

Small Acreage Landholder Outreach Program 2014 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 26 people in 2014.

The program attracted 47 participants to BMP workshops on drainage solutions, manure management, and pasture establishment and renovation. Four well and septic inspection certification and maintenance workshops attracted 138 participants in addition to four small acreage property tours for 91 participants.

Ten properties were evaluated in 2014 for their efforts to implement BMP's to protect water quality and two 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://ext100.wsu.edu/clark/calendar/>).

The program tracks website hits and document downloads monthly and compiles quarterly statistics (Table 1). This year, at least 2,150 visitors accessed the program's website. 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 compared to the slower fourth quarter.

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 8,822 downloads. The factsheet remained the top download even after analytic services changed. 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 5,937 and 5,238 times respectively. Since changing to Google Analytics in July, the second and third most popular factsheets were *Reduce Mud and Keep Water Clean: Sacrifice Areas*, which was downloaded forty-four times in the third and fourth quarter, and *Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives*, which was downloaded forty times in the second half of 2014.

Video views dropped slide in the second and third quarters before rebounding again in the fourth quarter. The most popular video continues to be *Manure Management*, which was viewed 924 times in 2014, over ten times more than the next highest, *Five Ways to Protect Riparian Areas* and *Five Quick Steps to Reduce Mud*.

Issues and Recommendations

The program subscribes to a new analytic data provider (Google Analytics) which uses different algorithms and definitions for usage statistics. This has resulted in a drastic drop of factsheet downloads from the old tracking software (Web Trends). Inconsistencies in the analytics reports have also been observed. While the Director is working with IT at WSU to solve these issues, there is no date when this might be examined.

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	4,534	4,221	47	20	8,822
What Can You Do On Your Land? Frequently Asked Questions	3,016	2,911	6	4	5,937
Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives	2,836	2,362	22	18	5,238
Save Time and Money - Properly Landscape Your Septic System	696	1,035	19	2	1,752
Reduce Mud and Keep Water Clean: Sacrifice Areas	605	606	23	21	1,255
Keeping Clean Water Clean & Reducing Mud - Improving Drainage	335	288	24	8	655
Protecting Drinking Water: Simple Tips for Well Maintenance	360	278	2	2	642
Constructing Ponds and Water Features - What Does It Take?	313	280	3	0	596
Water Quality Self-Assessment for Small Acreages	199	160	0	0	359
Certified Kitchens Fact sheet	195	119	0	0	314
What's Bugging You? Natural Insect Control for Small Acreages	141	166	0	1	308
Keeping Clean Water Clean & Reducing Mud: Managing Roof Runoff	153	151	2	0	306
Protecting Your Investment: Inspecting Your Septic System	143	162	1	0	306
Manure Management: Strategies for Collection, Storage & Disposal	162	107	1	4	274
Community Supported Agriculture Brochure	96	n/a	7	1	104
Do You Qualify For Reduced Property Taxes? Current Use Taxation	76	5	1	0	82
Small Acreage Landowner Services Directory	n/a	58	1	1	60
Information on Small Acreage Management - Resource List	58	n/a	0	0	58
Best Management Practices for Small Acreages	23	n/a	2	0	25
Tips On Land & Water Management for Small Acreages in SW WA	n/a	n/a	2	0	2
Simple Steps To Protect Your Surface and Well Water	n/a	n/a	0	0	0
Total Downloads	13941	12909	161	82	27093
Video Clips					
Manure Management	255	217	212	240	924
Reducing Mud on Small Acreages	26	8	11	12	57
Five Ways to Protect Riparian Areas	32	24	17	18	91
Livestock Exclusion and Off Channel Watering	16	9	4	5	34
Managing Manure	29	22	6	5	62
Five Quick Steps to Reduce Mud	31	20	7	33	91
Total Views	389	300	257	313	1,259
Website Visitors					
Small Acreage Web Page	728	576	572	274	2,150
BMP Video Web Page	n/a	n/a	19	15	34
Living on the Land Web Page	n/a	78	175	66	319
Total Visitors	728	654	766	355	2,503

Task 1b - Publications

Stewardship Article. The Coordinator submitted one article on stewardship entitled, *Extension Offers Five Management Practices*, which appeared in the Horse Corral section of The Reflector newspaper on November 5 (Appendix A). The article also promoted an upcoming tour at Vossenberg Farms.

