	24%	47%	6%	24%	0%	17(11)
	How weed management practices impact water quality	35%	35%	18%	12%	0%	17(11)
Horse 1	Practices that will improve pastures	12%	35%	29%	18%	6%	17(4)
	Ways to reduce mud & improve drainage	11%	44%	33%	11%	0%	18(3)
	Designing a sacrifice area/winter paddock	11%	33%	33%	11%	11%	18(3)
	How management practices impact water quality	22%	44%	22%	11%	0%	18(3)
Horse 2	Managing manure	31%	25%	25%	6%	13%	16(4)
	Stable management practices that improve operation & animal health	44%	25%	25%	0%	6%	16(4)
	Safe practices to control pests	44%	19%	25%	6%	6%	16(4)
	How management practices impact water quality	38%	25%	38%	0%	0%	16(4)
Pasture	Methods for renovating/reseeding pastures	0%	18%	36%	27%	18%	11(0)
	Pasture management practices for fall & winter	0%	9%	55%	18%	18%	11(0)
	Common grass/legume species for Western WA	0%	9%	45%	27%	18%	11(0)
	How pasture management practices impact water quality	9%	55%	0%	27%	9%	11(0)

* N = number of responses; NR = no response

+ May not equal 100% due to rounding

Evaluations from the June 11 workshop on *What to Do About Weeds* indicate that 83% of respondents increased their knowledge by at least one level about physical weed management methods, one of the central themes of the workshop. The AmeriCorps member did the introduction and talked about how weed management practices impact water quality which resulted in 65% of respondents indicating some knowledge increase about that topic.

In the *Green Horsekeeping Part 1* workshop on August 20, at least 78% of respondents increased their knowledge about the three core topics of the workshop, practices that will improve pastures, ways to

reduce mud and improve drainage, and designing a sacrifice area. At least 44% of respondents increased their knowledge on those topics by two levels or more. This is likely due to incorporating a new PowerPoint presentation about the topic at the beginning of class.

The percentage of respondents reporting knowledge increases in the *Green Horsekeeping Part 2* workshop fell off from the Part 1 workshop and was the lowest of any BMP workshop in 2013. Still, at least 56% of respondents increased their knowledge by one or more levels about the topics presented. Sixty-two percent of respondents increased their knowledge at least one level about how management practices impact water quality. Lower reported knowledge increases likely result from the number of people who attended both workshops and learned overlapping information in the first.

At least 91% of respondents for the November 6 pasture workshop learned something on the four topics. Respondents increased their knowledge most on two topics: methods for renovating and reseeding pastures and common grass and legume species in western Washington pastures.

Promotion. The program promoted the workshops through the Small Acreage Facebook page, press releases, e-mails to WSU listservs, and, fliers provided at other events (Appendix D).

Deliverables

The program completed all three of the proposed BMP workshops plus an additional two with 106 people attending.

Issues and Recommendations

None.

Task 2d - Outreach Events and Promotional Activities

Washington State Horse Expo. The Washington State Horse Expo was held at the Clark County Fairgrounds from February 15-17. The program shared a booth with Clark County Vegetation Management and provided factsheets, collected names to add to the listserv, and promoted the programs offered throughout the year. The Coordinator made 73 contacts and gathered 38 email addresses to add to the listserv.

Clark Conservation District Plant Sale. The program provided factsheets and flyers promoting the Small Acreage Expo at the Clark Conservation District annual plant sale February 21 to 23 at the CASEE Center in Brush Prairie.

Small Acreage Exposition. The Program hosted the eighth annual *Small Acreage Expo* at the 78th Street Heritage Farm on Saturday, April 13th and drew 96 people. The Coordinator distributed flyers at outreach events, workshops, farm supply stores, and libraries; sent e-mails to all WSU Extension listservs; and posted the Expo program and registration on the WSU Extension and Small Acreage web pages. Paid advertisements were placed in *The Reflector* in late March and early April. Press releases were submitted to all local media (Appendix E).

Fourteen speakers presented 14 different topics, including rainwater harvesting, drainage solutions, septic inspection, and manure composting. Participants selected from four concurrent classes during each session (Table 18). Low registration forced cancellation of one session, Livestock IPM. The

fencing demonstration was also cancelled because the speaker backed out the week prior to the event. Several sessions provided participants with hands-on opportunities, tours, and demonstrations. In addition, an open house was held during the lunch break which featured local resources and agencies available to assist small acreage landowners.

Table 18: Small Acreage Exposition Schedule

	Time	Session	Title	Speaker(s)
Session A	9:00 to 10:15	A1	Get the Lime Lowdown	Gordon French, LJC Feeds
		A2	Septic Inspection Certification	Steve Keirn, Clark County Public Health
		A3	Drainage Solutions	Seth & Steve Kenworthy, Drainage Masters
		A4	Are Weeds Ruling Your Paradise?	Ron Hendrickson, C.C. Vegetation Mngt.
Session B	10:30 to 11:45	B1	Preventative Health for Horses	Dr. Brian Johnson, Equine Veterinary Service
		B2	Treasures of the Forest	Jim Freed, WSU Extension
		B3	Chainsaw Safety & Maintenance	John Buttrell, Arbor Scape
		B4	Maximize Pasture Production	Gene Pirelli, OSU Extension
	11:45 to 1:00	Open House, Greenhouse Tour, Manure Spreader Demo, Lunch		
Session C	1:00 to 2:15	C1	Current Use Taxation?	Joe Utterback, Clark County Assessor
		C2	Pastured Poultry	Matt Schwab, Inspiration Plantation
		C3	78th St. Heritage Farm Tour	Blair Wolfley, WSU Clark County Extension
		C4	Winter Paddock Design	Karin Hunt, Shady Springs Farm
Session D	2:30 to 3:45	D1	Rotational Grazing and Animal Nutrition	Gary Fredricks, WSU Cowlitz County Extension
		D2	Rural Living 101	Denise Smee, Clark Conservation District
		D3	Increasing Nutrient Density	Jacqueline Freeman, Friendly Haven Rise Farm
		D4	Most Wanted: Top 3 Fruit Tree Pests	Robert Blake, WSU Clark County Extension

Participants received check-in packets of handouts on small acreage property management, a schedule of Expo classes (Appendix D), information on upcoming events, and program promotional materials. Registration was free, but registrants could purchase lunch for \$10 from a local caterer. The 4-H Robotics Club sold snacks, coffee, tea, and drinking water as a fundraising function. The Coordinator arranged for nine organizations and three businesses to set up informational displays or provide informational materials: Vegetation Management, Clark Conservation District, DNR Small Forest Landowners, Naturescaping SW Washington, Master Composters, Master Gardeners, Master Food Preservers, Watershed Stewards, and the Small Acreage Program.

Table 19: Overall Event Program Evaluation

	Average	N (NR) *
What overall score would you give this event?	4.7	55 (51)
Do you intend to use any of the information provided?	4.4	52 (54)
Did you learn something new or how to do others differently?	4.7	53 (53)
How much will you use this information to change what you do on your land?	4.3	53 (53)
Overall Average	4.5	
Attendance	106	
Evaluations Completed (n)	56	
Returned Evaluations	53%	

*N = number of responses; NR = no response

Fifty-six participants submitted evaluations for the event as a whole, a return rate of 53% (Table 19). Once again, offering door prizes in exchange for completing evaluations likely helped this return rate. Respondents rated the program overall an average of 4.5, with no ranking below 4.3 on a scale of one to five, five being the highest. Of those participants that completed an event evaluation, 77% indicated they would recommend the program to others.

Individual Expo Sessions. Participants were asked to assess their change in knowledge on evaluations for all of the individual sessions. Participants were also asked whether the information they learned would be used to change what they do at home. Due to the open nature of the sessions, participant counts cannot be accurately made and often the evaluations returned are so few that general interpretations cannot be drawn.

The majority of respondents from all classes reported their knowledge levels increased at least one or two levels about most topic areas in the workshops (Table 20). For those responding, the Expo appears to provide information they are interested in and find valuable.

Gordon French returned again this year to present about appropriate timing and quantities of applying fertilizers and limes to local pastures. As a result of the session, ninety-two percent of respondents learned at least something about how to utilize soil test to determine fertilizer and lime application rates and 92% of respondents said that they would what they learned to change what they do at home. Gordon continues to provide a high quality presentation that provides the information landowners are looking for.

Steve Keirn of Clark County Public Health gave a presentation on septic maintenance that included a chance for those with a gravity fed system the opportunity to get certified to inspect their own system. Nine of the 11 respondents indicated their knowledge increased about how to properly inspect a septic system. Steve arrived 35 minutes late to the presentation which probably had a negative impact on the evaluations for that class.

Seth Kenworthy of Drainage Masters, a local landscaping and drainage installation business provided an interactive and hands-on presentation to attendees on how to utilize different types of drainage installations to manage roof runoff. His casual and easy demeanor was appreciated by attendees. All respondents indicated an ~~at least a one level~~ increase in knowledge on all topics presented, and that they would use the information they learned at home.

Ron Hendrickson of Clark County Vegetation Management gave a presentation on controlling noxious, toxic and invasive weeds. All respondents indicated increasing their knowledge about other (not chemical) ways of controlling weeds, and that they would use the information they learned at home.

Jim Freed, WSU Extension Special Forest Products specialist gave a popular talk on special forest products and agroforestry. The class had the second highest attendance and 90% of respondents increased their knowledge about all topics surveyed. Jim did a great job presenting to our audience of mostly small forest landowners and all respondents said they'd use the information at home.

In an effort to attract more horse owners, the Coordinator asked Dr. Brian Johnson from Equine Veterinary Services to give a presentation on Preventative Steps for Healthy Horses. The topic only attracted nine participants, five of which indicated they'd use the information to change what they do at home. Five respondents also reported knowledge increases about management practices that can benefit horse health.

John Buttrell gave a talk on chainsaw safety and maintenance to 18 attendees. Ten of twelve respondents indicated at least some knowledge gained for all topics and eleven said they use what they learned to change what they do at home.

Table 20: Small Acreage Expo Participant Change in Knowledge Levels

Expo Session	Knowledge Area	Before and After Class Knowledge Change (As percent of respondents)					
		Same	1	2	3	4	N (NR)*
Lowdown on Lime	Understanding soil pH & basic soil biology	15%	31%	31%	23%	0%	13 (0)
	Utilizing soil tests to determine fertilizer and lime application rates	8%	31%	31%	23%	8%	13 (0)
	Applying lime for soil and pasture health	8%	8%	46%	31%	8%	13 (0)
	Will you use any of the information to change what you do at home?		Yes 92%		No 8%		13 (0)
Septic Inspection	The importance of inspecting your septic system	45%	9%	27%	18%	0%	11 (15)
	How to properly inspect your septic system	18%	9%	45%	27%	0%	11 (15)
	How often your septic system should be inspected	55%	9%	18%	9%	9%	11 (15)
	Will you use any of the information to change what you do at home?		Yes 82%		No 18%		11 (15)
Drainage Solutions for Small Acreages	How to manage runoff	0%	40%	20%	33%	7%	15 (4)
	Utilizing French drains and other methods to manage runoff	0%	13%	47%	40%	0%	15 (4)
	How to build and install a French drain	0%	20%	27%	53%	0%	15 (4)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		13 (6)
Weed ID & Mgmt	Properly identifying problem weeds in Clark county	19%	50%	31%	0%	0%	16 (3)
	Properly utilizing pesticides to control weeds	25%	44%	25%	6%	0%	16 (3)
	Other methods of controlling weeds on your property	0%	69%	25%	6%	0%	16 (3)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		16 (3)
Treasures of the Forest	Special forest products in the PNW	10%	40%	30%	10%	10%	20 (12)
	Agroforestry approach to land management	10%	30%	40%	10%	10%	20 (12)
	Resources available to learn more about special forest products on your property	10%	15%	35%	25%	15%	20 (12)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		18 (14)
Preventative Steps for Healthy Horses	Management practices that can benefit horse health	38%	50%	0%	13%	0%	8 (1)
	Routine check-ups and treatments that can prevent serious health issues	38%	38%	13%	13%	0%	8 (1)
	What is your knowledge of this topic	25%	63%	0%	13%	0%	8 (1)
	Will you use any of the information to change what you do at home?		Yes 63%		No 37%		8 (1)
Chainsaw Safety and Maintenance	How to operate a chainsaw safely	17%	17%	42%	17%	8%	12 (6)
	General Chainsaw maintenance	17%	25%	25%	33%	0%	12 (6)
	What was your knowledge of this topic	17%	33%	33%	8%	8%	12 (6)
	Will you use any of the information to change what you do at home?		Yes 92%		No 8%		12 (6)

* N = number of respondents; NR = estimate of non-respondents, based on registration for each session. Due to the open nature of the event, participants may elect to attend classes other than what they registered for.

Table 20 Continued

Maximize Pasture Production	Methods used to renovate a pasture	18%	9%	36%	36%	0%	11 (7)
	Pros and Cons of various grass species	0%	18%	27%	36%	18%	11 (7)
	The relationship between root growth and pasture health	36%	27%	27%	0%	9%	11 (7)
	Will you use any of the information to change what you do at home?		Yes		No		10 (8)
		90%		10%			
Pastured Poultry	Benefits of raising poultry on pasture	11%	43%	29%	14%	4%	28 (13)
	Setting up field pens and housing for pastured poultry	11%	46%	21%	18%	4%	28 (13)
	Additional nutritional requirements for pastured poultry	11%	50%	21%	11%	7%	28 (13)
	Will you use any of the information to change what you do at home?		Yes		No		22 (19)
		86%		14%			
78 th Street Heritage Farm Tour	History of the 78 th Street Heritage Farm	0%	0%	0%	0%	100%	3 (4)
	How this land is being utilized to serve the community in Clark County	0%	0%	0%	33%	67%	3 (4)
	Resources available at the 78 th Street Heritage Farm	0%	0%	0%	33%	67%	3 (4)
	Will you use any of the information to change what you do at home?		Yes		No		3 (4)
		100%		0%			
Winter Paddock Design	Benefits of having a winter paddock/sacrifice area	40%	20%	20%	0%	20%	5 (2)
	Site considerations for your winter paddock/sacrifice area	20%	20%	40%	0%	20%	5 (2)
	Pros & Cons of various footing materials	0%	40%	40%	20%	0%	5 (2)
	Will you use any of the information to change what you do at home?		Yes		No		4 (3)
		100%		0%			
Rotational Grazing & Animal Nutrition	Principles of rotational grazing	0%	50%	0%	50%	0%	6 (5)
	Fencing configurations and equipment	0%	50%	17%	17%	17%	6 (5)
	Additional nutritional needs for animals	0%	17%	50%	17%	17%	6 (5)
	Will you use any of the information to change what you do at home?		Yes		No		5 (6)
		100%		0%			
Fruit Tree Pests & Organic Controls	Top fly pests threatening fruit trees in Clark County	7%	14%	36%	36%	7%	14 (15)
	How to identify and organically control flies	0%	21%	36%	36%	7%	14 (15)
	Where to find additional resources for managing tree pests	7%	21%	36%	29%	7%	14 (15)
	Will you use any of the information to change what you do at home?		Yes		No		14 (15)
		93%		7%			
Sustainable Rural Living 101	Regulations in Clark County that may pertain to small acreage landowners	12%	24%	35%	29%	0%	17 (12)
	BMPs that benefit landowners, protect natural resources and avoid regulatory interference	12%	24%	35%	29%	0%	17 (12)
	Resources available in C.C. to help landowners manage their land	6%	18%	47%	24%	6%	17 (12)
	Will you use any of the information to change what you do at home?		Yes		No		16 (13)
		56%		44%			

Gene Pirelli from OSU Extension gave a presentation on pasture management and grass identification that attracted 18 participants. The grass identification portion was especially effective with 54% six of eleven respondents increasing their knowledge by at least three levels on the topic of pros and cons of various grass species. Nine out of 10 respondents said they'd use what they learned to change what they did at home.

Joe Utterback from the Clark County Assessor's Office gave a presentation on current use taxation which attracted 20 participants. Joe and a volunteer forgot to collect evaluations so none are available for that class.

Matt Schwab, owner of Inspiration Plantation presented on pastured poultry. The class was the most popular and attracted 41 participants. Eighty-nine percent of respondents increased their knowledge by at least one level for all three questions surveyed. Eighty-six percent said they'd use what they learned to change what they did at home.

Blair Wolfley, retired WSU Extension faculty, took participants on a tour of the 78th Street Heritage Farm. The tour highlighted the history of the farm, how the space is used to benefit the community and the resources provided by WSU Extension. Although positive, only three evaluations were returned.

Karin Hunt, owner of Shady Springs Farm (horse boarding facility in Oregon), gave a presentation on winter paddock/sacrifice area design. Karin shared a lot of great information she has gathered from years of experience and experimenting with various designs and footing materials. This was another workshop meant to attract horse owners but only seven attended and cool windy weather was a factor in some people choosing different classes to attend at the last minute. All respondents indicated an increase in knowledge about pros and cons of various footing materials and that they'd use information from the class at home.

Gary Fredricks of WSU Cowlitz County Extension presented on Rotational Grazing and Animal Nutrition. The class was attended by 11 participants and all six respondents indicated an increase of knowledge for all three topics surveyed. All five respondents also said they'd use what they learned to change what they do at home.

WSU fly pest researcher Robert Goughnor gave a talk on fruit tree pests and organic controls. The workshop was the third best attended and attracted 29 participants. Seventy-two percent of the 14 respondents reported knowledge gains of at least two change on all topics surveyed and 93% said they'd use the information to change what they do at home.

Denise Smee from the Clark Conservation District provided a presentation on the habitat conservation ordinance, BMPs, and where landowners can find additional resources. This class was tied for third best attended with 29 participants and 88% of respondents said they increased their knowledge ~~by at least one level~~ on all topics surveyed. Only 56% of respondents indicated they would use the information to change what they do at home. Judging from the comments this is likely due to people being misled by the class title Sustainable Small Acreage Living 101 and thinking it was going to be about renewable energy and sustainable agriculture.

Overall return rates for all sessions improved from last year due to a concerted effort by the coordinator and volunteers to remind attendees to turn in completed surveys after each class. The Coordinator had hired a part time employee, but she was sick the day of the event.

Veterinarian and Farrier Outreach. The Coordinator sent flyers about program flyers and announcements to local veterinarians throughout 2013. The Coordinator also made contacts with Ridgefield Equine Service and Equine Veterinary services, the later presenting at the Small Acreage Expo for a session.

Harvest Celebration. The 15th annual Clark County Harvest Celebration drew 1284 people on Saturday September 21 from 10 am to 3 pm. The event showcased fourteen farms, including five model properties. Scattered showers may have kept some people away, but a heavy rain storm held off until the end of the tour (Table 21). Some of the farms did not have volunteers for part of the day to count visitors so some attendance numbers may be slightly under reported. Every farm displayed a poster highlighting its features and each of the four clean water signage farms displayed an additional poster highlighting the BMP's they have implemented on their properties.

Table 21: 2013 Harvest Celebration Attendance

Farm	Visitors	Multiple Farm Visitors
Compass Rose Alpacas*	27	18
Northwest Organic Farms	341	47
Inspiration Plantation+	93	16
78 th Street Farm/Friendly Haven Rise	278	n/a
Kunze Farms	103	5
Storytree Farm*	79	9
Bi-Zi Farms+	12	14
Botany Bay Farm+	129	26
Half Moon Farm	64	n/a
Garden Delights CSA & Herb Farm*	42	3
Five Sprouts Farm*	10	44
Yacolt Mountain Farm & Nursery	62	15
Linda's Dahlias & More	21	n/a
Conway Family Farm*	23	9
Total	1,284	206

* Farms with clean water signage.

+Some farm's visitor numbers are underreported due to volunteers leaving early or confusion in counting process.

The Coordinator publicized the event at other Small Acreage program events, using WSU Extension listservs, the Small Acreage program Facebook page, flyers at local feed stores and libraries, press releases to the *Columbian*, the *Oregonian*, the *Reflector*, the *Capital Press* and the *Post Record* (Appendix E). North Bank Magazine, a free local Clark County quarterly publication also ran a story on the Harvest Celebration.

Deliverables

All the deliverables were met except the veterinarian and farrier outreach, which did not take place.

Issues and Recommendations

The Coordinator will consider changing venues for the Small Acreage Expo. Inclement weather in 2013 made conditions for conducting workshops under the tents difficult. The greenhouse space can also be challenging if it's a sunny day. Potential sites include farms or a college campus.

The Coordinator will also look into providing food at the Expo in an effort to keep participants in the venue and able to visit organizations at the open house.

With the closing of the Watershed Steward program, the Coordinator will need to find new ways to conduct outreach at public events. Strategies may include finding partnerships to share a booth with or visiting with target audiences at public events such as the Clark County Fair or equine events.

The veterinarian and farrier outreach should be started early in 2014. The Coordinator will work with these professionals on partnering for workshops.

Finding enough volunteers to count participants at all of the farms on the Harvest Celebration remains a challenge. The Coordinator will either scale back the number of farms participating, or find a better way to attract volunteers. Farms with staff or family to assist in this manner will be given priority.

Task 2e - Outreach Database

The Coordinator relied on outreach events to grow the outreach database in 2013. The Coordinator added 111 names and emails to the listserv in 2013. The e-mail listserv is updated as needed, based on sign ups received at outreach events, workshop, and class registrations; and requests for removal.

Deliverables

The e-mail listserv was updated throughout the year as needed.

Issues and Recommendations

Using the Clark County GIS system to update the database and then to do a mailing would take an inordinate amount of time and funding to complete. Alternative methods of outreach will be investigated next year.

Task 3 - Model Small Acreage Properties

Task 3a - Property Tours

The program completed all of four planned tours to model properties. Tours demonstrated sound management practices to minimize surface water pollution and improve overall property aesthetics to 71 participants. The tours provided a casual, peer-to-peer learning environment which promotes acceptance and understanding of information about BMP implementation.

The Coordinator promoted tours through flyers at program events, the listserv, other WSU program listservs, and press releases to local newspapers (Appendix F).

The first property tour took place in the second quarter and was hosted by El Rancho Los Dos Amigos on June 8, attracting 28 participants. The tour highlighted manure management, composting, pasture management, sacrifice area design, and stormwater management.

The second tour, hosted by Storytree Farm in Vancouver on July 30, attracted 21 participants. Tour goers learned how a CSA farm follows organic practices, uses high tunnels, integrates soil tests, implements IPM, and creates pollinator habitat with hedgerows.

The third property tour took place on September 14 at Shady Springs Farm in rural NW Portland. The Coordinator does not typically schedule tours outside of Clark County, but owner Karin Hunt agreed to hold a tour at her farm to highlight the topics she presented in the Green Horsekeeping workshops weeks prior. The tour attracted just 11 participants and highlighted pasture management, multiple sacrifice area designs, rotational grazing, stormwater management, IPM and manure management and composting.

The fourth tour on November 2 at Compass Rose Alpaca Farm in La Center, attracted 11 participants and covered manure management, bedding for animals, barn and stable design, controlling stormwater runoff, pasture management, fencing, wildlife habitat and footing materials to reduce mud.

Evaluation. All tour respondents indicated that they learned something new or how to do something differently and all but one of 60 respondents said they intend to use the information provided (Table 24). Sixty of 71 participants returned evaluations in the four tours. Respondents' gave overall scores for each tour ranging from an average of 4.3 at the September 14 tour to 4.8 for the July 30 tour.

Table 24: Evaluation Summary for Small Acreage Tour

	June 8	July 30	Sept 14	Nov 2
What overall score would you give this tour?	4.7	4.8	4.3	4.6
	% YES			
Do you intend to use any of this information?	100%	94%	100%	100%
Did you learn something new or how to do other differently?	100%	100%	100%	100%
Participants	28	21	11	11
Evaluations Completed	24 (86%)	18(86%)	8 (73%)	10 (91%)

Participants also reported their knowledge on five topics (1, poor to 5, excellent) before and after the tour which indicates the change in their knowledge level resulting from information provided. Among the four tours, between 62% and 75% of respondents reported increasing knowledge about how management practices impact water quality.

At the June 8 tour, 92% of respondents showed at least a one level increase in knowledge about ways to manage runoff and control mud, while 46% of respondents indicated a knowledge increase of at least two levels on the topic of manure management (Table 25).

Eighty-nine percent of respondents at the July 30 tour indicated that they increased their knowledge about soil sampling, the highest among the topics covered on the tour. At least 56% of respondents reported an increase in knowledge for all four topics surveyed.

All respondents at the September 14 tour indicated knowledge increase about ways to manage runoff and control mud. While at least 62% of respondents reported an increase in knowledge for each of the four topics surveyed, no respondents increased their knowledge by more than two levels on any of the topics.

Table 25: Small Acreage Tours - Change in Knowledge Levels

Date	Knowledge Area	Before and After Tour Knowledge Change (As percent of respondents ⁺)					
		Same	1	2	3	4	N (NR)*
June 8	Knowledge of pasture management	13%	43%	22%	17%	4%	23 (5)
	Knowledge of manure management and composting	29%	25%	38%	4%	4%	24 (4)
	Ways to manage runoff and control mud	8%	58%	25%	4%	4%	24 (4)
	How management practices impact water quality	32%	36%	23%	5%	5%	22 (6)
July 30	Knowledge of organic farming practices	28%	33%	11%	17%	11%	18 (3)
	Knowledge of soil sampling	11%	28%	28%	11%	11%	18 (3)
	Ways of providing pollinator habitat	44%	22%	11%	17%	6%	18 (3)
	How management practices impact clean water	33%	39%	22%	0%	6%	18 (3)
Sept 14	Knowledge of pasture management	25%	50%	13%	0%	0%	8 (3)
	Knowledge of manure management and composting	25%	38%	25%	0%	0%	8 (3)
	Ways to manage runoff and control mud	0%	75%	25%	0%	0%	8 (3)
	How management practices impact clean water	38%	38%	13%	0%	0%	8 (3)
Nov 2	Knowledge of pasture management	22%	33%	33%	11%	0%	9 (2)
	Knowledge of manure management and composting	20%	20%	50%	10%	0%	10 (1)
	Ways to manage runoff and control mud	20%	10%	60%	10%	0%	10 (1)
	How management practices impact clean water	25%	25%	25%	25%	0%	8 (3)

* N = number of responses; NR = no response + May not equal 100% due to rounding

At the November 2 tour at least 75% of respondents increased their knowledge one level or more on the tour topics surveyed. Seventy percent increased their knowledge two levels or more about ways to manage runoff and control mud and 50% did on the topic of how management practices impact clean water. The Coordinator handed out copies of the Water Quality Self-Assessment Guide for Small Acreages and discussed each section as it came up on the tour, which provided a good opportunity to discuss how management practices impact water quality.

Some comments from respondents include:

“[The most informative part of the tour was] the use of land and how to co-exist [with] hills, riparian zones and horses into one item.”

“[I plan to implement] pasture and manure management.”

“[The most informative part of the tour was the] re-awareness of run-off, water diversion, mud, [and] pasture ideas.”

“[I plan to implement the practice of using] cover crops.”

Deliverables

Four tours were completed.

Issues and Recommendations

At the final tour of the year the Coordinator handed out copies of the Water Quality Self-Assessment Guide for Small Acreages and discussed each section as it came up on the tour. This was an effective way to discuss how the hosting property could be improved, what they were doing well, and to familiarize participants with how to use the assessment at home. The Coordinator will also work with landowners hosting tours to create a sheet with bullet points highlighting each BMP to make sure those aspects are covered clearly.

Task 3b - Signage Recognition

The Coordinator highlights the signage recognition program at all property tours, classes, and workshops. The program also solicits landowners interested in participating in the program at the Expo and all other outreach events, through Clark Conservation District referrals, and emails to the small acreage listserv and former LOL graduates.

The Coordinator conducted five site visits in 2013, all of which qualified for signage: a five acre certified organic property in Camas, a 2.6 acre homestead in Battle Ground, a 5.1 acre herb and livestock farm in Brush Prairie, a 9.8 acre horse farm in Battle Ground and an 8.5 acre horse farm in Brush Prairie. Each landowner received signs and the Program posted photos on the Small Acreage Facebook page congratulating them on their achievement. A press release was published in a local newspaper congratulating one of the landowners (Appendix G).

The proposed promotional video featuring model property owners and their relationship to stewardship and the Small Acreage Program was not completed. The Coordinator did not have time to recruit videographers and cooperative land owners to assist with the project.

Deliverables

The program was able to award five out of the eight required properties with a sign. A video interviewing model property owners was not completed.

Issues and Recommendations

The Coordinator was able to increase interest in the signage program, but arranging visits is a slow process. Follow up is key to this project and the Coordinator plans to maintain contact to set up a number of visits in 2014 with farms that expressed interest in 2013.

The Coordinator did not complete the video project since the time required was underestimated when included in the scope of work.

Task 3c – Promoting of Model Properties

In an effort to increase participation in the model property signage program, the Coordinator worked with a Watershed Steward volunteer to design and create a miniature model of a model small acreage

property. The model is approximately 90% complete and final details are planned to be completed by early 2014.

Deliverables

The Coordinator did not complete the miniature model of a model property.

Issues and Recommendations

The Coordinator worked with a 2013 graduate of the Watershed Stewards Program to design the model. The volunteer worked on the model, but conflicting obligations slowed the completion of the project. The volunteer was using the time spent working on the model towards required Watershed Steward hours.

Task 4 – Small Farms Outreach

Task 4a - Agricultural Entrepreneurship

The program organized its sixth *Agricultural Entrepreneurship and Business Planning* class series since 2008. The schedule closely matched the 2012 schedule, with a change in instructors for the market analysis topic and a new speaker presenting on insurance (Table 26). The Coordinator also added presentations for three new topics, *Farm Resource Inventory and Holistic Planning*, *Financing the Family*

Table 26: Agricultural Entrepreneurship Course Schedule

Date	Topic	Instructor(s) & Guest Speakers
Jan 16	Introduction - Business Planning Basics <i>Vision, goals & mission statement</i> ; Product and Industry Description: <i>Research Methods</i>	Instructor: Eric Lambert, WSU Clark County Extension and Marianne Bash, WSU Vancouver Library
Jan 23	Product and Industry Description: <i>Business Structures</i> ; <i>Farm Resource Inventory and Holistic Planning</i>	Instructors: Matt Bisturis, Schwabe, Williamson and Wyatt and Charles Brun, WSU Clark County Extension
Jan 30	Marketing Options: <i>Farmers Markets</i> <i>Direct Marketing a CSA</i>	Instructor: Jan Boldt, SCORE, Jordan Boldt, Vancouver Farmers Market; Guest farmer: Anne Lawrence, Storytree Farm
Feb 6	Market Analysis: <i>Methods of Conducting Analysis</i> ; Management and Operations: <i>Financing the Family Farm</i>	Instructors: Ava Stevens, SCORE and Taylor Murray, USDA FSA Loan Officer
Feb 13	Marketing: <i>The 5 P's</i> ; <i>Managing & Marketing the Small Family Farm</i>	Instructor: Erin Harwood, Clark College Guest Speaker: Lorrie Conway, Conway Family Farms
Feb 20	Management and Operations: <i>Taxes, Licenses and Payroll</i> ; <i>Marketing Your Farm Know How</i>	Instructor: Barb Funk, Battle Ground Tax Services Guest famer: Jacqueline Freeman, Friendly Haven Rise Farm
Feb 27	Management and Operations: <i>Risk Management</i> ; <i>Direct Marketing to Retail, Restaurants and Institutions</i>	Instructors: John Nelson, Western Center for Risk Management Education, WSU Extensio; Guest Farmers: Jason Karnezis and Amber Baker, Red Truck Farm
Mar 6	Management and Operations: <i>Regulations Insurance</i>	Instructors: Roger Beekman and Ken Knittle, WSDA Food Safety and Steve Kidder, Kidder-Bonstien Insurance Services
Mar 13	Financing: <i>Record Keeping & Basic Budgets</i>	Instructor: Lorrie Conway, Northwest Accounting
Mar 20	Graduation Celebration Present finished business plans	Instructors: Students

Farm, and Direct Marketing to Retail, Restaurants and Institutions. Participants learn about business planning, marketing methods and opportunities, and how to develop or expand a small farm business. They produce a completed business plan by the last class and present their business plan to the class on the final evening. Farmers and small business people serve as guest speakers, bringing valuable practical experience to the class. The ten-week class series began January 16 and ended March 20.

The Coordinator distributed flyers to local feed stores, libraries, sent e-mails to the Small Acreage listserv, submitted press releases to local media, and posted the class on the WSU Clark County Extension Events Calendar (Appendix H). Paid advertisements were also placed in the Reflector and the Camas-Washougal Post Record.

While thirty-one people registered, 19 participants with 15 properties (three rent) attended seven of the ten classes, meeting the graduation requirement (Table 27). Six of the original 31 registrants withdrew from the class series due to health issues, time conflicts, and issues with work. The remaining six participants were unable to attend as many sessions as they planned. Car troubles, time conflicts, work, and family matters led to their inability to attend.

Table 27: Agricultural Entrepreneurship Attendance

Classes Attended	# Participants	As % of Participants
10	8	26%
9	7	23%
8	2	6%
7	2	6%
6	2	6%
5	3	10%
4	2	6%
3	0	0%
2	0	0%
1	2	6%

Eleven (58%) graduates currently run small farm businesses on their property, including landscaping, eggs, meat production, produce, and Christmas trees. Forty-two percent of the graduates come from north Clark County, sixteen percent from south Clark County, and five percent came from central Clark County. Thirty-two percent of graduates came from other Washington counties including Cowlitz, Wahkiakum, and Thurston, which is a higher proportion than in previous years where the average is 13% (Table 28).

Table 28: Geographic Distribution of Farms

Area	City/Town	Graduates	Area
North	Amboy	0	8
	La Center	2	
	Ridgefield	2	
	Woodland	4	
	Yacolt	0	
Central	Brush Prairie	0	1
	Battle Ground	1	
South	Camas	1	3
	Vancouver	1	
	Washougal	1	
Out of County	Cowlitz/Thurston/Wahkiakum	6	6

Overall, participants rated classes well, with just one average score below 4.0 on a scale of one to five, with five being highest (Table 29).

Table 29: Agricultural Entrepreneurship Evaluation Summary

	Planning Basics	Product/ Industry	Market Analysis	Marketing I	Marketing II	Taxes & Payroll	Risk Mgmt.	Regulation	Budgeting
Use any of this info?	4.3	4.4	3.8	4.3	4.1	4.2	3.9	4.6	4.6
Learn something?	4.0	4.4	3.8	4.4	4.0	4.4	4.2	4.3	4.4
Overall session score	4.1	4.2	3.6	4.6	4.5	4.8	4.1	4.0	4.6
Average	4.1	4.3	3.7	4.4	4.2	4.1	4.1	4.3	4.5

Participant comments indicate they enjoyed the course sessions and learned valuable information for planning their business:

“I plan on using my business plan as a living document that I will constantly revisit and amend. The resources provided in this class will surely come in handy for revisiting the business plan.”

“[The class] not only showed me what I want to do but also some of the things I don't want to do and that was useful.”

“Motivating, useful, organized, informative and fun.”

“[I liked most] the organization of the program [and that] presentations followed the business plan model and also, the follow thru e-mails each week.”

For each topic, respondents assessed their knowledge before and after the class. The number of evaluations submitted by participants fluctuates each week due to some classes running late and some participants who do not complete an evaluation. The Coordinator encourages students to submit their evaluations immediately after the class session, but also accepts any evaluation throughout the course, and provides reminders at the end of each class to submit any outstanding evaluations.

Fifty-three percent to 100% of respondents learned something across all topic areas (Table 30). In the class session on regulations and insurance 25% of respondents reported increased knowledge about insurance options for small farms by four levels, the highest proportion of any topic surveyed.

Indeed, over 75% reported an increase in knowledge by at least one level for 28 of the 36 topics taught. All respondents gained some knowledge about financing options for small farm businesses. For 26 of the 36 topics taught, at least 20% of respondents indicated an increased in their knowledge by three or more levels.

Table 30: Agricultural Entrepreneurship Knowledge Change Evaluation Summary

Class Session	Knowledge Area	Before and After Knowledge Change (As percent of respondents ⁺)					
		Same	1	2	3	4	N (NR)
Business Planning Basics	Components of a business plan	13%	13%	53%	20%	0%	15 (11)
	How to develop your business' mission statement	13%	27%	33%	20%	7%	15 (11)
	Identifying & prioritizing your business goals	13%	33%	27%	20%	7%	15 (11)
	Researching the industry of your selected farm business	7%	33%	20%	27%	13%	15 (11)
Product & Industry Description	Taking your farm resource inventory	31%	44%	19%	6%	0%	16 (5)
	Holistic farm business planning	35%	35%	24%	6%	0%	17 (4)
	Range of business organizational structures available	18%	29%	29%	24%	0%	17 (4)
	Determining the structure appropriate for your farm business	18%	24%	47%	12%	0%	17 (4)
Marketing Options	Finding avenues for direct marketing alternatives	7%	27%	40%	27%	0%	15 (6)
	Advantages & disadvantages of direct marketing options	13%	40%	40%	7%	0%	15 (6)
	Intermediary (non-direct) options	40%	20%	33%	7%	0%	15 (6)
	How to add value to a farm product	47%	20%	0%	33%	0%	15 (6)
Market Analysis / Financing	Steps to developing a marketing plan	17%	28%	33%	22%	0%	18 (5)
	Evaluating and analyzing your potential market	18%	24%	29%	29%	0%	17 (6)
	Identifying value potential for your products/service	22%	39%	22%	17%	0%	18 (5)
	Financing options for your small farm business	0%	35%	35%	29%	0%	17 (6)
The 5 P's	How to effectively price your product/service	29%	14%	57%	0%	0%	7 (9)
	Determining what type of packaging works best for your product/service	14%	43%	29%	14%	0%	7 (9)
	Methods of promoting your product/service	14%	14%	43%	14%	14%	7 (9)
	Common pricing strategy mistakes	29%	0%	57%	14%	0%	7 (9)
Taxes and Payroll	Registering your business w/ appropriate agencies	31%	13%	31%	19%	6%	16 (3)
	Getting appropriate licenses for your farm business	19%	25%	31%	25%	0%	16 (3)
	Taxes farm businesses are required to pay	38%	13%	19%	25%	6%	16 (3)
	Marketing and running farm education services	6%	19%	44%	31%	0%	16 (3)
Risk Mgmt.	Identifying Risks in operating a farm business	22%	22%	39%	17%	0%	18 (2)
	Tools for managing risk when running your business	6%	33%	28%	33%	0%	18 (2)
	Crop insurance options available	17%	6%	56%	11%	11%	18 (2)
	Finding and cultivating direct marketing avenues	18%	24%	29%	24%	6%	17 (3)
Regulations / Insurance	How to find regulations that apply to your specific farm business	17%	25%	17%	33%	8%	12 (9)
	Getting your farm to meet regulations	17%	17%	33%	25%	8%	12 (9)
	Insurance considerations for small farms	17%	17%	42%	17%	8%	12 (9)
	Insurance options for small farms	17%	25%	17%	17%	25%	12 (9)
Finances & Record keeping	How to complete a breakeven or sensitivity analysis	11%	33%	11%	44%	0%	9 (6)
	How to create a cash budget	11%	11%	44%	33%	0%	9 (6)
	Adding your cash budget to the sensitivity analysis	22%	11%	44%	22%	0%	9 (6)
	Creating a basic budget and chart of accounts	22%	0%	56%	11%	11%	9 (6)

* N = number of respondents; NR = non-respondents. + May not equal 100% due to rounding

Participants also rated the entire class series well, rating the series a 4.8 on a scale of one to five, five being highest (Table 31). All respondents also indicated the series answered most of their questions and provided information useful for their farm business. Most respondents felt the series was just about right in length.

Table 31. Overall Agricultural Entrepreneurship Evaluation Summary

	Average	N(NR)
What overall score would you give this series?	4.8	15(0)
How much will you use this information to help shape your agricultural business?	4.8	15(0)
	% Yes	
Did this course answer most of your questions?	100%	15(0)
Did you learn useful/helpful information?	100%	15(0)

Deliverables

The Agricultural Entrepreneurship and Business Planning course graduated 19 people and completed this task.

Issues and Recommendations

The Program needs to replace a speaker (moving away) for the taxes and payroll presentation. Finding a market analysis speaker with an agricultural background remains challenging.

Task 4b - Small Farm Workshop

Farmers, especially beginning farmers, often request more workshops on production practices. The Based on farmer feedback, the Program organized the 3.5 hour evening workshop, *Field to Market: Harvesting, Presenting, and Selling*, to educate producers on best post-harvest practices, tips for setting up displays at markets, and general information about engaging customers. The Program advertised this workshop via press releases to local media, flyers at all events, ads on CNRG, postings on Facebook and emails to the Small Acreage listserv, and past Agricultural Entrepreneurship and Business Planning course graduates (Appendix I).

Weston Miller and Jen Aron from OSU Extension presented first and covered GAP, harvesting practices, and storage tips. Ann Foster and Bobbie Reddington, the Salmon Creek Farmers Market, presented on farmers market consumer psychology, creating effective displays, developing an identity, and building a customer base.

Twenty-one people attended the workshop at the Clark County Public Works Ops Center conference room, which cost \$15 per attendee. Respondents rated the workshop well with an average score of 4.6 on a scale of one to five, with five being the highest (Table 32).

Table 32: Field to Market Workshop Evaluation Summary

Question	Ranking	N (NR) +
Overall, what score would you give this workshop?	4.6	15 (6)
	% YES	
Do you intend to use any of this information?	100%	17 (4)
Did you learn something new that may help your agricultural business?	100%	17 (4)
Participants	21	
Evaluations completed	17	
Percent completed evaluations	81%	

+N = number of responses; NR = no response

When assessing their knowledge before and after the workshop (Table 33), 76% to 88% of respondents indicated knowledge increases of at least a one level about all topics surveyed while 62% to 76% increased two or more levels.

Table 33: Field to Market Participant Change in Knowledge

Knowledge Area	Before and After Tour Knowledge Change (As percent of respondents)					
	0	1	2	3	4	N (NR)*
Best harvesting & post-harvest practices to preserve freshness	18%	6%	41%	29%	6%	17 (4)
Good agricultural practices to keep food safe for consumers	13%	25%	25%	31%	6%	16 (5)
How to create an effective display for your booth or stand.	24%	12%	47%	6%	12%	17 (4)
Effective selling, marketing and promotional strategies.	12%	24%	41%	18%	6%	17 (4)

*N = number of responses; NR = no response

On February 23 the Coordinator co-facilitated with the Director a Clark County location hosting the statewide WSU Women in Ag Conference. The event drew 32 participants and focused on farming finances, specifically working capital. A keynote speaker teleconferenced from River Dog Farm in California and a panel discussing financial decision making consisted of three local producers, April Thatcher from April Joy Farm, Susan Christopherson from Old World Apples, and Anne Lawrence from Storytree Farm.

The Program also partnered with Fred Berman of the WSDA to run a four class series on developing and marketing valued added products by providing a space and helping with local speakers. The workshop series attracted 16 participants.

Deliverables

The Program met all deliverables.

Issues and Recommendations

None at this time.

Task 5 – AmeriCorps

The Small Acreage Program Coordinator and the Watershed Stewards Program Coordinator collaborated on the supervision of an AmeriCorps member through July 2013. The AmeriCorps member started service on September 4 and served until July 12.

The AmeriCorps member implemented one model property information session, *Land Management Resources for Farmers*, aimed at introducing small acreage residents to local resources including the Small Acreage Program, Clark Conservation District and Clark County Vegetation Management. The event attracted 13 participants. The AmeriCorps member, Anne Lawrence from Storytree Farm, and Denise Smee from the Clark Conservation district presented on the model property program, general

BMPs and resources available from the Clark Conservation District. A presenter from Vegetation Management did not show up as scheduled.

The AmeriCorps member also conducted one BMP workshop, *What to Do About Weeds* (see BMP workshops, page 16) which attracted 28 participants.