Factsheet or online PowerPoint. The Coordinator did not complete a factsheet or online PowerPoint presentation.

Factsheet Updates. The Coordinator updated factsheets *What Can You Do On Your Land: FAQs, Constructing Ponds and Water Features, Current Use Taxation, and Small Acreage Landowners Resources Directory*. The Coordinator updated information, added hyperlinks, formatted factsheets to align with the latest layout and added a section answering a common question regarding the legality of rainwater harvesting. The Coordinator also added new businesses to the directory and removed outdated contacts.

Deliverables

An article on stewardship and BMPs was published in a local newspaper. The Program also updated four factsheets.

Issues and Recommendations

The Coordinator did not complete a new factsheet or online PowerPoint due to time constraints.

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 2013, including: Sean Hawes replacing Joe Laxson for septic class, Joe Ellingson replacing Bridgette Bashaw for the well class, Caroline Swansey replacing Craig Cogger for the managing soil class, and Doug Stienbarger replacing Blair Wolfley for the managing animals to avoid negative impacts class. Additions to the class include Zorah Oppenheimer from the Clark Conservation District who gave a talk on pollinators. Ashley King from Clark PUD did not present on LID this year.

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 Devel.
9/17	How Grass Grows & Pasture Renovation and Establishment	<i>Gene Pirelli</i> , Forage & Livestock Specialist, OSU Polk County Extension
9/24	Maintaining Your Septic System	<i>Sean Hawes</i> , Clark County Public Health
	Protecting Household Drinking Water	<i>Joe Ellingson</i> , Clark County Public Health
10/1	Getting Down and Dirty With Soil	<i>Gordon French</i> , LJC Feeds
10/8	Managing Soil to Keep it Productive	<i>Caroline Swansey</i> , Yacolt Mountain Farm
10/15	What to Do About Weeds?	<i>Ron Hendrickson</i> , Clark County Vegetation Mgmt.
10/22	Managing Grazing for Sustainable Pastures	<i>Gary Fredricks</i> , WSU Cowlitz County Extension
10/29	Managing Animals to Avoid Negative Impacts	<i>Doug Stienbarger</i> , WSU Clark County Extension
	Business Opportunities	<i>Chip Bubl</i> , OSU Extension
11/5	Watershed Pollution	<i>Cary Armstrong</i> , Clark County Environmental Services Clean Water Program
	My Place On a Stream	<i>Jeff Wittler</i> , Clark PUD
11/12	Living With Wildlife & Pollinators	<i>Rachel Maggi</i> , NRCS & Zorah Oppenheimer, CCD
	Resources & Opportunities	<i>Denise Smee</i> , Clark Conservation District
11/19	Focusing on Stewardship: Tying it Together / Graduation	<i>Eric Lambert</i> , WSU Clark County Extension

Publicity and Promotion. Participants learned about the class through several different sources: program events and email notification accounted for 63%, while the internet, including the WSU Clark County Extension website and the Small Acreage Facebook page, accounted for 18% (Table 3). The program also promoted the class through individual contacts, county programs, and other WSU lists (see announcements and flyers, Appendix B).

Table 3: How Participants Learned About the LOL Class Series

Source	No.	%
Small Acreage Events	8	36%
E-mail	6	27%
Internet (WSU Ext website, Facebook)	4	18%
Other (CCEHC Directory, word of mouth, other organizations)	2	9%
Reflector	2	9%
Friends, family, and neighbors	0	0%
Columbian	0	0%
Post Record	0	0%
Total	20	100%

Twenty-six participants from 17 households graduated from the 36 people enrolled; graduation required completing at least six classes. Graduates included 16 households who own property. One graduate does not yet have property, but intends to use the course as preparation for buying small acreage property in the near future. Over the course of 12 weeks (36 hours of instruction), four registrants withdrew citing travel complications and the course not fitting their goals, 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 management, stormwater control, and general knowledge about rural small acreage living. Seven of the 17 pre-surveys submitted by graduates indicated that the reason for attending had to do with learning about managing natural resources or stewardship.

Sixty-five percent of course graduates attended at least 75% of the class sessions and (Table 4), which is the second lowest percentage among previous classes; classes ranged from 63% to 85% of graduates attending at least 75% of the sessions (the average since 2003 is 74%). Eight percent attended every session which is below the 18% average since the course began.

Table 4: LOL Attendance

Classes Attended	# Graduates	As % of Graduates
12	2	8%
11	4	15%
10	7	27%
9	4	15%
8	4	15%
7	3	12%
6	2	8%
Total	26	100%

Profile of LOL Graduates. Classes were held at the Clark County 78th Street Public Works Ops Center in Vancouver. Overall, residents from the central and southern parts of Clark County represented the largest number of participants with fewer coming from east county (Table 5). All graduates reside in Clark County.

Table 5: Geographic Distribution of Graduates

Location	F03	S04	F04	S05	F05	F06	F07	F08	F09	F10	F11	F12	F13	F14	City Totals
North															
Amboy	0	3	4	5	1	3	3	1	2	0	1	1	1	0	25
La Center	6	7	4	5	3	6	5	1	0	3	3	5	1	3	52
Ridgefield	0	5	2	2	7	2	2	6	3	3	0	7	3	2	44
Yacolt	0	6	0	0	1	7	3	0	1	1	1	0	0	2	22
Woodland (Clark Co.)	0	0	2	2	1	2	2	3	0	0	0	0	0	0	12
Subtotal	6	21	12	14	13	20	15	11	6	7	5	13	5	7	155
Central															
Battle Ground	8	14	8	5	4	6	6	7	2	2	3	8	9	8	90
Brush Prairie	2	4	5	2	0	0	2	3	4	0	3	1	0	2	28
Subtotal	10	18	13	7	4	6	8	10	6	2	6	9	9	10	118
South															
Camas	1	0	0	1	4	1	1	1	4	2	2	0	1	0	18
Vancouver	4	3	2	3	3	2	2	4	5	5	3	4	6	8	54
Washougal	2	1	3	0	1	3	6	0	0	4	2	0	0	1	23
Subtotal	7	4	5	4	8	6	9	5	9	11	7	4	7	9	95
Out of County	0	0	4	2	2	1	0	5	2	5	1	2	6	0	30
Totals	23	43	34	27	27	33	32	31	23	25	19	28	27	26	398

Sixteen households managed a total of 107 acres averaging 6.7 acres per property, lower than the average since 2003 of 11.1 (Table 6). Average length of time residing on their land was 6.9 years, a half year lower than the average of 7.4 years. Eighty-one percent (13 out of 16) of the graduate properties were 10 acres or smaller, also a higher proportion than the 75% average since 2003. Eighty-eight

percent of graduate household properties (14 out of 16) have septic tanks on their property, while 69% of properties have potable water wells (11 out of 16).

Table 6: Graduate Property Characteristics**

	F03	S04	F04	S05	F05	F06	F07*	F08	F09	F10+	F11^	F12	F13	F14	Totals
# Graduates	23	43	34	27	27	33	32	31	23	25	19	28	27	26	398
# Properties	19	33	27	22	24	25	24	23	12	16	15	21	16	16	293
Ac Owned	Total Acreage	132	377	412	317	299	388	323	229	111	267	97	161	97	3319
	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	11.1
	Smallest	2.5	2.5	2.3	5	1	1	2	1.6	0.8	1	0.2	.1	.2	
	Largest	35	82	80.2	68	60	79	41	49	45	67	25	40	21	
	< = 5 ac	7	13	11	7	7	8	13	12	8	6	8	10	11	131
	>5 - 10	7	13	3	8	9	11	6	3	2	1	5	6	4	81
	>10 - 20	1	5	5	4	4	2	1	6	1	3	1	1	0	37
	> 20 ac	1	3	8	3	4	4	3	2	1	5	1	1	0	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	7.4
	Least	.1	0	0	0	.3	.1	0	0	.3	.3	.1	.1	0	
	Most	8.5	34	38	40	34	66	17	26	30	40	32	15	20	
Land with:	Septic System	14	31	25	21	23	24	22	22	10	10	12	18	15	261
	Well	11	27	25	17	21	23	20	16	9	11	8	16	10	225