The Member had one article published in a local paper promoting the model property program. She also created new trifold display posters and a display to hold the model property program rack card (Appendix J).

Deliverables:

The Program met all deliverables.

Issues and Recommendations:

The AmeriCorps placement required additional administrative work and oversight and will likely not be feasible without the Watershed Stewards Coordinator's assistance.

Task 6 - Impact Evaluation and Project Reporting

Task 6a - Evaluation

Workshop Evaluation. The Coordinator tracks attendance for all classes, workshops, and tours. All attendees are requested to fill out evaluations (Appendix K) and spouses or partners are encouraged to fill out separate evaluations. The program utilizes evaluations to improve program events and to generate ideas for future events. In addition to rating program quality, participants rate their knowledge at the beginning and end of an event, which provides an indication if they increased their knowledge of a particular topic. This helps the program assess both the subject matter delivered as well as the style of delivery. All *Living On the Land* class sessions also included knowledge change questions for the first time this year.

Information Requests. The Coordinator answered 131 telephone and walk-in requests for information and assistance during the year. Requests generally involve upcoming classes or workshops, small farm business ventures, pastures and fertilizing, and manure management and composting. The Coordinator provides individuals relevant publications along with invitations to upcoming classes and workshops of interest.

Impact Evaluation

Overview. Beginning in 2004, the Director developed a survey to assess behavior changes by former participants in the *Living on the Land* series based on the knowledge participants gained while taking the course.

Methodology. The close ended survey measures self-reported changes from *Living on the Land* from participants. Graduates through 2012 have been surveyed after they had at least one summer to implement BMPs on their properties. After initial mailings, staff followed-up with non-responders by email and/or telephone. Since 2006, descriptive statistics have been analyzed, but a statistical analysis of all years is planned.

Response. As outlined in Table 36, 260 LOL participants returned the survey for an overall response rate of 75%. The class of Fall 2010 returned the least (68%) while the class of 2006 returned the most (91%).

Table 36: Survey Response Rate

Class	Moved	No Response			Returned Evaluations					Total Grads	As % of All Grads
		No.	% of Class	As % of All Grads	Household	Partner/Spouse	Total	As % of Class	As % of All Grads		
Fall 03	0	4	17%	1%	16	3	19	83%	7%	23	7%
Spring 04	0	8	19%	3%	26	9	35	81%	14%	43	12%
Fall 04	0	4	12%	1%	25	5	30	88%	11%	34	10%
Spring 05	1	4	15%	1%	19	3	22	81%	9%	27	8%
Fall 05	1	2	7%	1%	20	4	24	89%	9%	27	8%
Fall 06	0	3	9%	1%	25	5	30	91%	10%	33	10%
Fall 07	0	5	16%	2%	21	6	27	84%	10%	32	9%
Fall 08	1	7	23%	2%	18	5	23	74%	10%	31	9%
fall 09	0	10	43%	3%	12	1	13	57%	7%	23	7%
Fall 10	0	17	68%	5%	7	1	8	32%	8%	25	7%
Fall 11	0	6	32%	2%	12	1	13	68%	6%	19	6%
Fall 12		11	39%	3%	11	5	16	57%	4%	28	8%
Fall 13											
Total	3	81		23%	201	43	260		75%	345	100%

Analysis. The Director is in the process of cleaning up the data set (corrected for data entry errors and consistency, added coding descriptors), which will be converted data into the statistics program (SPSS). Frequencies and descriptive statistics will be run, including crosstabs to determine significant relationships between variables.

The LOL 12 week class series graduated 374 people through 2013 owning at least 3190 acres, with 27 graduates in 2013 who owned 81 acres. Through 2012, with a 77% response from 345 graduates, 182 graduate households (of 282 HH) implemented 587 BMPs on at least 2,012 acres affecting at least 1056 livestock (excluding poultry). Graduates shared what they learned with over 2,724 other people.

Over 45% of households tested their soil, 54% of respondent households with septic systems inspected their system, and 54% of households with wells tested them, all as a result of what they learned. Over 77% thought the class was a good use of their Clean Water fee.

Deliverables

The Coordinator tracks attendance and conducts evaluations for all classes, workshops and tours. The Coordinator continues to respond to requests for information and tracks the topic of interest to the customer. The Director provides summary statistics for all LOL graduates surveyed about implementing practices taught.

Issues and Recommendations

Director still intends to provide a complete statistical analysis once time permits.

Task 5b - Reporting

Deliverables

All quarterly reports and the 2013 annual report were submitted by the Director.

Issues and Recommendations

In an effort to more accurately gauge the success of the program, the Coordinator will continue to stress the importance of evaluations to participants as a way that they can help improve the program and contribute to its design. The Coordinator will introduce the evaluations at the beginning of events and designate time at the end of events so that participants will be prepared and have time to complete the evaluations satisfactorily.

The Program will begin post-evaluations for relevant workshops to assess participant changes in behavior (implementing BMPs) for workshops held in 2012 and later.

Table 33: Summary Table for 2013

Program Elements			2013 Goals	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD	% 2013 Goals
Best Management Practices (Task 1)	Information Resources	Materials added to reference files	ongoing	1	1	1	1	4	100%
		Post links and resources to website	ongoing	1	1	1	1	4	100%
		Track web site hits	1	1	1	1	1	4	100%
		Track web site document downloads	1	1	1	1	1	4	100%
	Publications	Stewardship Article	1			1		1	100%
		Video clip, factsheet, or PowerPoint	1					0	0%
		Promotional Video	1					0	0%
Public Outreach and Education (Task 2)	LOL Class Series	LOL series	1				1	1	100%
		Graduation	25				27	27	108%
	Well & Septic Workshops	Well & septic workshops	3		1	2		3	100%
		Attendance	30		20	63		83	277%
	BMP Workshops	BMP Workshops	3	1		3		4	133%
		Attendance	30	26		52		78	260%
		Revise & maintain speaker's list	ongoing	1	1	1		3	100%
	BMP Demo Site	Create BMP Demonstration Site	1					0	0%
		Small Acreage Exposition	1		1			1	100%
	Outreach Events & Promotional Activities	Attendance	75		96			96	128%
		Washington State Horse Expo	1	1				1	100%
		Clark Conservation District Plant Sale	1	1				1	100%
		Home and Garden Idea Fair	1		1			1	100%
		Clark County Fair	1			1		1	100%
		WSU Harvest Celebration (Attendance)	750			1284		1284	171%
		Veterinarian and Farrier Outreach	ongoing	1	1			2	100%
		Additional Events as identified	1		1			1	100%
	Outreach Database	Maintain and update database	ongoing	1	1	1	1	4	100%
Model Properties (Task 3)	Property Tours	Conduct tours	4		1	2	1	4	100%
		Attendance	60		28	33	11	72	120%
	Signage Recognition	Film and Post Model Property Video	1					0	0%
		Enroll new properties and install signs	8	1	3		1	5	63%
	Promoting	Miniature model of a model property	1					0	0%
Small Farms (Task 4)	Agricultural Entrepreneurship	10 week course	1	1				1	100%
		Graduation	15	19				19	127%
	Workshop	USDA Value Added Workshop (Attendance)	15	16				16	107%
		Women in Ag Conference (Attendance)	15	31				31	207%
		Sustainable Farming Practices	1				1	1	100%
		Attendance	30				21	21	70%
Americorps	Info Session	Model Property Info Session	1	1				1	100%
	BMP Workshop	BMP Workshop (Attendance)	15		28			28	187%
	Publicity	Model Property Articles	2	1	1			2	100%
	Outreach	Outreach materials	ongoing	1	1				100%
Impact Evaluation and Project Reporting (Task 5)	Evaluation	Workshop evaluations	28	2	3	7	2	14	50%
		Requests for assistance	1	29	34	39	25	127	100%
		Impact evaluation of graduates	1			1		1	100%
	Reporting	Quarterly Reports	3	1	1	1		3	100%
		Annual Report	1				1	1	100%

Appendix A: BMP Article

Green Horsekeeping for healthy horses and streams

Posted: Wednesday, August 7, 2013 9:00 am

Eric Lambert WSU Clark County Extension

Equine activities are a favorite pastime for many in Clark County and one estimate claims over 35,000 horses reside here, more than any other county in Washington.

As the number of horses increases, so does the importance of implementing management practices to keep our animals and our environment healthy. Local resources such as WSU Clark County Extension, the Clark Conservation District, and USDA Natural Resource Conservation Service, developed recommendations known as Best Management Practices (BMPs) to guide horse owners on how to best care for their land and animals. Implementing BMPs benefits animals, protects waterways and natural resources, saves chore time and money, and can even improve property aesthetics and value.



An average horse produces 50 pounds of manure a day, which makes managing manure one of the most dreaded chores on the farm. Manure contains phosphorus and nitrogen, nutrients which cause algae blooms in our local lakes and streams when washed into our waterways in runoff. Algae blooms can force the closure of popular swimming areas and deplete dissolved oxygen essential for fish and a healthy stream. Manure also serves as a breeding ground for parasites and pests, and can harbor weed seeds that remain viable for years.

Composting, an important manure BMP, kills weed seeds and pests, eliminates odor, protects waterways, and decreases manure pile size by 50 percent. The composted material provides a rich, slow release soil amendment great for spreading on pastures.

Proper manure composting requires covering the pile either by a roof or a simple tarp to regulate moisture and prevent nutrient runoff. For optimal composting, the pile should be kept as damp as a rung out sponge. Maintaining some type of vegetated strip around the pile will filter out nutrients carried in runoff.



Since microbes require oxygen to break down the manure, piles need to be turned a couple times a month unless you use a passive aeration system using perforated PVC pipes. Active aeration speeds the composting process by forcing oxygen into the pile, usually using small fans. During the composting process, microbes generate a lot of heat and piles should be allowed to reach 140 degrees Fahrenheit, the temperature which kills most weed seeds and pathogens.

Composted manure should smell like rich soil and it makes an excellent amendment to spread on pastures in the fall or to use in the garden. The Clark Conservation District loans a manure spreader

free to the public. In addition, they maintain a manure exchange list which connects gardeners and animal owners.

Receiving between 38-80 inches of annual rainfall on average in Clark County, horse owners must also deal with mud, lots of it. Wet ground and heavy animals produce mud and compacted soils. Mud harbors bacteria which can cause mud fever and other hoof problems, provides a breeding ground for pests, makes for dangerous footing, and destroys pastures. Mud also contaminates runoff with sediments that flow into our streams.

In managing mud, the most cost-effective BMP involves installing gutters and downspouts on barns and outbuildings. A 2,100-square-foot roof in Battle Ground (54" of rainfall) collects an average of over 70,308 gallons of rain annually. Unless collected and discharged to an area where it can be absorbed, it's not hard to see how this much rainwater can cause problems. Once collected by gutters, rain water can be directed to less used or forested areas through pipes, or using berms or swales. Alternatively, rainwater can be stored in a cistern or rain barrel, or released on well vegetated pastures.

In turnouts, sacrifice areas, and other heavy use areas, BMPs recommend using proper footing materials that drain better than our heavy clay soils do. Footing materials depend largely on landowners' available resources. A combination of heavy duty road fabric (or geotextile), gravel, and sand will provide a long lasting and high quality footing material safe for horses. Both cheaper and more expensive alternatives exist that can produce the same benefit.

Healthy pastures with weeds and mud controlled contribute to a healthy watershed. An important BMP for keeping greener, mud free pastures involves keeping heavy animals off of wet soils. Large animals compact wet soils, which in turn decreases your grass production and makes pastures more susceptible to weed infestation. During the wet season, keep horses in a sacrifice area – a winter paddock with well drained footing materials.

Large animals with unfettered access to streams destroy vegetation and stream banks. Animals should be fenced out of these sensitive areas critical to stream health and used by over 90 percent of wildlife. Systems for allowing off-channel watering can also be installed.

To find more information on BMPs that can improve your equine operation visit the WSU Clark County Extension Small Acreage Program website (clark.wsu.edu/horticulture/smallAcreageProgram.html). The Small Acreage Program, a partnership between WSU Clark County Extension and Clark County Environmental Services, will also be holding a two-part Green Horsekeeping workshop on Aug. 20 and 27 that will cover these BMPs and more in greater detail. For additional details and to register visit <http://clark.wsu.edu/calendar/index.asp>. Note that WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060 ext. 0 at least two weeks prior to the event.

Appendix B: Living on the Land Class Series

PUBLICITY & PROMOTION

PRESS RELEASE

LOL FLYER

OTHER PUBLICITY

LIVING ON THE LAND SAMPLE PRESS RELEASE

For Immediate Release

August 5, 2013

Contact: Eric Lambert
WSU Extension Clark County
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524

Small Acreage Program Opens Registration for Living On the Land Class Series.

Hazel Dell, WA – Would you like to learn how to reduce mud and weeds, improve soil quality, grow better pastures, attract wildlife, keep your animals healthy, *and* reduce chore time? Join the Small Acreage Program's flagship twelve week class series, *Living On the Land – Stewardship for Small Acreages*, sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.



The series covers the gamut of small acreage living by providing an overview of important topics pertaining to soil, water, plants and animals. Subjects are presented by local experts and include pasture management, controlling weeds, soil health, well & septic maintenance, and many more. Graduates of this training come away with helpful strategies for improving their property in addition to a workable plan for their property that they create themselves based on what they learned in class.

“This course covers important issues landowners will need address while managing their land and working towards property goals. *Living On the Land* teaches small acreage landowners management practices that will save time and money, improve property value and protect natural resources” says Doug Stienbarger, Director of WSU Clark County Extension. Eric Lambert, Program Coordinator, adds, “There are many new small acreage landowners in Clark County and a lot of folks who just want to improve their current property. We provide them with simple, practical ideas on how to best manage their property for themselves, their animals, and the environment.”

“Living On the Land - Stewardship for Small Acreages”
Tuesdays, September 3 to November 19, 2013 - 6:00 to 9:00 PM

Registration is free but class size is limited; deadline for registration is August 27. Please call Eric Lambert at 360-397-6060 ext. 5729 to register, or for more information about WSU Clark County Extension's Small Acreage Program.

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060 ext. 0 at least two weeks prior to the event.

LOL FLYER

GOT ACREAGE?

Do you want to...

Improve your property aesthetics & value?

Enhance your soils & pasture?

Reduce Mud?

Properly store & compost manure?

Improve your animals' health?

Learn to maintain & inspect your septic system?

Protect your drinking water?

Reduce chore time?

Develop a plan to reach your goals?

Learn about business opportunities?

And be a steward of your land???

If you answered YES! to any of these questions, our Living On the Land course is for you...and it's FREE!

Living



On

the Land

*Stewardship for
Small Acreages*

Fall 2013 classes meet Tuesday evenings
September 3 - November 19
6:00 - 9:00 p.m.

PRE-REGISTRATION REQUIRED
CLASS SIZE LIMITED TO FIRST 30 PARTICIPANTS

Call (360) 397-6060 x5729 or email
eric.lambert@clark.wa.gov
to register or for more information.

Sponsored By:

WSU Clark County Extension, Small Acreage Program
Clark County Environmental Services, Clean Water Program

WSU Extension programs are available to all without discrimination. Report evidence of noncompliance to your local WSU Extension office.

OTHER PUBLICITY

The Camas Washougal Post Record

August 20, 2013

Pg. B6

Living On the Land series begins Sept. 3

**Registration
is now open**

Would you like to learn how to reduce mud and weeds, improve soil quality, grow better pastures, attract wildlife, keep your animals healthy, and reduce chore time?

Join the Small Acreage Program's flagship 12-week class series, Living On the Land – Stewardship for Small Acreages, sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.

The series, which will meet on Tuesdays from 6 to 9 p.m., from Sept. 3 to Nov. 19, covers the gamut of small acreage living by providing an overview of topics pertaining to soil, water, plants and animals.

Subjects are presented by local experts and include pasture management, controlling weeds, soil health, well and septic maintenance, and more.

According to Doug Stienbarger, director of the WSU Clark County Extension, graduates of this training come away with helpful strategies for improving their property in addition to a workable plan for their property that they create themselves based on what they learned in class.

"This course covers important issues landowners will need to address while managing their land and working towards property goals," he said. "Living On the Land teaches small acreage landowners management practices that will save time and money, improve property value and protect natural resources."

According to Eric Lambert, program coordinator, there are many new small acreage landowners in Clark County and others who just want to improve their current property.

"We provide them with simple, practical ideas on how to best manage their property for themselves, their animals, and the environment," he said.

The series will take place at the 78th Street Heritage Farm, 1919 N.E. 78th St., in Vancouver.

Registration is free, but class size is limited. The deadline to register is Tuesday, Aug. 27.

To register or for more information, call Lambert at 397-6060, Ext. 5729.

OTHER PUBLICITY

Clark County FYI
August 14, 2013
Pg. 4

FYI Online

4

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- Online filing in District Court
- Leadership training series

Page 2

- Blood drive
- Back-to-school drive

Page 3

- Internet wellness sites
- CRESA open house

Page 4

- Master Gardener herb workshop
- Improving a horse farm
- Living on the land

Page 5

- Sunday Streets Alive

Page 6

- On this date in history



Upcoming WSU Extension workshops

Master Gardener workshop on herbs

Learn how to grow your own herbs during a free workshop Saturday, Aug. 17.

It will be 10 a.m. to 12:30 p.m. at Pacific Park Natural Garden Demonstration Site at the northeast corner of Northeast 18th Street and 172nd Avenue.

The workshop is free, but space is limited. To register, go to <http://bpt.me/437879>.

Each participant receives herb starts to take home. Following the talk, participants will do a little maintenance in the demonstration garden. No tools needed.

For more information, call (360) 397-6060 ext. 5738.

Improve horse farms

If you want greener pastures, less chore time and better looking property, join the Small Acreage Program for a two-part, free workshop that will focus on farm design and practices for horse and large livestock owners.

Learn about tested practices to improve operations and animal health. Topics will include winter paddock design, reducing mud, improving pastures, managing manure and controlling pests.

The first part of Green Horsekeeping for Small Acreages will be Tuesday, Aug. 20. The second part will be Aug. 27. Both sessions will be 6:30-8:30 p.m. at 78th Street Heritage Farm, 1919 N.E. 78th St., Vancouver.

Registration is free, but space is limited. For details and to register, go to <http://clark.wsu.edu/calendar/index.asp>, call (360) 397-6060 ext. 5729, or email Eric Lambert at eric.lambert@clark.wa.gov.

Living on the land

Learn to reduce mud and weeds, improve soil quality, attract wildlife and keep animals healthy at the Small Acreage Program's free, 12-week class, *Living on the Land - Stewardships for Small Acreages*.

The free classes will be 6-9 p.m. Tuesdays, Sept. 3 through Nov. 19. Enrollment is limited. Register by Tuesday, Aug. 27.

To register or for more information, call Eric Lambert at (360) 397-6060 ext. 5729 or email him at eric.lambert@clark.wa.gov.



Appendix C: Well & Septic Maintenance Workshops

PUBLICITY AND PROMOTION

SAMPLE PRESS RELEASE

FLYER

OTHER PUBLICITY

SAMPLE PRESS RELEASE

For Immediate Release

August 1, 2013

Contact: Eric Lambert
WSU Extension Clark County
Eric.lambert@clark.wa.gov
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524

Wells & Septic System Inspection and Maintenance for Homeowners – FREE Workshop!

Keep your money from going down the drain!!

Thursday August 15, 2013
6:15 to 9:00 PM
East County Fire & Rescue
600 NE 267th Ave
Camas, WA

Vancouver, WA – Learn how to protect your water supply and property investments through simple well and septic maintenance practices. Workshop participants will have the opportunity to get certified to do their own gravity fed septic system inspections and receive hands-on training, helpful reference materials, and tips on maintenance.

Co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program, this workshop will give participants hands-on experience on how to inspect their own gravity fed septic systems. An expert from Clark County Public Health will certify participants to do their own home septic inspections, conduct an inspection demonstration, answer questions, and provide advice to homeowners.

Eric Lambert, Small Acreage Program Coordinator says, “This workshop will save homeowners money by certifying them to do their own septic inspections, but more importantly they’ll learn maintenance tips that will protect their local water supply.”

Free well water testing for coliform bacteria is available for participants attending the workshop. Samples must be submitted before August 12th to receive free well water testing.

Registration is free but class size is limited, please visit www.brownpapertickets.com/event/422347 or call 360-397-6060 ext. 5729 to register and for more information on the well water testing.

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at 360-397-6060 ext. 0 two weeks prior to the event.

FLYER

Don't lose precious dollars
down the drain!

- ♦ Get certified to inspect your own gravity fed septic system.
- ♦ Learn to properly maintain your well and septic system.
- ♦ Prevent costly repairs & protect your drinking water.



Well & Septic Inspection and Maintenance for Homeowners

FREE!

Thursday, August 15, 2013

6:15 to 9:00 pm

East County Fire & Rescue

600 NE 267th Ave

Camas, WA

**FREE well water testing for bacteria
is available to attendees**

Class Size Limited. Register at:

www.brownpapertickets.com/event/422347

or call 397-6060, extension "0"

Jointly sponsored by: WSU Clark County Extension, the Clark County Clean
Water Program, and Clark County Public Health.



Environmental Services
Clean Water Program



WSU Extension programs are available to all without discrimination. Call 360-397-6060 ext. 0 for special accommodations.

OTHER PUBLICITY

The Camas Washougal Post Record
August 6, 2013
Pg. A2

Septic system workshop is Aug. 15

Homeowners are invited to attend a wells and septic system inspection and maintenance workshop.

The free session will be held Thursday, Aug. 15, from 6:15 to 9 p.m., at East County Fire & Rescue, 600 N.E. 267th Ave., Camas.

Workshop participants will have the opportunity to get certified to do their own gravity fed septic system inspections and receive hands-on training, reference materials and tips on maintenance.

The session is co-sponsored by Washington State University Clark County Extension and the Clark County Environmental Services Clean Water Program.

Free well water testing for coliform bacteria is available for participants attending the workshop. Samples must be submitted before Monday, Aug. 12.

For more information or to register, call 397-6060, Ext. 5729 or visit www.brownpapertickets.com/event/422347.