** 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.

Eighty-one percent of the 2014 graduate households use land for lawn and 56% use land for vegetable production. These land uses typically constitute the most common land uses in all the class series (Table 7). The largest land uses by acreage are in pasture followed by forest.

Table 7: 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	F14		
Vegetable Production	12	26	23	13	17	17	16	17	9	11	12	13	12	9	206	71%
Orchard Production	7	20	17	10	10	13	15	14	5	10	10	10	11	5	156	54%
Landscape	12	20	15	10	11	12	9	14	2	4	8	4	6	6	132	45%
Wildlife	9	21	15	12	12	14	9	12	2	6	8	7	9	6	141	48%
Lawn	15	27	23	15	18	22	17	13	8	5	14	11	14	13	214	74%
Pasture	11	19	15	12	17	18	18	19	10	9	9	13	12	8	189	65%
Acres*	23	33	73	58	53	65	81	31	8	54	22	37	31	29	595	
Hay	2	6	8	6	2	3	1	5	2	3	1	1	2	1	43	15%
Acres*	2	39	18	23	5	12	n/a	52	5	8	2	N/A	11	18	195	
Forest	9	22	16	8	10	17	9	9	3	8	9	7	9	7	142	49%
Acres*	29	26	30	8	28	117	106	12	15	55	20	35	43	26	548	

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

Forty-seven percent of graduate households in the 2014 class keep livestock (Table 8), primarily consisting of poultry (chickens), goats, and horses. Since 2003, poultry, including ducks, chickens, geese, and wild fowl, comprise the most common type of animal owned, followed by cattle, goats and horses. 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 three years have owned alpacas. Since poultry manure contains high concentrations of nutrients relative to weight, it can pose an underappreciated danger to water quality. 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 at least 4,302 animals over the life of the program (not all participants provide data in the pre-class survey).

Table 8: Numbers of Livestock Owned*

Animal	F03	S04	F04	S05	F05	F06	F07+	F08	F09	F10	F11	F12	F13	F14	Total
Poultry	86	112	792	65	40	44	44	108	137	86	58	250	412	144	2,378
Rabbits	20	3	0	0	0	0	0	0	6	0	4	0	416	0	449
Cattle	3	90	23	68	9	43	0	15	0	24	0	8	20	0	303
Alpacas	0	7	90	19	41	0	28	12	81	0	11	0	0	0	289
Goats	3	28	4	0	2	73	21	12	48	16	11	3	19	19	259
Equine	27	28	25	8	53	18	15	21	14	7	23	7	0	12	258
Sheep	0	5	143	0	0	0	8	4	9	2	5	0	13	0	189
Swine	0	2	13	0	0	9	90	3	0	0	0	8	4	2	131
Llama	12	0	2	9	7	1	10	4	1	0	0	0	0	0	46
Donkey	0	0	2	4	4	2	2	1	0	4	0	0	0	0	19
Ostrich/ Emu	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
<i>Total</i>	<i>151</i>	<i>275</i>	<i>1,092</i>	<i>169</i>	<i>152</i>	<i>188</i>	<i>216</i>	<i>179</i>	<i>296</i>	<i>139</i>	<i>108</i>	<i>276</i>	<i>884</i>	<i>177</i>	<i>4,302</i>

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

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 42% of the classes ranking 4.5 or above (Table 9). The highest rated classes were Gary Fredricks presentation on grazing management and hay judging which received an average score of 4.7 and Gordon French's 'Getting Down and Dirty with Soil' presentation which received an average score of 4.6.

Table 9: LOL Evaluation Summary

Was the lesson:	Inventory 1	Inventory 2	Pastures	Wells & Septic	Soils 1	Soils 2	Weeds	Grazing	Animals Mgmt	Business	Watershed Pollution & Streams	Wildlife	Stewardship
Overall Score?	4.2	4.1	4.5	4.5	4.6	4.1	4.1	4.7	3.9	4.2	4.0	4.3	4.5
	Percent of respondents answering YES												
Intend to use info?	100%	100%	100%	100%	100%	100%	100%	100%	92%	92%	91%	100%	100%
N (NR)	17 (8)	13 (13)	17 (8)	13 (7)	22 (7)	18 (7)	16 (7)	7 (7)	12 (7)	13 (5)	11 (10)	13 (11)	15 (9)
Learn something new?	100%	100%	100%	100%	100%	100%	100%	100%	83%	100%	100%	100%	93%
N (NR)	17 (8)	13 (13)	17 (8)	13 (7)	21 (8)	18 (7)	15 (8)	7 (7)	12 (7)	13 (5)	11 (10)	13 (11)	15 (9)

Asked if they intend to use information provided, at least 92% responded yes for all 13 class topics. At least 83% of respondents indicated they learned something new in all classes, with 100% learning something new in 11 of the classes. The lowest percentage of respondents indicating they learned something new came in week 10 for the topics of watershed pollution and streams.

LOL Class Course Evaluations. Participants also evaluated the 12 week program as a whole (see evaluation forms, Appendix K). Respondents stated they learned useful information and the classes answered most of their questions (Table 10). Most also thought the course length was a little too long. Many indicated they would utilize the information learned to change practices on their land, such as covering manure, cross fence pastures and implement rotational grazing, create sacrifice areas, controlling weeds, and plant cover crops.

Table 10: Overall LOL Program Evaluation Summary

Evaluation Question	Average
What overall score would you give this program?	4.6
How much will you use this information to change your practices?	4.3
	% YES
Did the program series answer most of your questions?	100%
Did you learn useful information?	100%

Respondent comments indicate they felt much more knowledgeable about general land management practices and they appreciated the resources provided:

“[I’m] thinking more about [the] environmental impacts of all my actions now.”

“We have planted cover crops and utilized rotational grazing.”

“We are following weed management practices that were presented in that module.”

“[I’ll] look for land to purchase next year with a better understanding of what to look for. Things I used to think were nice are really bad. ie. Animals standing in their own water source (stream).”

Knowledge Increases. Participants were asked to rate their knowledge on four topics using a scale of one to five, from poor to excellent, before and after participating in the lesson. The difference in these rankings represents the knowledge increase experienced by respondents. Overall, at least 65% of respondents indicated increasing their knowledge on all session topics. Gene Pirelli’s presentation on *pasture establishment* produced some of the greatest knowledge increases with at least 53% of respondents gaining three or more levels of knowledge on all topics. Sessions *well & septic*, *soil 2*, and *grazing*, also produced strong knowledge increases with at least 93% of respondents increasing their knowledge by at least one level on all of the topics surveyed.

At least 50% of respondents increased their knowledge at least two levels on 29 of the 52 topics surveyed (Table 11). In the well and septic class, at least 61% of respondents increased their knowledge at least two levels on all septic related topics. Seventy-four percent of respondents increased their knowledge by two levels or more when asked about the Clean Water program, indicating most were unaware of how Clark County collects and uses funds to improve our waterways. In general, the classes on *Inventorying Resource* and *Business Opportunities* saw the smallest knowledge increase, but at least 62% of respondents still increased their knowledge.