Appendix D: BMP Workshops

SAMPLE PRESS RELEASE

WORKSHOP FLYER

SAMPLE PAID AD

OTHER PUBLICITY

BMP WORKSHOP PRESS RELEASE

For Immediate Release

March 7, 2013

Contact: Eric Lambert
WSU Extension Clark County
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524
E-mail: eric.lambert@clark.wa.gov

Conquer Mount Manure to Promote Healthier Animals and Cleaner Water

Vancouver, WA – Managing manure is one of the biggest chores for anyone with animals. Proper management benefits pastures, animals, and our water. Poor manure management compromises animal health, breeds pests, spreads weeds, and pollutes our streams. Join the Small Acreage Program for a free workshop on strategies to conquer your mount manure. Listen to experts from the Clark Conservation District speak on composting, spreading, storage facility considerations, and using manure as a fertilizer safely. Participants will also visit Road's End Farm, a horse facility that was recognized as a model property by the Small Acreage Program in 2005. The landowners will share tips on practices and techniques for managing manure.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program, will provide information, handouts, and answer landowners' questions at the workshop. Transportation will be provided to and from Road's End Farm.

Eric Lambert, Program Coordinator, says, "This workshop will teach participants how proper planning and manure management can take something considered a burden and make it an asset on the farm."

"Conquering Mount Manure"

Saturday, March 23rd, 2013
9:30 AM to 12:30 PM
78th Street Heritage Farm
1919 NE 78th Street
Vancouver, WA 98665

Registration is free, but class size is limited. Register and find more details at
www.brownpapertickets.com/event/337575

Call 360-397-6060 ext. 5729 or email eric.lambert@clark.wa.gov for more information about WSU Clark County Extension's Small Acreage Program.

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060 ext. 0 at least two weeks prior to the event.

BMP CLASS SAMPLE FLYER

Conquering Mount Manure

Is your animals' manure working
you **or** working for you?

This hands-on workshop will cover:

- ◇ Techniques and tips for composting manure.
- ◇ Visit a Model Property horse facility to learn composting practices first hand.
- ◇ Using manure safely as a fertilizer for pastures and gardens.
- ◇ Planning manure storage for any budget.



FREE!

Saturday, March 23, 2013
9:30 to 12:30 pm
78th Street Heritage Farm
1919 NE 78th St.
Vancouver, WA

Class size limited. For more info and to register go to:

www.brownpapertickets.com/event/337575

*Sponsored by the Small Acreage Program
A collaboration of WSU Clark County Extension and the Clark County Clean Water Program.*



Environmental Services
Clean Water Program

WSU Extension programs are available to all without discrimination. Call 360-397-6060 ext. 0 for special accommodations.

OTHER PUBLICITY

THE REFLECTOR
MARCH 13, 2013
P. B3

Promote healthier animals and cleaner water

Managing manure is one of the biggest chores for anyone with animals. Proper management benefits pastures, animals, and water. Poor manure management compromises animal health, breeds pests, spreads weeds, and pollutes our streams.

Area residents will have the opportunity to join the Small Acreage Program for a free workshop Sat., March 23, 9:30 a.m.-12:30 p.m. at 78th Street Heritage Farm, 1919 NE 78th Street, Vancouver.

The workshop will cover strategies to conquer their own mount manure. Participants will be able to listen to experts from the Clark Conservation District speak on composting, spreading, storage facility considerations, and using manure as a fertilizer safely. Participants can also visit

Road's End Farm, a horse facility that was recognized as a model property by the Small Acreage Program in 2005. The landowners will share tips on practices and techniques for managing manure.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program, will provide information, handouts, and answer landowners' questions at the workshop. Transportation will

be provided to and from Road's End Farm.

Eric Lambert, Program Coordinator, said, "This workshop will teach participants how proper planning and manure management can take something considered a burden and make it an asset on the farm."

Registration is free, but class size is limited. Register and find more details at www.brownpapertickets.com/event/337575.

Call (360) 397-6060 ext. 5729 or email eric.lambert@clark.wa.gov for more information.

Appendix E: Outreach and Promotional Activities

SMALL ACREAGE EXPO

PROMOTIONAL FLYER

DIRECT MAILING AND ONLINE REGISTRATION FORM

HANDOUT PROGRAM

PRESS RELEASE

PAID ADS

OTHER PUBLICITY

HARVEST CELEBRATION

PROMOTIONAL FLYER

PRESS RELEASE

PAID ADS

HANDOUT PROGRAM

OTHER PUBLICITY

Expo Promotional Flyer

Got Acreage?

Come to the 8th Annual Clark County Small Acreage Expo!

Registration FREE!
Lunch available for \$10



Hands On Demos,
Door Prizes,
Vendors, and
Much More!



Topics Include:

- Increasing Crop Nutrient Density
- Chainsaw Safety & Maintenance
- Septic Inspection Certification
- Preventative Horse Health
 - Winter Paddock Design
 - Rotational Grazing
 - Pastured Poultry

Saturday April 13, 2013
8:15 am to 4:00 pm
78th Street Heritage Farm
Vancouver, WA

PRE-REGISTRATION REQUIRED
View full program and register at
<http://clark.wsu.edu>
Reserve your space by April 12!

Register online at:
www.brownpapertickets.com/event/355532

Jointly sponsored by:



Environmental Services
Clean Water Program

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 at least two weeks prior to the event.

Expo Registration Form



8th Annual Clark County Small Acreage Expo

Saturday April 13, 2013
8:30 am to 4:00 pm

78th St. Heritage Farm
Vancouver, WA

Please select only one class from each session

Registration FREE
Lunch available for
only \$10 each!!

Door Prizes,
Vendors, and
Much More!

Session A	Session B	Session C	Session D
A1 Get the Lowdown on Lime	B1 Treasures of the Forest	C1 Current Use Taxation	D1 Increasing Nutrient Density
A2 Septic Inspection Certification	B2 Preventative Steps for Healthy Horses	C2 Pastured Poultry	D2 Rotational Grazing & Animal Nutrition
A3 Drainage Solutions for Small Acreages	B3 Chainsaw Safety & Maintenance	C3 78th Street Heritage Farm Tour	D3 Fruit Tree Pests & Organic Controls
A4 Are Weeds Ruling Your Paradise?	B4 Maximize Pasture Production	C4 Winter Paddock Design	D4 Sustainable Rural Living 101

Dog Herding Demonstrations During Lunch!!

For more information, contact:
Small Acreage Program
(360) 397-6060 x5729

For the full event program and class
descriptions,
visit <http://clark.wsu.edu>

Detach Here

Mail Registration to:
WSU Extension Small Acreage Program
1919 NE 78th Street
Vancouver, WA 98665

Make checks for lunch payable to: Clark County Treasurer

Jointly Sponsored By:



Environmental Services
Clean Water Program

Name _____
Address _____
Phone _____

Pre-registration required.
Reserve your space by
April 12, 2013

Each class has a letter and number designation. Please use these designations to indicate your choice of classes.
Please specify if you would like lunch; **pre-payment is required to reserve your boxed lunch.**

Attendee Name(s)	Session A	Session B	Session C	Session D	Lunch? (Y/N)

Extension programs are available to all without discrimination. If you require special accommodation, call
WSU Extension Clark County at (360) 397- 6060 ext 0 prior to the event.


Expo Program

Saturday April 13, 2013
9:00 am to 4:00 pm


8th Annual

Clark County Small Acreage Expo

78th Street Heritage Farm
1919 NE 78th Street
Vancouver, WA



Jointly Sponsored By:



Session A 9:00 - 10:15 am

A1 **Get the Lowdown on Lime**
Gordon French, LJC Feeds
Gordon will discuss timing, rates, and application methods for lime and fertilizers for pastures in our area. Then join him for a demonstration (weather permitting) of proper lime application!

A2 **Septic Inspection Certification**
Steve Keirn, Clark County Public Health
Learn how to correctly inspect your home septic system to keep your investment working properly. At the conclusion of this presentation, take the Public Health operations & management test to become certified to do your own septic inspections.

A3 **Drainage Solutions for Small Acreages**
Seth Kenworthy, Drainage Masters
Got drainage problems? Seth will talk solutions. He'll cover how to use, install, and locate a french drain to manage runoff and reduce mud on your property. He will also highlight other tips and techniques to improve drainage around your home and outbuildings.

A4 **Are Weeds Ruling Your Paradise?**
Ron Hendrickson & Emilie McKain, Clark County Vegetation Management
Learn to identify and control plants that don't belong in your pastures and may harm your animals. Ron will discuss how to win the fight against noxious, invasive, and poisonous plants. Then practice spotting weeds on a pasture walk at the Heritage Farm.

Session B 10:30 - 11:45 am

B1 **Treasures of the Forest**
Jim Freed, WSU Extension
There's a lot more value in a forest besides timber. Jim will discuss agroforestry (agricultural based approach to forestry) and talk about some of the special forest products common in our area including mushrooms, wild edibles, medicinal plants, and decorative flora.

B2 **Preventative Steps for Healthy Horses**
Dr. Brian Johnson, Equine Veterinary Service
Why treat symptoms when you can fix the causes? Preventative health is cheaper, more effective and greatly improves the quality of life for your animals. Dr. Brian Johnson will discuss practices you can implement at home and routine procedures to improve your animals health.

B3 **Chainsaw Safety & Maintenance**
John Buttrell, Arborscape, Ltd., Inc.
Who doesn't love getting out the chainsaw to cut some wood or fall a tree? Well, chances are somebody also loves you too, so attend this session to make sure you're doing it safely. John will discuss chainsaw safety, proper use, sharpening and maintenance.

B4 **Maximize Pasture Production**
Gene Pirelli, OSU Extension
Want greener pastures? Gene Pirelli will talk about management practices to keep your pastures looking like you want them to. He'll cover grass types and seasonal maintenance tips on a pasture walkabout at the Heritage Farm. He can also discuss pastured swine if interest exists.

Session C 1:00 - 2:15 pm

C1 **Current Use Taxation**
Joe Utterback, Clark County
Are you taking full advantage of your tax status as a small acreage landowner? Joe will clarify questions you have about current use taxation and let you know if you could be saving money each year.

C2 **Pastured Poultry**
Matt Schwab, Inspiration Plantation
Interest in pastured poultry continues to grow and for good reason; chickens forage in pastures and in return, fertilize it. Matt will discuss setting up field pens, poultry feed & nutrition, chicken tractors, and some challenges of raising pastured poultry (and tips to help).

C3 **78th Street Heritage Farm Tour**
Blair Wolfley, Clark County
Tour the historic grounds of the 78th Street Heritage Farm. Learn about what's been going on here from poor farm to present and hear about some of the future visions for this iconic Clark County landmark.

C4 **Winter Paddock Design**
Karin Hunt, Shady Springs Farm
Learn about one of the best things you can do for your horses and pastures; build a winter paddock (sacrifice area). Karin will discuss the benefits of winter paddocks, various designs & considerations, and the pros & cons of footing materials for all budgets.

Session D
2:30 - 3:45 pm

D1

Increasing Nutrient Density

Jacqueline Freeman, Friendly Haven Rise Farm
Want to grow food with more vitamins and minerals and less pests and disease? Jacqueline will talk about soil testing, minerals that help crops grow better, the value of good compost, increasing life in the soil, and what a refractometer is and how it measures the quality and keeping capacity of fruits and vegetables.

D2

Rotational Grazing & Animal Nutrition

Gary Fredricks, WSU Cowlitz County Extension
Learn how to maximize your available forage by apply rotational grazing practices in your pastures. Gary will cover rotational grazing principles, fencing configurations & equipment, stocking rates, rotation schedules and supplemental nutritional needs.

D3

Fruit Tree Pests & Organic Controls

Robert Goughnour, WSU Clark County Extension
If you have fruit trees and plan on enjoying the fruits you grow, this session is for you. Robert will give a background on the top three fruit tree pests in Clark County, show how to identify them and discuss organic controls so you can enjoy the fruits of your labor.

D4

Sustainable Rural Living 101

Denise Smee, Clark Conservation District
Got questions about what you can and can't, should and shouldn't do on your land? Denise has got answers and don't worry about asking, the Clark CD is a non-regulatory agency. Denise will discuss resources and grants available at the Clark CD for assisting landowners and how they can help you with your own farm plan.

Workshop Schedule

Registration & Check-in	8:15 - 8:55 AM
Session A	9:00 - 10:15 AM
Session B	10:30 - 11:45 AM
Lunch	11:45 - 1:00 PM
Session C	1:00 - 2:15 PM
Session D	2:30 - 3:45 PM
Evaluations & Drawings	3:45 - 4:00 PM

For more information, contact:
Eric Lambert, Coordinator
Small Acreage Program
WSU Extension Clark County
eric.lambert@clark.wa.gov
(360) 397-6060 x 5729

Download the registration form at: <http://clark.wsu.edu>

Our Thanks to:
All of our speakers,
vendors, and
volunteers.



Directions to the 78th Street Heritage Farm

From I-5 North or South:

Exit #4 - 78th Street

Go East for ~1/2 mile, through 3 traffic lights and the farm will be on your right.

From I-205 North or South:

Exit #32 - Padden Parkway

Go West for ~2.5 miles and the farm will be on your left.



Look for signs!!

Extension programs are available to all without discrimination. If you require special accommodation, call WSU Extension Clark County at (360) 397- 6060 ext 0 prior to the event.

Handout Program



Large Maps: check-in tent & on main building porches.

Thanks to our prize donors for their generosity...

A & L Western Laboratories
Backyard Bird Shop
Columbia River Carbonates
Wilco Farm Stores
WSU Clark County Master Gardeners

Thanks to Clark Public Utilities for supplying tents

And appreciation to our speakers from:

Arborscape, Vancouver
Clark Conservation District
Clark County Assessment
Clark County Public Health
Clark County Vegetation Management
Drainage Masters, Vancouver
Equine Veterinary Service, Ridgefield
Friendly Haven Rise, Venersborg
Inspiration Plantation, Ridgefield
LIC Feed, Camas
OSU Extension
Shady Springs Farm, Portland
WSU Extension

Extension programs are available to all without discrimination

Welcome to the 7th Annual Small Acreage Expo!

Enjoy the Small Acreage Expo and your time at the 78th Street Heritage Farm. Be sure to check out:

- The open house to learn more about resources available to landowners in Clark County,
- Greenhouses, equipment demo
- How to operate the manure spreader (weather permitting).

Prizes...It's a win, win, win!

1. You must enter to win! Check out the prize packs near the check-in table.
2. Simply fill out the Small Acreage Expo evaluation, tear off & keep the number in the upper right corner, submit your evaluation.
3. **You must be present at 4:00 for the drawing to win.**


Where do you find...?

- **Maps:** check-in tent & on main building porches.
- **Water:** check-in tent & drinking fountains inside front door of the main building.
- **Restrooms:** main building & portable toilets beside the greenhouse and on hill by the parking line.

About the Small Acreage Program


The Small Acreage Program is made possible through a partnership between WSU Clark County Extension and Clark County Environmental Services Clean Water Program. The program teaches landowners about management practices that save time and money, improve property aesthetics & value, promote animal health, protect natural resources, and keep our streams clean. The program also supports Clark County agriculture through workshops, classes, farm tours, and community events for farmers and the public.


Saturday April 13, 2013
9:00 am to 4:00 pm




8th Annual
Clark County Small Acreage Expo

78th Street Heritage Farm
1919 NE 78th Street
Vancouver, WA



Jointly Sponsored By:  WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION

 Environmental Services
Clean Water Program

Find Us On-line at
<http://clark.wsu.edu> - [facebook.com/smallacreageprogram](https://www.facebook.com/smallacreageprogram)

Workshop Schedule	
Registration & Check-in	8:15 – 8:55 AM
Session A	9:00 – 10:15 AM
Session B	10:30 – 11:45 AM
Lunch/Open House	11:45 – 1:00 PM
Session C	1:00 – 2:15 PM
Session D	2:30 – 3:45 PM
Prize Drawings	3:45 – 4:00 PM

Workshop Locations		
Topic	Session	Location
Get the Lowdown on Lime	A	Conference Rm
Septic Inspection Certification	A	Headhouse
Drainage Solutions for Small Acreages	A	Greenhouse
Are Weeds Ruling Your Paradise?	A	Tent
Preventative Steps for Healthy Horses	B	Conference Rm
Treasures of the Forest	B	Headhouse
Chainsaw Safety and Maintenance	B	Greenhouse
Maximize Pasture Production	B	Tent
Equipment Demo/Greenhouse Tour	Lunch	Greenhouse
Current Use Taxation	C	Conference Rm
Pastured Poultry	C	Headhouse
78th Street Heritage Farm Tour	C	Greenhouse
Winter Paddock Design	C	Tent
Rotational Grazing & Animal Nutrition	D	Conference Rm
Sustainable Rural Living 101	D	Headhouse
Increasing Nutrient Density	D	Greenhouse
Fruit Tree Pests & Organic Controls	D	Tent

Expo Sample Press Release

For Immediate Release

April 1, 2013

Contact: Eric Lambert
WSU Extension Clark County
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524
E-mail: eric.lambert@clark.wa.gov

WSU Extension Offers New Classes for 8th Annual Small Acreage Expo!

Vancouver, WA – WSU Clark County Extension and the Clark County Clean Water Program invite landowners to the eighth annual Small Acreage Expo at the 78th Street Heritage Farm.

This year's Small Acreage Expo offers exciting new topics including pastured poultry, preventative horse health, winter paddock design, increasing nutrient density in crops, organic controls for fruit tree pests, and agroforestry. Participants can still choose from many of the popular topics offered in previous years such as installing drainage solutions, septic inspection certification, rotational grazing, weed management, lime application, and pasture management. An open house during the lunch break will allow participants to meet and learn more about local agencies that serve the public as well as ask questions to local vendors participating in the event. A program providing full descriptions of all classes, the photo contest rules as well as a registration form and online registration is available on the WSU Extension Clark County website at <http://clark.wsu.edu>.

Eric Lambert, Small Acreage Program Coordinator, says "We listened to feedback from the public on what topics were wanted and we've got a great line up of quality speakers to on topics that matter to landowners in Clark County." Doug Stienbarger, County Extension Director notes, "It's great to see folks come to the Expo and learn new ideas and practices that they can apply at home to improve their property."

"Small Acreage Expo"

Saturday, April 13, 2013

8:30 AM to 4:00 PM

78th Street Heritage Farm

Vancouver, WA

Registration is free; pre-order lunch is available for \$10 before April 10. Please call 360-397-6060 ext. 0 to get directions, or for more information about the WSU Clark County Extension's Small Acreage Program.

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 at least two weeks prior to the event.

###

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 at least two weeks prior to the event. ###

Paid Advertisement Sample

The Reflector – March 27, 2013
Camas Washougal Post Record – March 26, 2013

**8th Annual Clark County
Small Acreage Expo**

Saturday April 13, 2013 ~ 8:15 am - 4:00 pm
Vancouver, WA

Registration FREE!!
Lunch available for only \$10
Pre-registration required
Reserve your space by April 12!
brownpapertickets.com/event/355532

See full event program and registration details at
clark.wsu.edu

Prizes, Hands-on
Demos and More!!!

Please select only one class from each session

Session A	A1 Get the Lowdown on Lime	Session C	C1 Current Use Taxation
	A2 Septic Inspection Certification		C2 Pastured Poultry
	A3 Drainage Solutions for Small Acreages		C3 78th Street Heritage Farm Tour
	A4 Are Weeds Ruling Your Paradise?		C4 Winter Paddock Design
Open House Lunch! Meet local vendors and agencies that serve Clark County			
Session B	B1 Treasures of the Forest	Session D	D1 Increasing Nutrient Density
	B2 Preventative Steps for Healthy Horses		D2 Rotational Grazing & Animal Nutrition
	B3 Chainsaw Safety & Maintenance		D3 Fruit Tree Pests & Organic Controls
	B4 Maximize Pasture Production		D4 Sustainable Rural Living 101

Jointly Sponsored By:
Washington State University
Clark County Extension
&
Clark County Environmental
Services
Clean Water Program

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call
WSU Extension at (360) 397-6060 ext. 0 at least two weeks prior to the event.

Other Publicity

The Reflector – April, 10 2013

Washington State University Extension offers new classes for 8th Annual Small Acreage Expo

Event to be held Sat., April 13 at 78th Street Heritage Farm

WSU Clark County Extension and the Clark County Clean Water Program invite landowners to the eighth annual Small Acreage Expo at the 78th Street Heritage Farm.

This year's Small Acreage Expo will be held Sat., April 13 from 9 a.m.-4 p.m. at the 78th Street Heritage Farm in Vancouver. It will offer new topics including pastured poultry, preventative horse health, winter paddock design, increasing nutrient density in crops, organic controls for fruit tree pests, and agroforestry.

Participants can still choose from many of the popular topics offered in previous years such as installing drainage solutions, septic inspection certification, rotational grazing, weed management, lime application, and pasture management. An open house during the lunch break will allow participants to meet and learn more about local agencies that serve the public as well as ask questions to local vendors participating in the event.

A program providing full descriptions of all classes, the photo contest rules as well as a registration form and online registration is available on the WSU Extension Clark County website at <http://clark.wsu.edu/horticulture/smallAcreageProgram.html>.

Eric Lambert, Small Acre-



WSU CLARK COUNTY EXTENSION and the Clark County Clean Water Program invite landowners to the eighth annual Small Acreage Expo at the 78th Street Heritage Farm. This year's Small Acreage Expo will be held Sat., April 13 from 9 a.m.-4 p.m. at the 78th Street Heritage Farm in Vancouver.

age Program coordinator, says "We listened to feedback from the public on what topics were wanted and we've got a great line up of quality speakers to on topics that matter to landowners in Clark County."

Doug Stienbarger, County

Extension director added, "It's great to see folks come to the Expo and learn new ideas and practices that they can apply at home to improve their property."

Registration is free and closes April 12. A pre-ordered lunch is available for \$10.

Call (360) 397-6060 ext. 0 to get directions, or for more information about the WSU Clark County Extension's SmallAcreage Program.

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 at least two weeks prior to the event.

Harvest Celebration Flyer

15th HARVEST CELEBRATION DAY



15th Annual Tour
Clark County Farms
Saturday, September 21st
10 am to 3 pm

For complete farm guide, maps and
schedule visit: www.clark.wsu.edu

Press Release

September 18, 2013

Contact: Eric Lambert
WSU Clark County Extension
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524
E-mail: eric.lambert@clark.wa.gov

15th Annual Harvest Celebration Connects Community and Local Farms

Saturday, September 21, 2013
10:00 AM to 3:00 PM

Hazel Dell South, WA – WSU Clark County Extension will hold this year's Harvest Celebration Day on September 21, marking 15 years the county-wide farm tour has connected community with local agriculture. Fourteen farms will open their gates to the public for the family friendly event, including past favorites such as Northwest Organic Farms, Inspiration Plantation and Bi-Zi Farms. Participants will also get to check out four new additions to the tour; Botany Bay Farm, Garden Delights CSA & Herb Farm, Five Spouts Farm and Friendly Haven Rise Farm who'll be holding their annual Apple Fest at the 78th Street Heritage Farm.

The farms on this year's Harvest Celebration will offer plenty of great activities for the whole family including a Garlic Fest, Apple Fest and Honey Fest. Storytree Farm will hold fermentation demos throughout the day, Yacolt Mountain Farm & Nursery will show off their draft horses working the fields, and Conway Family Farms will offer talks on goat dairying and cheese making. Participants will be able to meet local farmers; purchase fresh produce, U-pick, cut flowers, and other farm products; see alpacas, draft horses, chickens, goats, and other livestock; tour fruit orchards, vegetable fields and flower gardens.

Eric Lambert, Small Acreage Program Coordinator says, "The farms participating this year have lined up some great activities that offer something for everyone. Tours show a glimpse of life on the farm, festivals highlight favorite seasonal products and the various homesteading demonstrations are always popular."

This year's Harvest Celebration will also feature six local farms that have been recognized by WSU Clark County Extension for showing a commitment to stewardship. Compass Rose Alpacas, Friendly Haven Rise Farm, Storytree Farm, Garden Delights CSA & Herb Farm, Five Sprouts Farm and Conway Family Farm have been awarded a sign that reads 'Doing Our Part for Clean Water', for the implementing practices that protect clean water and natural resources.

Lambert says, "We're especially proud of these farms that have gone the extra mile and demonstrated that agriculture really can be environmentally friendly. These farms are important as we work to build a culture of stewardship in Clark County and they're a great place to learn about sustainable farming practices."

Farm descriptions with maps and an events schedule are available online at <http://clark.wsu.edu> or from the Extension office in Vancouver located at 1919 NE 78th Street. Participating farms will be open to visitors from 10 am to 3 pm.

Doug Stienbarger, WSU Clark County Extension Director says, "This celebration offers residents a great opportunity to meet local farmers in their backyard and connect with local sources for farm products, while also showing their support for Clark County agriculture."

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 prior to the event.

Paid Advertisements

The Reflector – September 11, 2013

15th Annual **HARVEST CELEBRATION**

Showcasing the Bounty of Clark County Farms
Saturday, September 21st 10 am to 3 pm

Tour local farms:

Free family fun!!

1 - Compass Rose Alpacas	8 - Botany Bay Farm
2 - Northwest Organic Farms	9 - Half Moon Farm
3 - Inspiration Plantation	10 - Garden Delights Farm
4 - 78th St. Heritage Farm	11 - Five Sprouts Farm
5 - Kunze Farms	12 - Yacolt Mnt Farm & Nursery
6 - Storytree Farm	13 - Linda's Dahlias & More
7 - Bi-Zi Farms	14 - Conway Family Farm

Farm Descriptions and Map at
<http://clark.wsu.edu>

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION

WSU Extension programs are available to all without discrimination.

The Camas Washougal Post Record – September 10, 2013

HARVEST CELEBRATION

15th Annual Showcasing the Bounty of Clark County Farms
Saturday, September 21st 10 am to 3 pm

Tour local farms:

Free family fun!!

1 - Compass Rose Alpacas	8 - Botany Bay Farm
2 - Northwest Organic Farms	9 - Half Moon Farm
3 - Inspiration Plantation	10 - Garden Delights Herb Farm
4 - 78th St. Heritage Farm	11 - Five Sprouts Farm
5 - Kunze Farms	12 - Yacolt Mnt Farm & Nursery
6 - Storytree Farm	13 - Linda's Dahlias & More
7 - Bi-Zi Farms	14 - Conway Family Farm

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION

Farm Descriptions and Map at
<http://clark.wsu.edu>

WSU Extension programs are available to all without discrimination.

Handout Program

15th HARVEST CELEBRATION DAY

FREE!

15th Annual Tour
Clark County Farms
Saturday, September 21st
10 am to 3 pm

Showing the Bounty of Clark County Farms
Saturday, September 21st 10 am to 3 pm

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION

Farm Guide Inside

Back

- Why Buy Local
- Finding Farm Products
- Farm Events Schedule

7. Bi-Zi Farms - 9504 NE 119th St. Vancouver www.bi-zifarms.com. Bring your lunch and enjoy picnic tables, animals, a wonderful farm stand featuring fresh eggs, fruit and flowers. Easy jams, jellies, and pies are also on hand at the farm store. Pet the friendly, donkey and goats; check out the chickens, and visit with the farm owners. The fields will be open for guided tours via hay rides, available every hour beginning at 10 a.m. Restrooms available. **Directions:** From I-205, take SR 503 east and go toward Oxleyville. Continue north on SR 503 (NE 117th Ave) and turn east onto NE 119th Street. The farm will be on the north side of the road.

8. Botany Bay Farm - 13515 NE 132nd Ave. Brush Prairie www.botanybayfarm.com. At Botany Bay Farm we strive to produce healthy, contented animals in a safe, sustainable and healthy, nurturing food using holistic family-friendly farming methods. We are currently raising most chickens, layers, pigs, cows, sheep and rabbits. Please bring your sturdy shoes and join us for one of our farm tours which will start promptly at 10 a.m. and 1 p.m. If you don't have time for a tour just stop by to say hello; we would love to chat with you and answer your questions. We'll be selling our freshly processed whole chicken and chicken parts as well as our own handcrafted soaps, shaded seating, and cold water will be provided. We cannot accommodate pets on the tours. **Directions:** From Hwy 503, head east on 129th St and go 0.7 miles. Turn left (north) on 132nd Ave. and go 0.8 miles. Our farm will be on your right.

9. Half Moon Farm - 14757 NE 159th St. Brush Prairie www.halfmoonfarm.com. Honey Harvest Celebration at Half Moon Farm September 21-22. Taste varieties of raw honeys and enjoy sampling other honey products produced by our bees. Visit with the chickens and help the farmer look for eggs. Meet the farm owners to learn about their farming and beekeeping practices. Gardens are gifts, crafts, honey, honey products & flower bouquets will be available at the farm. Walk through our spectacular flower gardens & wooded areas and bring your family for a picnic. **Directions:** From I-205, take the SR 503 east and go towards Oxleyville. Continue north on SR 503 (NE 117th Ave), and turn east onto NE Caples Road. Follow the road as it curves around, and turn east onto NE 159th Street. The farm will be on the right after one mile.

10. Garden Delights CSA & Herb Farm - 15417 NE Parkview Rd. Brush Prairie www.gardendelightsfarm.com. Join the entire family for a fall festival and farming celebration. We'll have classes and workshops throughout the day, guided farm tours, kid's activities, and a self-guided farm tour. Come see the gardens, meet the animals, and sample our herbal teas and delicious seeds made with herbs. The farm store will be set up with all of our wonderful farm-crafted herbal products for people and pets, herbs, plants, and even some fun and unusual products. Seating is available, so bring a snack and enjoy the wildlife garden! **Directions:** From SR 503 head east on NE 147th St. for 2 miles and over the hill onto NE Parkview Rd. Turn left to 1/2 mile north on east side of the road.

11. Five Sprouts Farm - 22612 NE 72nd Ave. Battle Ground www.fivesproutsfarm.com. Five Sprouts Farm began as a dream and became a reality in 2012. Garrett and Alyssa Hoyt, along with their five "sprouts" (children) work this small-scale diversified vegetable farm using organic methods. Their goal is to provide an example to the community of healthy, simple, and sustainable living. While at the farm, you'll be able to learn about simple composting methods, feed the sheep and chickens, and learn about their dedication to sustainability both on the farm and in a family. Their produce can be purchased on the farm and at the Battle Ground and Salmon Creek farmer's markets. **Directions:** From I-5, take exit 11 for Battle Ground. Travel east on I-5 for 2 miles, and go north 1/2 mile. The farm is on the left.

12. Yacolt Mountain Farm & Nursery - 20217 NE Yacolt Mt. Rd. Yacolt www.yacoltmountainfarmandnursery.com. Caroline and Dan Swanson started this small-scale, 25-acre, diversified horse-powered farm in 2011. The farm produces organic vegetables on four cultivated acres with two greenhouses, plus newly planted fruit trees and berry bushes and about 100 layer chickens, lambs, goats, turkeys, dogs and cats. Organic, sustainable practices are a priority instead of a fad; you see gentle draft horses work the land. Tours are at 11 a.m. & 2 p.m. and interact with some of the animals; see draft horses harnessed and working the land from 11 a.m. to 1 p.m. Veggies and eggs will be available for sale during the Harvest Celebration. Farm products are sold at the Battle Ground and Camas farmer's markets and a CSA program. **Directions:** From I-5 take exit 102 towards Battle Ground, left onto SR 503, and turn left onto NE Yacolt Rd. Take right at Yacolt Rd. (before the red stop sign). 3/2 mile onto Kelley Rd. then left onto Yacolt MTN Rd. then right into the driveway with farm sign.

13. Linda's Dahlias - 1525 SE Washougal River Road, Washougal www.lindasdahlias.com. Visit this quaint farm on the picturesque Washougal River, and bring a picnic for lunch. Take a self-guided walking tour through two dahlia gardens and down near the river. Visit our chicken or select some fresh cut or acat flowers. Fresh eggs and produce available. Order dahlia tubers and garden starts for next spring. Bottled water and cookies will be available for visitors. **Directions:** From I-205, take I-5 east towards Washougal for 10 miles. Turn left onto 12th Street, which becomes 17th Street. This then becomes Washougal River Road after crossing over the Washougal River. Follow Washougal River Road for about 2 miles, ending at the farm.

14. Conway Family Farm - 32116 NE Dial Road, Camas www.conwayfamilyfarm.com. This diverse sustainable farm features a Grade A Goat Dairy and farmstead goat cheese production with underground aging cellar. Additional offerings include eggs, wool, USDA lamb and goat meat production, a commercial blueberry field, and a small cut flower garden. The ever-changing methods, facilities, and processes make this farm a must visit. Topic-specific tours will begin at 11:30; see schedule for details. Get ideas on how to make your small acreage property work for you and unique techniques on livestock production on limited land bases including producing your own food sources. Visit the farm store for farm-raised food and other farm products. Please take available GAP (Good Agricultural Practices) to not allow non-farm animals at this farm to ensure consumer food safety; rules, so please leave your pets at home and wear clean (non-farm) shoes. **Directions:** From I-205, take the SR 503 east and go towards Oxleyville. Continue to follow SR 503 to the east and becomes NE 140th Street. Turn left onto NE 140th Street, which becomes NE 140th Street. Turn right onto NE 140th Street and follow it for 1 mile. Turn south onto NE 215th Ave. and then east onto NE Dial Road. Turn northeast onto NE Leonard Road and follow it for 2 miles to NE Dial Road. Turning southeast and following the road to the east to the farm.

Showing the Bounty of Clark County Farms

This sign indicates farms implementing practices to protect water quality as part of a program sponsored by the Clark County Clean Water Program in partnership with WSU Clark County Extension.

1. Compass Rose Alpaca Farm - 32820 NW Pokan Ferry Rd., Ridgefield 960-887-8327. On a self-guided tour, meet the lovely alpacas, and discover products made from their soft fiber, such as yarn, fleeces, socks, and garments. Splinters will discuss husbandry and other related topics. Join the farm owners at 11:30 a.m. for "Mother Nature's Favorite Farm Animal" - a talk about the environmentally friendly alpaca. Kid-friendly and picnic tables available. **Directions:** From I-5, take NW La Center Street exit, head west onto NW 21st Street. Turn right onto NW 41st Ave. then left onto NW 21st Street. Turn right onto NW 21st Street. Turn west into the driveway and follow it to the house & barn.

2. Northwest Organic Farms - 17713 NW 61st Ave., Ridgefield www.northwestorganicfarms.com. Carls Fest - At this organic vegetable farm, greet and feed friendly chickens. Taste more than 15 varieties of garlic and herb-infused tomatoes at the annual garlic and tomato festival during the tour. Listen to bluegrass music, and visit food vendors throughout the day for fresh fruit, veggies, gifts, and crafts. Relay for Life will be serving Carls for Cancer, and NW Culinary Institute will be holding a cook-off contest with samples. Guided farm tours take place throughout the day, and Farmer Jody will answer tomato questions and hand hands-on demonstrations on braiding and planting garlic. Restrooms and picnic seating available. **Directions:** From I-5, take the 17th Street/Paradise exit and head east on NE 17th Street past the Clark County fairgrounds. Turn south onto NW 61st Ave. The farm will be on the east side of the road.

3. Inspiration Plantation - 24311 NW 24th Ave., Ridgefield www.inspirationplantation.com. This diversified family farm specializes in pasture raised chicken, eggs, lamb, duck, pork and both grass-fed lamb & beef using rotational grazing and humane animal husbandry. We follow organic practices and all our animals enjoy fresh air, water, lush green salad (pasture) and are hormone and antibiotic free. Join Madi & Jen for a walking tour around Inspiration Plantation to see, hear and learn about the past, present and future of this farm. We've got cows, pigs, lambs, goats, chickens, ducks, turkeys, livestock guardian dogs and a couple of huge dogs (stocking an awesome seasonal farm store). Tours start promptly at 10:00 a.m. & 2:00 p.m. and last for about an hour. Lastly, while we love all animals, we ask that you please leave your dogs at home - Thanks! **Directions:** From I-5, take exit 11 for NE 21st St and head east. Turn north on NE 30th Ave. Continue north about 1 mile, then turn east on NE Curry Rd. Follow this road for about 3 miles and head north on NW 24th Ave. The farm will be on your right.

4. 78th St. Heritage Farm & Friendly Haven Rise Farm - 1919 NE 78th St., Vancouver www.78thstheritagefarm.com. Apple Fest - The 78th Street Heritage Farm has served many functions over the years but one characteristic has remained: a center for agriculture. This year, Friendly Haven Rise Farm will host their annual Apple Fest as part of the Harvest Celebration. The Heritage Farm will be with us to identify your apples. Master Food Preservers will give workshops on ways to preserve apples and Naturescape of SW WA will give a talk on planning for pollinators. And, of course, we will have over 200 different kinds of berries, apples, for everyone to taste. Treaties are \$5 for adults and kids are free. **Directions:** From I-5 exit 78th St. and head east for 1/2 mile. From I-205 exit Padden Parkway exit and continue for 1.5 miles. Farm is on the east side of 78th Street.

5. Kunze Farms - 8400 NE 31st St., Vancouver 860-887-5338. This longtime farm features peaches, pears, apples, Italian plums, concord grapes, lemons, wildberries, fresh flowers, and many vegetables in season. Visit the farm store which offers a variety of foods to sample and purchase, or get a picnic. Self-guided. Visitors are welcome to roam the farm and orchards. Restrooms and picnic areas available. **Directions:** From Hwy 503, take NE Anderson Rd. north to NE 34th St. and turn west. Turn south on NE 30th Ave. and then east on NE 31st St. Go to the block.

6. Storytree Farm - 6227 NE 124th St., Vancouver www.storytreefarm.com. Come sit beneath the Story Tree at this urban fringe farm and discover how biologically sound cultural practices can produce beautiful, delicious, healthy food. This family-owned CSA farm grows a wide variety of fresh vegetables, herbs, berries, and flowers using natural, chemical-free methods. Meet the goats and chickens, and have a chat with the owners while you stroll through their diverse gardens, orchards and vineyard. Ongoing free workshops include how to make water kefir, pickling & fermenting, home brewing and wild plant uses. Bring a sack and enjoy a picnic on the lawn. Check schedule for workshop times and details. **Directions:** From I-205, take exit 11 for NE 21st St and head east. Turn north on NE 124th St. and turn west. Turn south on NE 124th St. and then east on NE 124th St. Farm is on the left.

7. Bi-Zi Farms - 9504 NE 119th St. Vancouver www.bi-zifarms.com. Bring your lunch and enjoy picnic tables, animals, a wonderful farm stand featuring fresh eggs, fruit and flowers. Easy jams, jellies, and pies are also on hand at the farm store. Pet the friendly, donkey and goats; check out the chickens, and visit with the farm owners. The fields will be open for guided tours via hay rides, available every hour beginning at 10 a.m. Restrooms available. **Directions:** From I-205, take SR 503 east and go toward Oxleyville. Continue north on SR 503 (NE 117th Ave) and turn east onto NE 119th Street. The farm will be on the north side of the road.

	10:00	11:00	12:00	1:00	2:00	3:00
1. Compass Rose Alpaca Farm	Alpaca Meet & Greet					
2. NW Organic Farms	Guided Farm Tour	Barley Stew	Garlic Planting	Guided Farm Tour		
3. Inspiration Plantation	Guided Farm Tour	Apple Pie Fillings	Growing Apple Trees	Planning for Pollinators	Delicious Ways to Preserve Apples	How to Make a Pie (all day)
4. 78th St. Heritage Farm & Friendly Haven Rise	Apple Pie Fillings	Self-Guided Farm Tour	Water Kefir Demo	Nourishing Dishes from Wild Plants	Pickling Demos	Home Brewing Demos all day
5. Kunze Farms	Self-Guided Farm Tour	Water Kefir Demo	Nourishing Dishes from Wild Plants	Pickling Demos	Home Brewing Demos all day	
6. Storytree Farm	Pickling Demos	Water Kefir Demo	Nourishing Dishes from Wild Plants	Pickling Demos	Home Brewing Demos all day	
7. Bi-Zi Farms	Hay Ride Farm Tours every hour on the hour					
8. Botany Bay Farm	Guided Farm Tour					
9. Half Moon Farm	Self-Guided Farm Tour	Honey Tasting	Honey Bee & Honey Product	Talks all day		
10. Garden Delights CSA & Herb Farm	Guided Farm Tour (10:15)	Herbal Tea, Feroced Composting Demos	Herbal Tea, Feroced Composting Demos	Herbal Tea, Feroced Composting Demos	Herbal Tea, Feroced Composting Demos	Herbal Tea, Feroced Composting Demos
11. Five Sprouts Farm	Basics of Vermicomposting	Guided Farm Tour	Basics of Vermicomposting	Guided Farm Tour	Basics of Vermicomposting	Guided Farm Tour
12. Yacolt Mt. Farm	Guided Farm Tour	"Drift Horse Demos (11:00-1:00)				
13. Linda's Dahlias	Self-Guided Farm Tour all day					
14. Conway Family Farm	Self-Guided Farm Tour all day	Goat Dairy Tour, Goat Cheesemaking				

Make the Farm Connection! Invest in Your Community - Buy Local

Doug Stenberger, Director, Washington State University Clark County Extension

Clark County farms face an uncertain future - a future that depends on community support. Global competition, high production costs, land prices, cheap food policies, and a fast growing population unfamiliar with farming pose daily challenges for local farmers. Today, our food often comes to us after being shipped hundreds or thousands of miles from where it was produced. Many consumers do not give much thought to the farmer who grows and raises the food. Less than two percent of Americans work on a farm. Much different than the 30% who did so in 1900.

The face of farming in Clark County looks much different today than it did even 20 years ago when local farming included large dairies, expansive berry fields, and production, diverse livestock operations, among others. Today, many of the dairies are gone, farming acreage has shrunk, and most farms do not produce large amounts of commodities for processing or wholesaling.

Farming Adversity in Clark County

Our local farmers adapt to changing conditions in order to become sustainable into the future. To remain economically viable, farmers diversify what they grow or raise, they sell more than just the raw fruit or vegetable (for example, tomatoes become salsa), and they sell their products directly to the community members. In order to remain environmentally sustainable, they steward their land, after all, their livelihood depends on good stewardship. In order to feed sustainable communities, they connect with consumers, not only providing access to local and fresh products, but also connecting as neighbors.

Buying Clark County farm products supports both farms and our community. Spending some of your food dollar on locally produced farm products keeps money in our local economy and also provides the farmer a living. Local farming keeps us more secure from interruptions in the global food system. We receive many indirect benefits from local farms. Farmland makes better habitat for wildlife than a parking lot, farmland slows down rain runoff and so charges groundwater better than developed land, farmland provides aesthetics, and farms are connected with our agricultural heritage. So, come out on Saturday, September 15th, and see some of your farming neighbors and shape what our community looks like in the future.

WSU Extension programs and employment are available to all without discrimination.

Why Buy Local?

Economic Diversity & Economic Development. Local farms provide jobs and keep your food dollars in the local economy.

Food Security. Production of, and access to, fresh, safe, food.

Preservation of Landscapes. Farms provide green space, productive landscapes, groundwater recharge, flood control, & wildlife habitat.

Tourism. Local farms attract visitors.

Reduced Transportation & Energy Costs. Food traveling hundreds of miles to market can impact the environment and the economy.

FIND LOCAL FARMS

[HTTP://FARMFINDER.WSU-EDU/](http://FARMFINDER.WSU-EDU/)

Find farms in Washington and Oregon

Other Publicity

The Reflector
September 11, 2013

Annual Harvest Celebration connects community, farms

Posted: Wednesday, September 11, 2013 9:00 am

WSU Clark County Extension will hold this year's Harvest Celebration Day on Sept. 21, marking 15 years the county-wide farm tour has connected members of the community with local agriculture. Fourteen farms will open their gates to the public for the family-friendly event, including past favorites such as Northwest Organic Farms, Inspiration Plantation and Bi-Zi Farms. Participants will also get to check out four new additions to the tour; Botany Bay Farm, Garden Delights CSA & Herb Farm, Five Sprouts Farm and Friendly Haven Rise Farm, who'll be holding their annual Apple Fest at the 78th Street Heritage Farm.