Table 11: 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	35%	41%	24%	0%	0%	17 (8)
	Considering neighbors when setting property goals	29%	35%	35%	0%	0%	17 (8)
	Identifying assets on your property	29%	47%	24%	0%	0%	17 (8)
	Identifying problems on your property	29%	65%	0%	6%	0%	17 (8)
Inventory 2	How to use photo documentation to successfully track your progress and management plans	14%	29%	29%	21%	7%	14 (13)
	Identifying limitations when setting property goals	14%	57%	14%	7%	7%	14 (13)
	Clark Co codes affect what you can do on your land	8%	25%	25%	33%	8%	12 (15)
	Where to find answers about codes and permits	0%	14%	36%	36%	14%	14 (13)
Pastures	Methods for renovating/reseeding pastures	0%	0%	38%	56%	6%	19 (9)
	Common grass/legume species for W WA pastures	0%	14%	29%	50%	7%	14 (11)
	Pasture management practices during fall and winter	0%	13%	31%	38%	19%	16 (9)
	Grazing management that encourages healthy grass and maximizes available forage	6%	12%	29%	41%	12%	17 (8)
Wells & Septic	Knowledge of well and septic maintenance	0%	7%	43%	50%	0%	14 (7)
	How to keep my drinking water healthy	7%	29%	50%	14%	0%	14 (7)
	Protecting my septic system	7%	14%	14%	50%	14%	14 (7)
	How to properly inspect my septic system	0%	7%	21%	50%	21%	14 (7)
Soils 1	Understanding soil structure, type and texture	5%	50%	27%	18%	0%	22 (7)
	Causes of erosion and how to minimize them	27%	45%	18%	9%	0%	22 (7)
	How to improve soils by adding amendments	5%	45%	30%	20%	0%	20 (9)
	How to properly test your soils	12%	35%	29%	24%	0%	17 (12)
Soils 2	Understanding major nutrients needed by plants	6%	56%	28%	11%	0%	18 (7)
	How soil PH impacts nutrient management	0%	50%	33%	17%	0%	18 (7)
	Determining fertilizer needs	6%	29%	41%	18%	6%	17 (8)
	How to use manure for fertilizing safely	6%	47%	35%	12%	0%	17 (8)
Weeds	What to consider when creating a weed management plan	12%	41%	41%	6%	0%	17 (6)
	Plant life cycles of weeds	12%	41%	35%	12%	0%	17 (6)
	Methods used to control weeds	6%	47%	35%	12%	0%	17 (6)
	Identifying weeds in our area	12%	35%	41%	12%	0%	17 (6)
Grazing	Grazing management benefits and practices	0%	29%	71%	0%	0%	7 (7)
	Feed and forage needs of animals	0%	29%	71%	0%	0%	7 (7)
	Things to consider when evaluating hay	0%	0%	14%	86%	0%	7 (7)
	Rotational grazing strategies	0%	57%	29%	14%	0%	7 (7)
Managing Animals	Understanding impacts animals have on our watershed	36%	18%	45%	0%	0%	11 (8)
	Managing runoff	9%	64%	18%	0%	9%	11 (8)
	Best Management Practices that reduce mud	9%	55%	27%	9%	0%	11 (8)
	BMPs for managing manure	18%	27%	45%	0%	9%	11 (8)
Business	Evaluating resources for starting a business	31%	15%	38%	15%	0%	13 (5)
	Importance of goal setting & business planning	15%	38%	15%	31%	0%	13 (5)
	Resources available for small business entrepreneurs	38%	15%	31%	15%	0%	13 (5)
	What it takes to start a small business in agriculture	31%	23%	38%	8%	0%	13 (5)