The farms on this year's Harvest Celebration will offer plenty of activities for the whole family including a Garlic Fest, Apple Fest and Honey Fest. Storytree Farm will hold fermentation demos throughout the day, Yacolt Mountain Farm & Nursery will show off their draft horses working the fields, and Conway Family Farms will offer talks on goat dairying and cheese making. Participants will be able to meet local farmers; purchase fresh produce, U-pick, cut flowers, and other farm products; see alpacas, draft horses, chickens, goats, and other livestock; tour fruit orchards, vegetable fields and flower gardens.

Eric Lambert, Small Acreage Program Coordinator said, "The farms participating this year have lined up some great activities that offer something for everyone. Tours show a glimpse of life on the farm, festivals highlight favorite seasonal products and the various homesteading demonstrations are always popular."

This year's Harvest Celebration will also feature six local farms that have been recognized by WSU Clark County Extension for showing a commitment to stewardship. Compass Rose Alpacas, Friendly Haven Rise Farm, Storytree Farm, Garden Delights CSA & Herb Farm, Five Sprouts Farm and Conway Family Farm have been awarded a sign that reads "Doing Our Part for Clean Water," for the implementing practices that protect clean water and natural resources.

"We're especially proud of these farms that have gone the extra mile and demonstrated that agriculture really can be environmentally friendly," Lambert said. "These farms are important as we work to build a culture of stewardship in Clark County and they're a great place to learn about sustainable farming practices." Farm descriptions with maps and an events schedule are available online at <http://clark.wsu.edu> or from the Extension office in Vancouver located at 1919 NE 78th Street. Participating farms will be open to visitors from 10 a.m.-3 p.m.

Doug Stienbarger, WSU Clark County Extension Director said, "This celebration offers residents a great opportunity to meet local farmers in their backyard and connect with local sources for farm products, while also showing their support for Clark County agriculture."

Here's a look at the farms participating in this year's Harvest Celebration:

- **1. Compass Rose Alpaca Farm** – 32820 NW Pekin Ferry Rd, Ridgefield, (360) 887-8327. On a self-guided tour, visitors will have the opportunity to meet alpacas and discover products made from their soft fiber, such as yarn, fleece, socks and garments. Spinners will discuss husbandry and other related topics. Visitors will also have the

chance to join the farm owners at 11:30 a.m. for “Mother Nature’s Favorite Farm Animal,” a talk about the environmentally-friendly alpaca. Restrooms and picnic tables available.

- **2. Northwest Organic Farms** – 17713 NW 61st Ave, Ridgefield, www.northwestorganicfarms.com, Garlic Fest. At this organic vegetable farm, visitors can greet and feed friendly chickens as well as taste more than 15 varieties of garlic and heirloom tomatoes at the annual garlic and tomato festival during the tour. Visitors will also have the opportunity to listen to bluegrass music and visit food vendors throughout the day for fresh fruit, veggies, gifts, and crafts. Relay for Life will be serving Garlic Ice Cream, and NW Culinary Institute will be holding a cook-off contest with samples. Guided farm tours take place throughout the day, and Farmer Greg will answer tomato questions and lead hands-on demonstrations on braiding and planting garlic. Restrooms and picnic seating available.

- **3. Inspiration Plantation**– 24311 NW 24th Ave. Ridgefield, www.inspirationplantation.com. This diversified family farm specializes in pasture-raised chicken, eggs, turkey, duck, pork and both grass-fed lamb and beef using rotational grazing and humane animal husbandry. Farm staff members follow organic practices and all the animals enjoy fresh air, water, luscious green salad (pasture) and are hormone and antibiotic free. Join Matt and Jen for a walking tour around Inspiration Plantation to see, hear and learn all about the past, present and future of this farm. They’ve got cows, pigs, lambs, goats, chickens, ducks, turkeys, livestock guardian dogs and a couple of huge gardens stocking an awesome seasonal farm store. Tours start promptly at 10 a.m. and 2 p.m. and each tour lasts for about an hour. Lastly, while farm staff members love all animals, they ask that visitors please leave theirs at home.

- **4. 78th Street Heritage Farm with Friendly Haven Rise Farm** - 1919 NE 78th St, Vancouver www.clark.wa.gov/farm/, www.friendlyhaven.com, Apple Fest. The 78th Street Heritage Farm has served many functions over the years but one characteristic has remained; a center for agriculture. This year, Friendly Haven Rise Farm will host its annual Apple Fest as part of the Harvest Celebration. The Home Orchard Society will be on hand to identify visitor’s apples. Master Food Preservers will give workshops on ways to preserve apples and Naturescaping of SW WA members will give a talk on planting for pollinators. And, they will have over 200 different kinds of heirloom apples for everyone to taste. Tastings are \$5 for adults and kids are free.

- **5. Kunze Farms** - 6109 NE 53rd St, Vancouver, (360) 693-5238. This long-time farm features peaches, pears, apples, Italian plums, concord grapes, hazelnuts, walnuts, fresh flowers, and many vegetables in season. Visit the farm store, which offers a variety of foods to sample and purchase, or go for u-pick. Self-guided and guided tours of the farm are available. Visitors are welcome to roam the farm and orchards. Restrooms and picnic areas available.

- **6. Storytree Farm** - 6227 NE 124th St, Vancouver, www.storytreefarm.com. Visitors can sit beneath the Story Tree at this urban fringe farm and discover how biologically-sound cultural practices can produce beautiful, delicious, healthful food. This family-owned CSA farm grows a wide variety of fresh vegetables, fruits, herbs, and flowers using natural, chemical-free methods. Visitors can meet the goats and chickens, and have a chat with the owners while they stroll through their diverse gardens, orchards and vineyard. Ongoing free workshops include how to make water kefir, pickling & fermenting, home brewing and wild plant teas. Visitors can bring a snack and enjoy a picnic on the lawn. Check schedule for workshop times and details.

- **7. Bi-Zi Farms** - 9504 NE 119th St, Vancouver, www.bizifarms.com. Visitors can bring their lunch and enjoy picnic tables, animals, a wonderful farm stand featuring fresh veggies, fruit and flowers. Tasty jams, jellies, and pies are also on hand at the farm store. Pet the friendly donkey and goats, check out the chickens, and visit with the farm owners. The fields will be open for guided tours via hay rides, available every hour beginning at 10 a.m. Restrooms are available.

- **8. Botany Bay Farm** - 13513 NE 132nd Ave, Brush Prairie, www.botanybayfarm.com. The staff members at Botany Bay Farm strive to produce healthy, contented animals; fertile, sustainable land; and healthy, nourishing food using holistic family-friendly farming methods. They are currently raising meat chickens, layers, pigs, cows, sheep, and rabbits. Visitors are encouraged to bring sturdy shoes and join in on one of the farm tours, which will start promptly at 10 a.m. and 1 p.m. Staff members will be selling freshly-processed whole chickens and chicken parts as well as handcrafted soaps. Shaded seating and cold water will be provided. They cannot accommodate pets on the tours.

- **9. Half Moon Farm** - 14737 NE 159th St, Brush Prairie, www.halfmoonfarm.com, Honey Harvest Celebration at Half Moon Farm, Sept. 21-22. Visitors can taste varieties of raw honeys and enjoy sampling other honey products produced by bees, visit with the chickens and help the farmer look for eggs. Visitors can also meet the farm

owners to learn about their farming and beekeeping practices. Garden art, gifts, crafts, honey, honey products and flower bouquets will be available at the farm. Visitors can walk through the flower gardens and wooded areas and bring the family for a picnic.

- **10. Garden Delights CSA & Herb Farm** - 15417 NE Parkinen Rd, Brush Prairie, www.gardendelightsfarm.com. Area residents are invited to join the entire family for a fall herbal and farming celebration. There will be classes and workshops throughout the day, guided farm tours, kid's activities, and a self-guided farm tour. Visitors can come see the gardens, meet the animals, and sample herbal teas and snacks made with herbs. The farm store will be set up with all of their farm crated herbal products for people and pets, herb plants, and even some fun and unusual products. Seating is available, so visitors can bring a snack and enjoy the wildlife garden.

- **11. Five Sprouts Farm** - 22612 NE 72nd Ave, Battle Ground, www.myselfsufficienthome.com. Five Sprouts Farm began as a dream and became a reality in 2012. Garrett and Alyssa Hoyt, along with their five "sprouts" (children) work this small-scale diversified vegetable farm using organic methods. Their goal is to provide an example to the community of healthy, simple, and sustainable living. While at the farm, visitors will be able to learn about simple composting methods, feed the sheep and chickens, and learn about their dedication to sustainability both on the farm and as a family. Their produce can be purchased on the farm and at the Battle Ground and Salmon Creek farmer's markets.

- **12. Yacolt Mountain Farm & Nursery** - 20217 NE Yacolt Mt. Rd, Yacolt, www.yacoltmountainfarmandnursery.com. Caroline and Dan Swansey started this small-scale, 25 acre, diversified horse powered farm in 2011. The farm produces organic vegetables on four cultivated acres with two greenhouses, plus newly-planted fruit trees and berry bushes and about 100 layer chickens, lambs, goats, turkeys, dogs and cats. Organic, sustainable practices are a priority so instead of a tractor, visitors will see gentle draft horses work the land. Tours are at 11 a.m. and 2 p.m. See and interact with some of the animals; see draft horses harnessed and working the land from 11 a.m.-1:30 p.m. Veggies and eggs will be available for sale during the Harvest Celebration. Farm products are sold at the Battle Ground and Camas Farmer's markets and a CSA program.

- **13. Linda's Dahlias** - 1525 SE Washougal River Road, Washougal, www.lindasdahlias.com. Visitors can see this quaint farm on the picturesque Washougal River, and bring a picnic for lunch. They will also have the chance to take a self-guided walking tour through two dahlia gardens and down near the river, visit the chickens or select some fresh cut or u-cut flowers. Fresh eggs and produce will be available and visitors can order dahlia tubers and garden starts for next spring. Bottled water and cookies will be available for visitors.

- **14. Conway Family Farm** - 32116 NE Dial Road, Camas, www.conwayfamilyfarm.com. This diverse, sustainable farm features a Grade A Goat Dairy and farmstead goat cheese production with underground aging cellar. Additional offerings include eggs, wool, USDA lamb and goat meat production, a commercial blueberry field, and a small cut flower garden. The ever-changing methods, facilities, and processes make this farm a "must visit." Topic specific tours will begin at 11:00 a.m. Visitors can get ideas on how to make their small acreage property work for them and unique techniques on livestock production on limited land bases including producing your own feed sources. Visit the farm store for farm-raised food and other farm products. Picnic tables available. GAP (Good Agricultural Practices) do not allow non-farm animals at this farm to ensure consumer food safety rules, so visitors are asked to please leave pets at home and wear clean (non-farm) shoes.

Other Publicity

Camas Washougal Post Record
September 3, 2013



CONTRIBUTED PHOTO

Lorrie Conway of Conway Family Farms in Camas will talk about goat dairying and cheese making during the upcoming Harvest Celebration. The event is organized by the Washington State University Extension and will include participation by more than a dozen Clark County farms.

Harvest Celebration Day returns this month

Two local farms will be participating

Two local sites are among the more than a dozen farms that will be part of the 15th Harvest Celebration Day events.

On Saturday, Sept. 21, 14 fruit, vegetable, flower and animal farms will be open to the public for tours, festivals, demonstrations and presentations.

The free event will be held from 10 a.m. to 3 p.m. Participants will be able to meet local farmers; purchase fresh produce and other farm products; see alpacas, draft horses, chickens, goats, and other livestock; and tour fruit orchards, vegetable fields and flower gardens.

"The farms participating this year have lined up some great activities that offer something for everyone," said Eric Lambert, Small Acreage Program coordinator. "Tours show a glimpse of life on the farm, festivals highlight favorite seasonal products and the various homesteading demonstrations are always popular."

Participating farms include Linda's Dahlias in Washougal, and Conway

Family Farm in Camas.

Linda's Dahlias, located on Washougal River Road, will offer a self-guided walking tour through two dahlia gardens. They also have chickens, fresh fruit and u-cut flowers. Orders will be taken for dahlia tubers and garden starts for next spring.

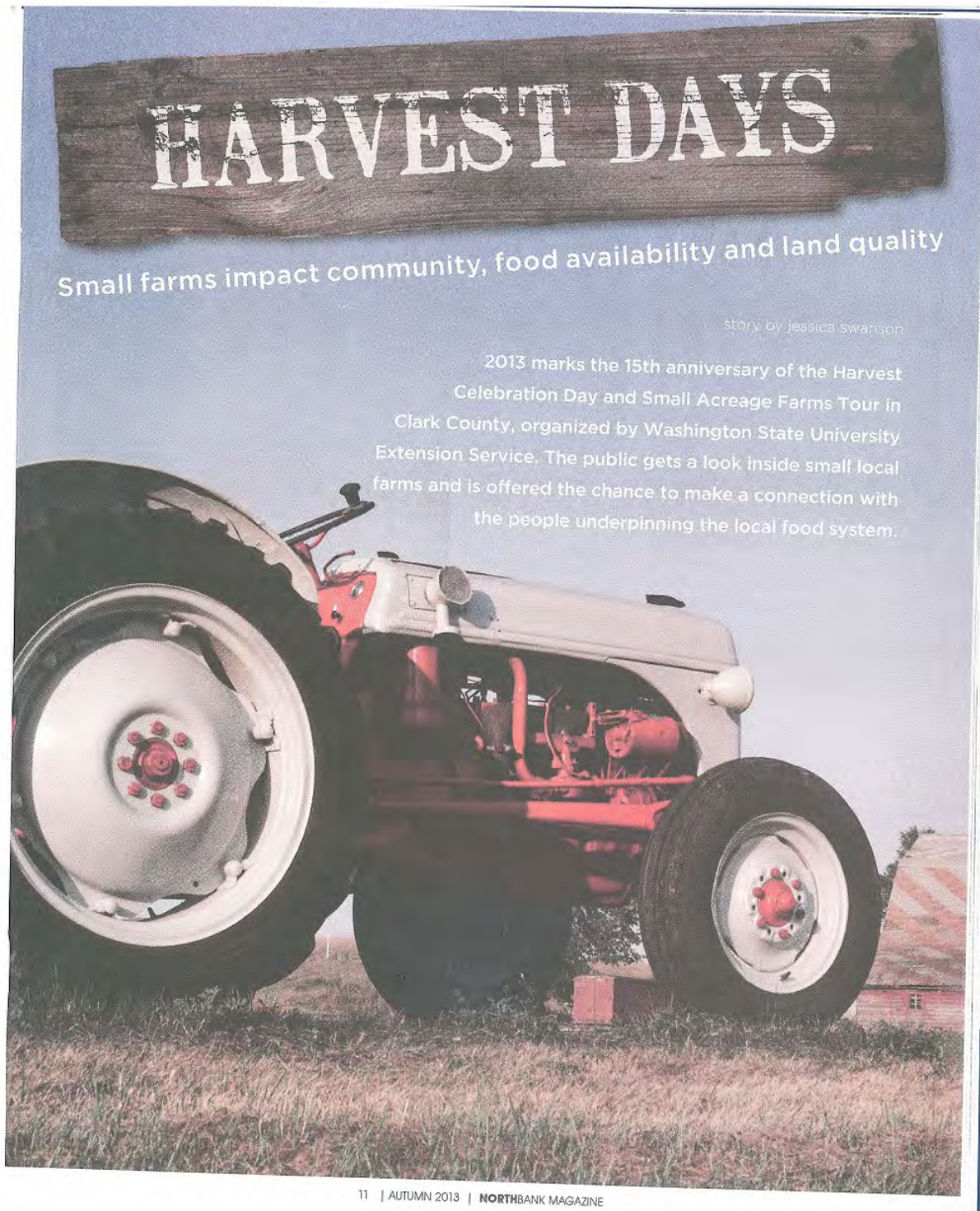
Conway Family Farms, located on Dial Road, is a sustainable farm that offers a goat dairy and farmstead goat cheese production with an underground aging cellar. It also has eggs, wool, lamb and goat meat production and a blueberry field. There is an on-site store where farm-raised food and other products can be purchased.

Other participating Clark County farms include Compass Rose Alpaca Farm, Northwest Organic Farms and Inspiration Plantation in Ridgefield; 78th Street Heritage Farm, Kunze Farms, Storytree Farms, Bi-Zi Farms, in Vancouver; Botany Bay Farm, Half Moon Farm and Garden Delights CSA and Herb Farm in Brush Prairie; Five Sprout Farm in Battle Ground; and Yacolt Mountain Farm and Nursery in Yacolt.

For more information, a tour map and other details, visit <http://clark.wsu.edu/>.

Other Publicity

North Bank Magazine
Autumn, 2013



North Bank Magazine Continued



This year's tour offers an inside look at a variety of farms, from stalwarts such as Kunze Farm and Bizi Farms to brand new family operations such as Botany Bay Farm and Five Spouts Farm. (For more on Botany Bay Farm, see the Green Life section on page 8.) Doug Stienbarger, WSU Clark County Extension director, said that in the last two to four years, while the number of small farms has been increasing, the amount of acreage each sits on is decreasing, which supports recent anecdotal evidence that there are simply more, smaller farms.

Eric Lambert, Extension Small Acreage Program coordinator, says properties of most sizes are welcome under the small acreage banner. It's more about "how you intend to use your land," he said. "If you have ten acres of lawn, it doesn't really work, [but if you are] growing some food, raising some animals, and having wildlife habitat, it's a good fit whether it's 40 acres or two."

The Harvest Celebration started in



1998 in Clallam County and spread to 13 or 14 counties in the state. While some counties coordinate a farm dinner and other events, Clark County farms are left to decide what they would like to offer. Most host a day's worth of family friendly activities. This year, as in years past Northwest Organic Farms is hosting a popular garlic and tomato festival, which draws 500 people, and Half Moon Farm will put on a honey festival to celebrate bees and bee products. An apple fest is also in the works.

"We are trying to connect consumers with their food and agriculture products. Most people didn't grow up on farms. They don't know where their food comes from," said Lambert. "Building relationships is one of the key goals of this event."

A ROLE FOR LAND STEWARDSHIP EDUCATION

Some of the farms on the Harvest Celebration Tour are part of the Model Properties Program, a collaboration with Clark County Environmental Services. Lambert said "landowners and farmers can show their commitment to land stewardship," and receive a designation

that they are implementing clean water management practices and good land stewardship on their acreage. These practices include guttering to reduce mud, fencing to keep animals from eroding streams, composting manure and covering compost, siting outbuildings to improve efficiency, properly storing chemicals and fuels away from wells and septic systems, keeping vegetation around waterways and wetlands, limiting bare soil areas and trying to keep a weed free pasture.

Lambert does a casual site visit of a property at the request of an owner, and makes recommendations that fit the above criteria. When the property meets the criteria, it receives a placard recognizing the steward's efforts.

Several farms on this year's tour are model properties, including Conway Family Farms, Five Sprouts Farm, Storytree Farm and Garden Delights Herb Farm and CSA, with five other properties in the county currently carrying the designation.

Erin Harwood is a farmer and co-owner of Garden Delights, as well as the previous small acreage coordinator.

North Bank Magazine Continued

"I would say it takes a lot of effort [to become a model property] – all of it well worth it!" she said. "Our family has owned our farm property for more than 20 years, and we have continually worked to improve it over time. This included improving our knowledge, experience and also management skills. While all of this sounds challenging, it is definitely feasible to become a model property! I suspect there are a lot of properties out there that would qualify, they just set such high standards for themselves – which is great and exactly why they would qualify."

WSU Clark County Extension's flagship course is coming up in September. Living on the Land: Stewardship for Small Acreages is a 12-week course that includes modules on soil management, best water practices, livestock and animal management, and "Turning Dreams into Reality." This course is open to anyone who has land or is thinking about acquiring it. Lambert says that farmers who attend this class along with an early winter business planning class have a great shot at success on their land.

STAYING CONNECTED

While the Harvest Celebration is a great opportunity to connect with farmers once a year, there are ways to connect year round, including an online Farm Finder accessible at http://smallfarms.wsu.edu/farms/locate_search.asp.

"A lot of people are demanding more local food, having that connection with your farmer and supporting local economy," said Stienbarger. "We are trying to preserve the agricultural roots that we have in this county." ■



CLARK COUNTY HARVEST DAY CELEBRATION AND SMALL FARMS TOUR

Saturday, Sept. 21, 10 a.m. to 3 p.m.

Visit a dozen or so farms in Clark County, many of which are hosting activities, events and guided tours. Show up any time, and stay as long as you like. So far, the roster includes:

CONWAY FAMILY FARM

conwayfamilyfarm.com
32116 N.E. Dial Road, Camas

INSPIRATION PLANTATION

inspirationplantation.com
24311 N.W. 24th Ave., Ridgefield

**YACOLT MOUNTAIN FARM
AND NURSERY**

yacoltmountainfarmandnursery.com
20217 N.E. Yacolt Mountain Road, Yacolt

FIVE SPROUTS FARM

myselfsufficienthome.com
22612 N.E. 72nd Ave, Battle Ground

LINDA'S DAHLIAS & MORE

lindasdahlias.com
1525 S.E. Washougal River Road,
Washougal

COMPASS ROSE ALPACAS

32820 N.W. Pekin Ferry Road, Ridgefield
360-887-8327

BI-ZI FARMS

bizifarms.com
9504 N.E. 119th St., Vancouver

**78TH ST. HERITAGE FARM WITH
FRIENDLY HAVEN RISE FARM**

clark.wa.gov/farm
friendlyhaven.com
1919 N.E. 78th St., Vancouver

STORYTREE FARM

storytreefarm.com
6227 N.E. 124th St., Vancouver

**GARDEN DELIGHTS CSA
AND HERB FARM**

gardendelightsfarm.com
15417 N.E. Parkinen Road, Brush Prairie,

NORTHWEST ORGANIC FARMS

northwestorganicfarms.com
17713 N.W. 61st Ave., Ridgefield

HALF MOON FARM

halfmoonfarm.com
14737 N.E. 159 St., Brush Prairie

BOTANY BAY FARM

botanybayfarm.com
13513 N.E. 132nd Ave., Brush Prairie

KUNZE FARM

6109 N.E. 53rd St., Vancouver
360-693-5238

Appendix F: Model and Merit Properties

SAMPLE TOUR FLYER

SAMPLE PRESS RELEASE

OTHER TOUR PUBLICITY

SAMPLE HALF PAGE TOUR FLYER

Small Acreage Tour

Free!

Got horses? Gain valuable ideas for keeping your horses healthy & your property looking good when you tour this sustainable small acreage horse ranch.



El Rancho Los Dos Amigos
Ridgefield, WA

Saturday
June 8, 2013
10 am to 12 pm



Come see:

- ~ Pasture Management
- ~ Manure composting
- ~ Drainage and mud solutions
- ~ Sacrifice Areas/Winter Paddocks

PRE-REGISTRATION REQUIRED

www.brownpapertickets.com/event/378103

or call (360) 397-6060 ext. 0

Jointly sponsored by:

WSU Clark County Extension Small Acreage Program
Clark County Environmental Services Clean Water Program

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call (360) 397-6060 ext. 0 at least two weeks prior to the event.

SAMPLE PRESS RELEASE

For Immediate Release

October 15, 2013

Contact: Eric Lambert
WSU Extension Clark County
Tel: 360-397-6060 ext. 5729
E-mail: eric.lambert@clark.wa.gov

Compass Rose Alpaca Farm Tour Highlights Small Acreage Stewardship

Ridgefield, WA – Need some ideas for improving operations on your property? Learn valuable tips and see strategies that can reduce mud, improve pastures and effectively manage manure while touring Compass Rose Alpaca Farm, a local small acreage property that was recognized by WSU Clark County Extension as a Model Property for showing a commitment to stewardship. The five acre farm is home to 16 alpacas and has been managed with stewardship in mind since the landowners completed the Living On the Land course offered each fall by the Small Acreage Program. Participants will have the opportunity to see and discuss fencing, footing materials to reduce mud, manure storage and composting, alpaca care, barn design, pasture management, drainage, controlling runoff and much more.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program, will lead the tour with the landowners. Land management resources will be available and the tour will begin at 9:30 am and run until 11:30 am with participants meeting at the property in Ridgefield.

Eric Lambert, Small Acreage Program Coordinator, says “The landowners of this beautiful property have attended Small Acreage Program workshops and put in a lot of thought and effort implementing management practices that protect natural resources and improve operations. It should be a great event for anyone looking for solutions to challenges common among local small acreage owners and you don’t need to own alpacas to attend.” Farm tours are guided educational events open to everyone and anyone!

Compass Rose Alpaca Farm Tour

Saturday, November 2, 2013 – 9:30 AM to 11:30 AM
Ridgefield, WA

Registration is free, but tour size is limited. To register visit:

<http://www.brownpapertickets.com/event/484266> or call 360-397-6060 ext. 0

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060 ext. 0 prior to the event.

OTHER TOUR PUBLICITY

The Reflector
May 22, 2013

Mud, manure and pasture solutions on farm tour

Posted: Wednesday, May 22, 2013 9:00 am

Area residents in need of some ideas for improving their property can learn valuable tips and see strategies that can help reduce mud, improve pastures and effectively manage manure while touring El Rancho Los Dos Amigos, a local small acreage farm that was recognized by the WSU Clark County Extension for being a Model Property.

The tour is scheduled for Sat., June 8.

The three acre farm is home to two horses and has been managed with stewardship in mind since the landowners completed the Living On the Land course offered each fall by the Small Acreage Program. Participants will have the opportunity to see and discuss winter paddock design, footing materials to reduce mud, manure storage and composting, horse care, stable design, pasture management, drainage, and controlling runoff.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program, will lead the tour with the landowners. Land management resources will be available and the tour will begin at 10 a.m. and run until noon with participants meeting at the property in Ridgefield.

Eric Lambert, Small Acreage Program coordinator, says “The landowners of this beautiful small acreage property have attended our workshops and put in a lot of thought and effort implementing management practices that really work. It should be a great educational event for everyone and you don’t need to own horses to attend.”

Farm tours are guided educational events open to everyone and anyone.

Registration is free, but tour size is limited. To register

visit: <http://www.brownpapertickets.com/event/378103> or call (360) 397-6060 ext. 0. WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060 ext. 0 prior to the event.

OTHER TOUR PUBLICITY

Clark County FYI
May, 22 2013

FYI Online

6

Page 1

- Employee Recognition Ceremony

Page 2-4

- Employee Recognition Ceremony, cont.

Page 5

- Dog bite prevention
- Order Rotary berries
- Memorial Day history

Page 6

- WSU Extension classes
- CRESA accreditation
- EAP newsletter

Page 7

- On this date in history



Email articles to
FYI Online.
Deadline is 5 p.m. on
Friday for publication on
Wednesday.
Questions?
Call Holley Gilbert,
PIO, ext. 4303.

WSU Clark County Extension workshops

Some workshops are sponsored in partnership with Clark County Environmental Services

What: Xeriscaping: how to plant and maintain water efficient landscaping

When: 6:30-8:30 p.m., Thursday, May 30

Where: 78th Street Heritage Farm, 1919 N.E.78th St., Vancouver

Cost: Free

Registration: www.brownpapertickets.com/event/374680 or call (360) 397-6060 ext. 5712

What: Build a rain garden at Washougal City Hall

When: 10 a.m. - noon, Saturday, June 1

Where: 1701 C St., Washougal

Cost: Free, space is limited

Registration: <http://tinyurl.com/osxjtsw> or (360) 397-6060 ext. 5705

What: Rain barrel assembly and installation

When: 6:30-8:30 p.m., Wednesday, June 5

Where: 78th Street Heritage Farm, 1919 N.E.78th St., Vancouver

Cost: \$35 for barrel

Registration: www.brownpapertickets.com/event/324653 or (360) 397-6060 ext. 5712

What: Mud, manure and pasture solutions

When: 10 a.m. - noon, Saturday, June 8

Where: El Rancho Los Dos Amigos Farm, Ridgefield

Cost: Free, space is limited

Registration: www.brownpapertickets.com/event/378103 or call (360) 397-6060 ext. 0

What: What to do about weeds

When: 6:30-8:30 p.m., Tuesday, June 11

Where: 78th Street Heritage Farm, 1919 N.E.78th St., Vancouver

Cost: Free, space is limited

Registration: www.brownpapertickets.com/event/380115 or (360) 397-6060 ext. 5705

WATERSHED STEWARD PROGRAM



WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



CRESA earns national accreditation again

Clark Regional Emergency Services Agency has again been accredited as a center of excellence by the National Academies of Emergency Dispatch.

First accredited in 1994, CRESA seeks the review every three years.

Employee Assistance Program newsletter

Frontline Employee, by Providence Health & Services

Read about topics such as accepting feedback, how to support caregivers and getting along with difficult people.

OTHER TOUR PUBLICITY

The Reflector
July, 10 2013



WSU CLARK COUNTY EXTENSION'S Small Acreage Program will sponsor a tour of Vancouver's Storytree Farm on Tues., July 30. The public is invited to the free event.

Organic CSA shows off farm stewardship

Public invited to tour Storytree Farm

The organizers of WSU Clark County Extension's Small Acreage Program invites participants to tour Storytree Farm, a four acre organic CSA farm in Vancouver. The tour will be held on Tues., July 30.

Storytree Farm produces a variety of vegetables, flowers and fruits and is home to honey bees and goats. In 2006, Storytree Farm was recognized by WSU Clark County Extension as a Model Property for exhibiting stewardship by making efforts to eliminate chemical use, provide pollinator habitat, protect soil quality and manage stormwater. Tour participants will have the opportunity to see organic production practices, discuss ways to improve pollinator habitat, learn how to sample soils, and manage organic nutrients.

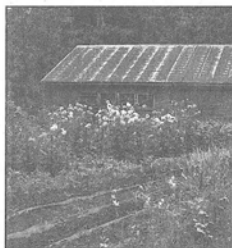
The Small Acreage Program, co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program, will lead the tour with the landowners. The tour lasts from 6:30 p.m. until 8:30 p.m. and participants will meet at the farm in Vancouver.

Eric Lambert, Small Acreage Program coordinator, said "The landowners of this terrific farm have a lot of great things to share about stewardship, community involvement and running a CSA business. It should be a great educational event for anyone interested in sustainable agriculture and you don't need to be a farmer to attend."

Farm tours are guided educational events open to everyone. Registration is free, but tour size is limited. Those interested should visit <http://www.brownpapertickets.com/event/408392> or call (360) 397-6060, Ext. 0

to register, get directions to the property, and for more information. There will be more tours in the summer and fall.

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060, Ext. 0 two weeks prior to the event.



OTHER TOUR PUBLICITY

The Reflector
October, 30 2013

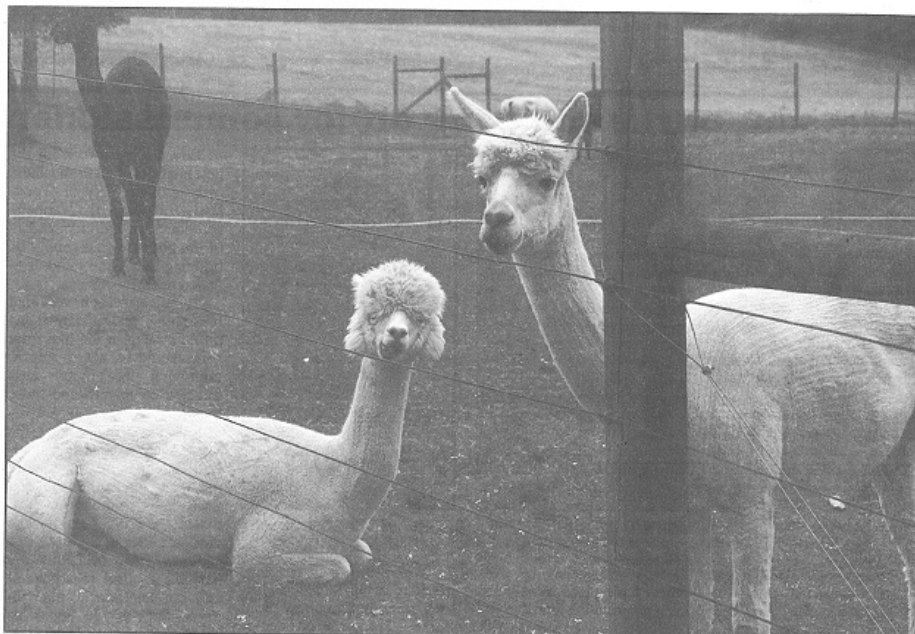
Page A4 - The Reflector - October 30, 2013

Alpaca Farm Tour highlights Small Acreage Stewardship

Area residents who need some ideas for improving operations on your property can learn valuable tips and see strategies that can reduce mud, improve pastures and effectively manage manure while touring Compass Rose Alpaca Farm,



THE COMPASS ROSE ALPACA FARM is home to 16 alpacas and has been managed with stewardship in mind since the landowners completed the Living On the Land course offered each fall by the Small Acreage Program.



AREA RESIDENTS who need some ideas for improving operations on their property can learn valuable tips and see strategies that can reduce mud, improve pastures and effectively manage manure while touring Compass Rose Alpaca Farm, a local small acreage property that was recognized by WSU Clark County Extension as a Model Property for showing a commitment to stewardship.

a local small acreage property that was recognized by WSU Clark County Extension as a Model Property for showing a commitment to stewardship. The tour is scheduled for Sat., Nov. 2.

The five-acre farm is home to 16 alpacas and has been managed with stewardship in mind since the landowners completed the Living On the Land course offered each fall by the Small Acreage Program. Participants will have the opportunity to see and discuss

fencing, footing materials to reduce mud, manure storage and composting, alpaca care, barn design, pasture management, drainage, controlling runoff and much more.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program, will lead the tour with the landowners. Land management resources will be available and the tour will begin at 9:30 a.m. and run until 11:30

a.m. with participants meeting at the property in Ridgefield.

Eric Lambert, Small Acreage Program coordinator, said "The landowners of this beautiful property have attended Small Acreage Program workshops and put in a lot of thought and effort implementing management practices that protect natural resources and improve operations. It should be a great event for anyone looking for solutions to challenges common among local small acreage owners and you don't need to

own alpacas to attend."

Farm tours are guided educational events open to everyone and anyone.

Registration is free, but tour size is limited. To register visit: <http://www.brownpapertickets.com/event/484266> or call (360) 397-6060, Ext. 0

WSU Extension programs are available to all without discrimination. Persons requiring special accommodations should call WSU Clark County Extension at (360) 397-6060, Ext. 0 prior to the event.

Clark County FYI
October 30, 2013

Alpaca farm tour rounds out Small Acreage

Visit Compass Rose Alpaca Farm in Ridgefield next month and learn small acreage management tips and strategies from a business recognized as a model property for stewardship.

The five-acre farm is home to 16 alpacas and has been managed with stewardship in mind since the owners completed the Living On the Land course offered by the Small Acreage Program. The course is sponsored annually by Washington State University Clark County Extension and Environmental Services Clean Water Program.

See and discuss the farm's fencing, footing, manure storage, composting, alpaca care, barn design, pasture management, draining and more. You don't need to own alpacas to attend.

The tour is 9:30-11:30 a.m., Saturday, Nov. 2.

Registration is free, but space is limited. To register, please go to www.brownpapertickets.com/event/484266 or call (360) 397-6060 ext. 0.



Appendix G: Landowner Recognition

Landowner Recognition Article

Camas Washougal Post Record
March 5, 2013

Camas property recognized by WSU Clark County for stewardship

Bob and Aggie Blackmer's land is certified organic

A Camas couple's property became the latest in Clark County to be recognized by WSU Extension's Small Acreage Model Property Program.

Land owned by Bob and Aggie Blackmer has joined 37 other model properties across Clark County that have been recognized for

implementing management practices that protect water quality and natural resources.

The Blackmers' 5 acre property has been certified organic since 1999 and best management practices have been put in place to manage storm water runoff, encourage pollinators, control weeds, and maintain healthy riparian habitat.

The Blackmers plan to further develop their prop-

erty as a permaculture demonstration site and someday offer educational programs there.

"It's great to see and be able to recognize landowners who take stewardship seriously to improve their own property and protect Clark County's natural resources," said Small Acreage Program Coordinator Eric Lambert.

The Blackmers were awarded a sign from the Small Acreage Program

that reads "Doing Our Part for Clean Water," which they display at the entrance of their property.

Landowners interested in receiving a sign and becoming a model property should contact Lambert at eric.lambert@clark.wa.gov.

The Small Acreage Program is co-sponsored by Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program.

Appendix H: Agricultural Entrepreneurship and Business Planning

PUBLICITY & PROMOTION

PRESS RELEASE

PAID ADS

FLYER

OTHER PUBLICITY

Press Release

For Immediate Release

January 4, 2013

Contact: Eric Lambert
WSU Clark County Extension
Tel: 360-397-6060 ext. 5729
Fax: 360-759-6524
E-mail: eric.lambert@clark.wa.gov

Business Planning Course for Farmers Offered by WSU Clark County Extension

Wednesdays, January 16 through March 20, 2013

6:00 PM to 9:00 PM

Vancouver, WA

Vancouver, WA – Thinking of starting a small farm or agriculturally related business? Do you have an idea to expand your current farm business? Get started the right way by signing up now for WSU Clark County Extension’s 10 week course – ***Agricultural Entrepreneurship and Business Planning***.

The course will help new and existing farmers gain skills in business planning and direct marketing. In addition, the course will have a special emphasis on the financial and legal issues unique to agricultural-based businesses. Guest speakers include accountants, attorneys, local agricultural professionals, and local farm business owners who can provide a model for sustainable agricultural in their farming and marketing practices.

“Local farmers looking to expand or start their business will benefit from the great speakers we have lined up and from the opportunity to create a viable business plan during this class series,” says Eric Lambert, Small Acreage Program Coordinator. “A business plan is a valuable tool for farmers to be successful and sustainable,” says Doug Stienbarger, WSU Clark County Extension Director.

Registration is \$75 per farm or family and class size is limited to the first 30 participants. This class series always fills up fast, so please call Eric Lambert at 360-397-6060 ext. 5729 to register for this terrific learning opportunity right away. ***Deadline for registration is January 14th.***

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 two weeks prior to the event.

Sample Paid Ads

THE REFLECTOR
DECEMBER 12, 2012

THE CAMAS-WASHOUGAL POST RECORD
December 11, 2013

Business Planning for Small Farms

January 16 - March 20 2013
Wednesdays 6:00 - 9:00 pm
Hazel Dell Area in Vancouver

REGISTRATION IS \$75 PER FARM OR FAMILY
CLASS SIZE IS LIMITED AND FILLS QUICKLY
Full and partial scholarships available on a limited basis.
Call **WSU Clark County Extension** at 360-397-6060 ext. 5729
to register, for directions, or more information.

WSU Extension programs are available to all without discrimination.
Persons requiring special accommodations should call WSU Clark County Extension at
(360) 397-6060 ext. 0 prior at least two weeks prior to the event.

Topics Include:

- Business planning and development
- Direct marketing
- Record keeping and budgeting
- Diversifying small farm businesses
- Legal issues, regulations and insurance
- Market analysis and consumer trends

Presented By:

The Small Acreage Program
WSU Clark County Extension

Flyer

Business Planning for *Small Farms*

January 16th - March 20th

Wednesdays

6:00 PM to 9:00 PM

Hazel Dell Area in Vancouver



Presented by:

Small Acreage Program

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



Learn:

- **Business planning**
- **Direct marketing**
- **Record keeping**
- **Risk management**
- **Legal issues and much more**

Hear from experts and get assistance on all aspects of farm business planning! And finish the class with a complete business plan to guide the direction and future of your farm business.

Registration is \$75 per farm or family and class size is limited.

Full and partial scholarships available on a limited basis.

To register, contact Eric at 360-397-6060 ext. 5729 or eric.lambert@clark.wa.gov

WSU Extension programs are available to all without discrimination.

Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 at least two weeks prior to the event.

Other Publicity

The Reflector
December 12, 2013

Ten week course for farmers offered by WSU Clark County Extension

Area residents who are thinking of starting a small farm or agriculturally related business or those who have an idea to expand their current farm business can get started the right way by signing up now for WSU Clark County Extension's 10 week course – Agricultural Entrepreneurship and Business Planning.

The course is designed to help new and existing farmers gain skills in business planning and direct marketing. In addition, the course will have a special emphasis on the financial and legal issues unique to agricultural-based businesses.

Guest speakers include accountants, attorneys, local agricultural professionals, and local farm business owners who can provide a model for sustainable agricultural in their farming and marketing practices.

"Local farmers looking to expand or start their business will benefit from the great speakers we have lined up and from the opportunity to create a viable business plan during this class series," says Eric Lambert, Small Acreage Program Coordinator.

"A business plan is a valuable tool for farmers to be successful and sustainable," says Doug Stienbarger, WSU Clark County Extension Director.

Registration is \$75 per farm or family and class size is limited to the first 30 participants. This class series always fills up fast, so call Eric Lambert at (360) 397-6060 ext. 5729 to register for this learning opportunity right away.

Deadline for registration is January 14th.

WSU Extension programs and employment are avail-



AREA RESIDENTS who are thinking of starting a small farm or agriculturally related business or those who have an idea to expand their current farm business can get started the right way by signing up now for WSU Clark County Extension's 10 week course – Agricultural Entrepreneurship and Business Planning.

able to all without discrimination. Persons requiring special accommodations should call

WSU Extension Clark County at (360) 397-6060 ext. 0 two weeks prior to the event.

Other Publicity

Camas Washougal Post Record
December 25, 2013

Course offers help to agricultural business owners

Focus will be on creating a business plan

Thinking of starting a small farm or agriculturally related business? Do

you have an idea to expand your current farm business?

Get started by signing up for Washington State University Clark County Extension's 10 week course "Agricultural Entrepre-

neurship and Business Planning."

"A business plan is a valuable tool for farmers to be successful and sustainable," said Doug Stienbarger, Extension director.

The course will help new and existing farmers gain skills in business planning and direct marketing. In addition, the course will have a special emphasis on the financial and legal issues unique to agricultural-based businesses.

Guest speakers include accountants, attorneys, local agricultural professionals, and local farm business owners who can provide a model for sustainable agriculture in their farming and marketing practices.

"Local farmers looking to expand or start their business will benefit from the great speakers we have lined up and from the opportunity to create a viable business plan during this class series," said Eric Lambert, Small Acreage Program coordinator.

Registration is \$75 per farm or family. Class size is limited to 30.

To register, contact Lambert at 397-6060, Ext. 5729. Deadline is Jan. 14.

Appendix I: Small Farms Workshops

SAMPLE PRESS RELEASE

WORKSHOP FLYER

SAMPLE PAID AD

OTHER PUBLICITY

SAMPLE PRESS RELEASE

For Immediate Release

October 30, 2013

Contact: Eric Lambert
WSU Clark County Extension
Tel: 360-397-6060 ext. 5729
E-mail: eric.lambert@clark.wa.gov

WSU Extension Workshop Aims to Build Farmer's Success at Local Markets

Thursday, November 21, 2013

5:30 PM to 9:00 PM

Clark County Public Works Ops Center
4700 NE 78th Street, Building B1
Vancouver, WA

Vancouver, WA – With the rise in popularity of farmers markets in Clark County, more and more farmers are using the venue as a way to start and grow their businesses. But as popularity grows, so does competition at markets, making it all the more important to have top quality produce, a booth that displays it effectively, and the persona to engage customers. Join the WSU Clark County Extension Small Acreage Program for Field to Market: *Harvesting, Presenting, and Selling*; a workshop geared toward small farms who sell at farmer's markets or farm stands. The workshop will cover best post-harvest practices to ensure safety and freshness, booth presentation tips, promotional strategies, building a farm's identity, and engaging customers. Participants will also have the chance to meet other producers, share ideas and ask questions to a panel of experienced farmer's market managers and marketing specialists.

The Small Acreage Program, co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program will provide handouts and information with specialists on hand from OSU Extension and local farmers markets to answer participants' questions.

Eric Lambert, Small Acreage Program Coordinator says, "Farmers markets are a great place for small producers to build a reputation, grow a customer base, and develop other marketing avenues. This workshop will teach some of the secrets to success at farmers markets so that producers can continue to grow."

Registration is \$15 but class size is limited, so pre-registration is highly recommended. Please register at www.brownpapertickets.com/event/497887 or call 360-397-6060 ext. 0 for more information.

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060 ext. 0 prior to the event. WORKSHOP

FLYER

Field to Market: Harvesting, Displaying & Selling

Harvest for optimal freshness, display to attract customers and sell your produce at farmers markets!



This workshop will cover:

- ◇ Best harvesting practices for preserving freshness & safety.
- ◇ Ideas for creating displays that attract customers and build your identity.
- ◇ Do's & Don'ts at your farmers market booth.
- ◇ Engaging customers and building relationships.



Thursday, November 21

5:30 to 9:00 pm

Clark County Public Works Ops Center

4700 NE 78th Street, Building B1

Vancouver, WA

Cost: \$15

Class size limited. Register and find more details at:

www.brownpapertickets.com/event/497887

Sponsored by the Small Acreage Program

A collaboration of WSU Clark County Extension and the Clark County Clean Water Program.



Environmental Services
Clean Water Program

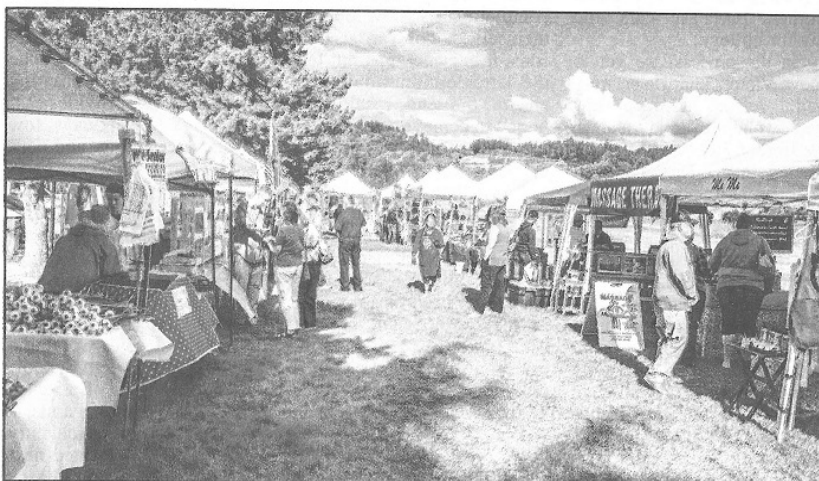
WSU Extension programs are available to all without discrimination. Call 360-397-6060 ext. 0 for special accommodations.

OTHER PUBLICITY

The Reflector
November 13, 2013

WSU workshop aims to build farmer's success

With the rise in popularity of farmers markets in Clark County, more and more farmers are using the venue as a way to start and grow their businesses. But as popularity grows, so does competition at markets, making it all the more important to have top quality pro-



THE WSU CLARK COUNTY Extension Small Acreage Program will hold a workshop geared toward small farms who sell at area farmers markets or farm stands.

duce, a booth that displays it effectively, and the persona to engage customers.

Interested area residents are invited to join the WSU Clark County Extension Small Acreage Program for Field to Market: Harvesting, Presenting, and Selling; a workshop geared toward small farms who sell at farmers markets or farm stands.

The workshop will cover best post-harvest practices to ensure safety and freshness, booth presentation tips, pro-

duction strategies, building a farm's identity, and engaging customers. Participants will also have the chance to meet other producers, share ideas and ask questions to a panel of experienced farmer's market managers and marketing specialists.

The event will be held Thurs., Nov. 21, 5:30-9 p.m. at the Clark County Public Works Ops Center, 4700 NE 78th Street, Building B1, in Vancouver.

The Small Acreage Program, co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program will provide handouts and information with specialists on hand from OSU Extension and local farmers markets to answer participants' questions.

Eric Lambert, Small Acreage Program Coordinator said, "Farmers markets are a great place for small producers to build a reputation, grow a customer base, and develop other marketing avenues. This workshop will teach some of the secrets to success at farmers markets so that producers can continue to grow."

Registration is \$15 but class size is limited, so pre-registration is highly recommended. Register at www.brownpapertickets.com/event/497887 or call (360) 397-6060, Ext. 0 for more information.

WSU Extension programs and employment are available to all without discrimination. Persons requiring special accommodations should call WSU Extension Clark County at (360) 397-6060, Ext. 0 prior to the event.

OTHER PUBLICITY

Camas Washougal Post Record
November 19, 2013

Class focuses on selling at farmers markets

Workshop will be held Nov. 21

"Field to Market: Harvesting, Presenting and Selling" will focus on educating small farm owners who sell at farmer's markets or farm stands.

The WSU Extension Workshop aims to build farmers' success at local markets.

The class will be held Thursday, Nov. 21, from 5:30 to 9 p.m., at the Clark County Public Works Op-

erations Center, 4700 N.E. 78th St., Building B1, in Vancouver.

"Farmers markets are a great place for small producers to build a reputation, grow a customer base and develop other marketing avenues," said Eric Lambert, Small Acreage Program coordinator. This workshop will teach some of the secrets to success at farmers markets so that producers can continue to grow.

The workshop will cover best post-harvest practices

to ensure safety and freshness, booth presentation tips, promotional strategies, building a farm's identity, and engaging customers. Participants will have the chance to meet other producers, share ideas, and ask questions to a panel of experienced farmers, market managers and marketing specialists.

Registration is \$15 per person. Class size is limited. Pre-register at www.brownpapertickets.com/event/497887 or call 397-6060, Ext. 0.

Appendix J: AmeriCorps

Outreach Materials

Other Publicity

OUTREACH MATERIALS

UPDATED TRIFOLD DISPLAY



Got Acreage?

The Small Acreage Program offers training, workshops and resources to help landowners improve their management practices, reduce chore time, save money, and increase property value.

Living on the Land – Stewardship for Small Acreages

- ~ 12 week course
- ~ Learn valuable tips and management practices that can improve your property and save time and money
- ~ Develop a property management plan to achieve your goals





Farm Tours

- ~ Visit local small acreage Model Properties
- ~ See best management practices in action
- ~ Exchange ideas with other landowners
- ~ Harvest Celebration Annual Farm Tour

Workshops

Learn practices to improve your property by attending workshops:

- ~ Well & Septic Maintenance
- ~ Manure Composting
- ~ Mud Management
- ~ Pasture Management
- ~ Small Farm Planning
- ~ And many other topics!





Environmental Services
Clean Water Program

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



Environmental Services
Clean Water Program

For more information about the Small Acreage Program, visit <http://clark.wsu.edu/> or call (360) 397-6060 ext. 5729.

Best Management Practices

Septics

Regularly maintained septic systems effectively treat sewage, last for decades and save money. New systems can cost \$10,000 or more.

- ~ Use less water and direct runoff away from your drainfield
- ~ Keep livestock, vehicles, and heavy equipment off your system
- ~ Inspect regularly and pump when necessary








Wells

Maintaining a safe, quality drinking water supply protects your family's health and your property.

- ~ Do not store chemicals or fertilizers near the well
- ~ Test your water every three to four years
- ~ Inspect your well casing every year for damage and repair immediately

Fencing

Grazing animals in or near streams destroys vegetation which provides critical fish and wildlife habitat. It also causes soil and manure to enter the stream.

- ~ Fence livestock to exclude or limit access to streams.
- ~ Provide off channel watering
- ~ Plant native plants in riparian areas
- ~ Remove weed species and replant with native plants






Environmental Services
Clean Water Program

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



Environmental Services
Clean Water Program

For more information about the Small Acreage Program, visit <http://clark.wsu.edu/> or call (360) 397-6060 ext. 5729.

OUTREACH MATERIALS


UPDATED TRIFOLD DISPLAY

Best Management Practices

Manure

Properly managing manure is essential to maintain water quality in streams and protect your well water.

- ~ Collect manure regularly and store or compost manure under cover
- ~ Store manure 100 feet from wells and surface water
- ~ Utilize grassy or vegetated strips around manure storage to filter runoff



Pastures

A healthy pasture keeps weeds and mud to a minimum, reducing feed costs, chore time and runoff.

- ~ Subdivide to create smaller pastures
- ~ Remove animals from a paddock once grass is grazed 3 to 4"
- ~ Keep animals off wet pastures to reduce compaction and divots



Mud

Mud harbors harmful bacteria and fungal organisms, enables insects to breed, makes unsafe footing, and increases erosion.

- ~ Keep animals in sacrifice areas during wet periods to concentrate negative impacts on pastures
- ~ Direct stormwater to vegetated low use areas where it can infiltrate
- ~ Utilize sand, gravel, or hogfuel to minimize mud in sacrifice areas



Runoff

Managing runoff keeps water clean, reduces mud and chore time, and creates a healthier environment, for you and your animals.

- ~ Install gutters and downspouts to divert runoff away from heavy use areas
- ~ Outlet roof runoff where it can infiltrate and will not cause erosion or be contaminated by manure or sediment





Clark County
Environmental Services
Clean Water Program



WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION

For more information about the Small Acreage Program, visit <http://clark.wsu.edu/> or call (360) 397-6060 ext. 5729.

RACK CARD DISPLAY



OTHER PUBLICITY

May 22, 2013 - The Reflector - Pa



Garden Time

Informative class for homeowners to be held about what to do with weeds

Devin Higgins
staff reporter

Summer brings hot days, shady trees, green lawns and the annual battle with weeds.

To help homeowners wage a successful campaign to clean up the yard, the Clark County Public Utilities District, the Small Acreage Program and Sound Native Plants are teaming up for a class called *What to do About Weeds*, Tues., June 11, from 6:30-8:30 p.m. at the Heritage Farm in Vancouver.

"This is a great opportunity to learn how to control weeds effectively to improve your property," said Noe Penney, AmeriCorps member with the

Small Acreage Program.

The class will cover everything from identifying various weeds, studying their life cycles and how to most effectively manage them to protect both the acreage and any animals which may co-habitate on it.

"The program is designed more towards people who have good acreage on their property and many of those same people have animals like livestock and horses on it," said Penney. "It's important to know how to get rid of some weeds like the Tansy Ragwort, which if eaten in a large enough quantity, can be harmful to those animals."

Both mechanical and chemical techniques to remove weeds will be discussed and explored, providing options for homeowners to use.

Registration for the class is free, but the number of spaces is limited. For more information and to register, go to www.brownpapertickets.com/event/380115, or call (360) 397-6060, ext. 5705.

The Heritage Farm is located at 1919 NE 78th St., in Vancouver. The workshop is organized by the Small Acreage Program, which is co-sponsored by the Washington State University Clark County Extension and Clark County Environmental Services Clean Water Program.



BLACKBERRIES MAY BE A TASTY TREAT but the plant they come from can be an

THE REFLECTOR
MAY 22, 2013
P. B1

THE REFLECTOR
FEBRUARY 20, 2013

Resources for Managing Your Land will be held Feb. 26

Posted: Wednesday, February 20, 2013 9:00 am

The Washington State University Clark County Extension and Clark County Clean Water Program Small Acreage Program will present a Resources for Managing Your Land workshop Tues., Feb. 26, 6:30-7:30 p.m., at the CASEE Center, Building B, Room 206, 11104 NE 149th St., Brush Prairie.

This workshop is free. Attendees will learn about organizations that can help them and their property and will also learn about the Small Acreage Program, the Clark Conservation District, Clark County Vegetation Management and more.

Class size is limited. For more information and to register, visit www.brownpapertickets.com/event/324208 or call (360) 397-6060, ext. 5705.

Appendix K: Evaluation Forms

LOL IMPACT SURVEY

LOL PRE-CLASS SURVEY

LOL INDIVIDUAL CLASS EVALUATION

LOL CLASS SERIES EVALUATION

WELL & SEPTIC WORKSHOP EVALUATION

BMP WORKSHOP EVALUATION

PROPERTY TOUR EVALUATION

LOL IMPACT SURVEY

Living on the Land (LOL) Participant Survey

We are glad you were able to participate in the 2012 Living on the Land class series. WSU Clark County Extension depends on people like you to provide feedback on our programs. All responses will be kept anonymous. Upon request, we will send you the results when completed. We greatly appreciate your help. Thank you!

First name _____ Last name _____

Please indicate the extent to which you agree or disagree with each statement below. (Please circle your responses.)

		Strongly Disagree	Some- what Disagree	Neither Agree or Disagree	Some- what Agree	Strongly Agree	Don't Know / Unsure
2.	The LOL course provided the level of information I needed	1	2	3	4	5	DK
3.	I would recommend this course to others	1	2	3	4	5	DK
4.	Based on what I learned in the LOL course, I now manage my property differently.....	1	2	3	4	5	DK
5.	This course is a good use for part of the clean water fee I pay with my property taxes every year.....	1	2	3	4	5	DK
6.	The changes I made have improved my property	1	2	3	4	5	DK

As a result of the LOL classes, have you done any of the following (please circle response):

	Yes	No	Does Not Apply
7. Tested your soil?	1	2	NA
8. Inspected your septic tank?	1	2	NA
9. Tested your well water?	1	2	NA

10. Have you shared what you learned in this class with anyone else? Yes _____ No _____

If yes: 11. Who did you share this with? (such as family, friends, etc) _____

12. About how many people did you share information with? _____

Turn Over for Questions on Page 2

LOL Pre-Class Survey

Living on the Land – Stewardship for Small Acreages

September 3 through November 19, 2013

This brief survey helps us address your individual needs as small acreage landowners and tailor/adapt the program to your interests. *All information collected on this form will be used only for this course to help you look at your management techniques.*

Name(s): * _____

Mailing Address: _____

* _____

Phone Number: * _____

Email Address: * _____

* This information is only used by our office for contact purposes and to inform you of other relevant events.

How many acres do you own? _____ How long have you owned this land? _____

Your parcel number(s) and/or legal description from your property tax statement. The parcel number is also your account number and is usually a six digit number followed by three zeros. Include physical address if different from mailing address. (This will be used to generate maps of your property showing features such as soil types, topography etc. for your use during the course.)

What do you use your acreage for? (Check all that apply and list approximate size.)

Vegetable garden	<input type="checkbox"/> _____	Pasture	<input type="checkbox"/> _____
Orchard	<input type="checkbox"/> _____	Hay	<input type="checkbox"/> _____
Floral/landscape	<input type="checkbox"/> _____	Lawn	<input type="checkbox"/> _____
Forest	<input type="checkbox"/> _____	Other (please list)	<input type="checkbox"/> _____
Wildlife habitat	<input type="checkbox"/> _____	Other (please list)	<input type="checkbox"/> _____

Do you own livestock? ☐ YES ☐ NO If so, what type of livestock?

Type

Total number

Type

Total number

Do you irrigate pastures? ☐ YES ☐ NO

Do you have mud problems? ☐ YES ☐ NO

Do you have unusually wet pasture(s)? ☐ YES ☐ NO

Do you have a well on your property? ☐ YES ☐ NO

Do you have a septic system? ☐ YES ☐ NO ☐ UNCERTAIN

Do any rivers, streams, creeks, or irrigation ditches run through your property? ☐ YES ☐ NO

Are there roadside ditches through or adjacent to your property? ☐ YES ☐ NO

What are your reasons for attending this workshop series? (use other side if necessary)

How did you hear about this class? (Please circle all that apply) E-mail The Reflector The
Columbian The Oregonian Small Ac Program Event Camas-Washougal Post Record Other

LOL Individual Class Evaluation

Living On the Land

Class Evaluation – M1L1

Small Acreage Program
September 3rd, 2013

In order to help us evaluate this program, please answer the following questions

Please rate your knowledge of the following topic areas for both before and after you participated in the workshop. (Please circle your responses)		Poor	Fair	Average	Good	Excellent
Goal setting and taking a whole property view	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Considering neighbors when setting property goals	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Identifying assets on your property	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Identifying problems on your property	Before...	1	2	3	4	5
	After...	1	2	3	4	5
What overall score would you give this lesson?		1	2	3	4	5
Workshop evaluation						
Do you intend to use any of the information provided?		Yes		No		
Did you learn something new or how to do others differently?		Yes		No		

What was the most informative part of this lesson?

Are there part(s) we need to spend more or less time on?
More:

Less:

Which part was too technical or too easy and why?
Too technical:

Too easy:

What is one practice from this lesson you might implement within a year?

LOL Class Series Evaluation

Living on the Land – Stewardship for Small Acreages
Whole-Class Evaluation

Please rate the entire twelve week program.

- *Module 1: Inventorying Resources* - Doug Stienbarger and Scott Melville
- *Module 2: Your Living Soil* – Gordon French and Craig Cogger
- *Module 3: Water Quality, Wells & Septics, and Streams* – Cary Armstrong, Joe Laxson, Bridgette Bashaw, Jeff Whittler, and Ashley King
- *Module 5: Pasture & Weed Management* – Ron Hendrickson, Gene Pirelli, and Gary Fredricks
- *Module 6: Caring for your Animals: Animal Management and Wildlife* – Rachel Maggi and Blair Wolfley
- *Module 7: Business Opportunities* – Chip Bubl
- *Module 8: Stewardship and Tying It Altogether* – Denise Smee and Eric Lambert

Please circle your answer.

	Excellent			Poor		
What overall score would you give this program?	5	4	3	2	1	
Did the program series answer most of your questions?	YES		NO			
Did you learn useful information?	YES		NO			
	Quite a Lot		Some		Very Little	
How much will you use this information to change what you do on your land?	5	4	3	2	1	
	Too long		About Right		Too Short	
The program series was:	5	4	3	2	1	

Please explain why you rated any category below average:

What would you like to see added to the program (other or new topics)? Deleted?

Do you feel that having the worksheets in a separate workbook/management plan is a good idea?

Do you think it will be easier to reference in the future (as opposed to having it all in the binder)?

Would you recommend this program to neighbors or friends?

How have you changed the way you manage your property based on what you learned in this class?

What management practices will you change or implement within a year?

Did this program help you better understand the goals for your property and how you can meet those goals?

What are the first five words that occur to you to describe this program?

Was the time and day of the week convenient for you? Would something else work better (another weekday, Saturdays)? What about the time of year?

Did you submit a sample to a lab for analysis for any of the following?

	Yes	No	Plan to within the next year
Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Comments:

Thank you for your interest, your excellent questions, and your sense of humor!

Well & Septic Workshop Evaluation

**Well & Septic Workshop
Evaluation/Assessment Form**

September, 17 2013

Please rate your knowledge of the following topic areas for both before and after you participated in the workshop.

(Please circle your responses)

		<i>Poor</i>	<i>Fair</i>	<i>Average</i>	<i>Good</i>	<i>Excellent</i>
	Before...	1	2	3	4	5
Knowledge of well and septic maintenance	After...	1	2	3	4	5
	Before...	1	2	3	4	5
Keeping my drinking water healthy	After...	1	2	3	4	5
	Before...	1	2	3	4	5
Protecting my septic system	After...	1	2	3	4	5
	Before...	1	2	3	4	5
How to properly inspect my septic system	After...	1	2	3	4	5
	Before...	1	2	3	4	5
How my management practices impact clean water	After...	1	2	3	4	5

Program evaluation

Do you intend to use any of this information?	Yes	No
Was the septic inspection component sufficient?	Yes	No
Was this program understandable?	Yes	No
Did the program answer your questions?	Yes	No
Was this program worth your time to attend?	Yes	No
What did you like best about the program?		

In order to improve this program, are there part(s) we need to spend more or less time on? Topics to add or delete?

Do you have a well? *(circle one)* Yes No

Are you currently using it for your household water source? *(circle one)* Yes No

What was the main reason you attended this workshop? *(check one)* ____ Learn about septic maintenance and protection.

____ Learn about well maintenance and protection. ____ Learn about how management practices impact clean water.

____ Get the free coliform bacteria well test. ____ Get certified to inspect your own septic system

Workshop Evaluation

Conquering Mount Manure Workshop Evaluation

Small Acreage Program

March 23, 2013

In order to help us evaluate this program, please answer the following questions

Please rate your knowledge of the following topic areas for both before and after you participated in the workshop. (Please circle your responses)						
		Poor	Fair	Average	Good	Excellent
	Before...	1	2	3	4	5
General manure management						
	After...	1	2	3	4	5
	Before...	1	2	3	4	5
Composting manure properly						
	After...	1	2	3	4	5
	Before...	1	2	3	4	5
Different ways to utilize manure						
	After...	1	2	3	4	5
	Before...	1	2	3	4	5
How manure management practices impact water quality						
	After...	1	2	3	4	5
What overall score would you give this workshop?		1	2	3	4	5
Workshop evaluation						
Do you intend to use any of the information provided?				Yes	No	
Did you learn something new or how to do others differently?				Yes	No	

What was the most informative part of this workshop?

Are there part(s) we need to spend more or less time on?

What is one practice from this workshop you might implement within a year?

Are there other topics you would like to see offered as workshops in the future?

Property Tour Evaluation

WSU Clark County Extension – Small Acreage Program
Storytree Farm
July 30, 2013

In order to help us evaluate this program, please answer the following questions

Please rate your knowledge of the following topic areas for both before and after you participated in the tour.

<i>(Please circle your responses)</i>		<i>Poor</i>	<i>Fair</i>	<i>Average</i>	<i>Good</i>	<i>Excellent</i>
Knowledge of organic farming practices.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Knowledge of soil sampling.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Knowledge of providing pollinator habitat.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
How management practices impact water quality.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
What overall score would you give this tour?		1	2	3	4	5

Tour evaluation

Do you intend to use any of the information provided?	Yes	No
Did you learn something new or how to do others differently?	Yes	No

What was the most informative part of this tour?

Are there part(s) we need to spend more or less time on?

More:

Less:

What is one practice from this tour you might implement within a year?

Are there topics you would like to see offered at other workshops in the future?