Table 11 Continued

LOL Class	Knowledge Area	Before and After Class Knowledge Change (As percent of respondents)					
		Same	1	2	3	4	N (NR)*
Watershed Pollution & Streams	Why the Clean Water Program was formed & how it collects & uses funds to improve our waterways	0%	25%	33%	33%	8%	12 (9)
	Sources of non-point source pollution	17%	42%	25%	17%	0%	12 (9)
	Functions of riparian areas and wetlands	17%	17%	58%	0%	8%	12 (9)
	Restoration practices of riparian areas and wetlands	0%	42%	42%	8%	8%	12 (9)
Wildlife	How to create wildlife habitat	8%	25%	50%	17%	0%	12 (12)
	Ways to discourage unwanted wildlife	17%	42%	33%	0%	8%	12 (12)
	Native pollinators and their habitats	23%	31%	31%	15%	0%	13 (11)
	Resources available at the Clark Conservation District	0%	18%	45%	27%	9%	11 (13)
Stewardship	What stewardship and sustainability mean for small acreage residents	20%	33%	20%	27%	0%	15 (9)
	Applying knowledge of LOL modules in a whole-farm approach	7%	33%	33%	27%	0%	15 (9)
	Developing short term actions to achieve long term goals	7%	40%	27%	20%	7%	15 (9)
	How to monitor and assess your progress	7%	40%	27%	20%	7%	15 (9)

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

Deliverables

The program completed the *Living on the Land: Stewardship for Small Acreages* 12 week course and graduated 26 people.

Issues and Recommendations

The Coordinator plans to create a blog to post LOL curriculum resources per the suggestion of many participants in 2014.

Task 2b - Wells and Septic System Maintenance Workshops

The program held four *Well and Septic Inspection Certification, and Maintenance* workshops in 2014. The first workshop, held at East County Fire and Rescue in Camas on June 24, drew 26 participants (Table 12). The second workshop was held at the CASEE Center in Brush Prairie on July 31 attracted 54 participants. The third workshop (also part of the LOL class) at the Dollars Corner Fire and Rescue attracted 10 general public attendees with no promotion. The fourth workshop, which was not originally a deliverable on the scope of work, was held at the CASEE Center in Brush Prairie on November 6 attracted 48 participants.

Table 12: Wells & Septics Workshop Attendance & Schedule

Date	Location	Time	Attendance
June 24	East County Fire & Rescue - Camas	6:15 – 9 pm	26
July 31	CASEE Center – Brush Prairie	6:15 – 9 pm	54
September 24	Dollars Corner Fire & Rescue – Battle Ground	6 – 9 pm*	10
November 6	CASEE Center – Brush Prairie	6:15 – 9 pm	48
Total Attendance			138

* 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 content remained similar to the previous years' workshops (Table 13), the Clark County Public Health officials scrapped the live inspection demonstration in favor of a series of videos produced by Washington Department of Health. At the conclusion of the videos, participants took an exam. Those passing the exam become certified 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, Sean Hawes, Brigitte Bashaw and Joe Ellingson of Clark County Public Health co-presented the workshops. Joe Laxson covered septic section in the first two workshops which Sean Hawes, a new Public Health employee administering the septic O&M program, instructed the third workshop. Joe Ellingson provided well safety and maintenance instruction for the first and third workshops with Bridgette Bashaw present at the second workshop.

Table 13: Wells & Septics Workshop Agenda

Time	Topic
15 min	<i>Introduction</i> – How My Management Practices Impact Clean Water
10 min	<i>Septic O&M Overview</i> – Program goals / Reason for Program
40 min	<i>Septic System Inspection Videos</i> – Different types of septic systems / How septic systems work / Maintaining your septic system / Causes of septic failure / How to make simple inspection tools / How to measure scum and sludge
30 min	<i>Reporting / Q&A</i> - How to know when a system needs to be pumped / How to report your inspection to C.C. Public Health Components of a septic system / Homeowners O&M Exam
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>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). The July 31 workshop received good publicity in the Columbian which created a long waitlist for future workshops and prompted the organization of a forth workshop in response to the high demand.

Due to budget cuts, coliform bacteria tests for well water were not offered as an incentive for attending the workshops. However, with Public Health ramping up enforcement on inspections, attendance remained strong.

When asked, all workshop respondents intend to use the information they learned and said that the workshop was understandable (Table 14). All but one respondent felt the septic inspection component was sufficient, that the program answered their questions, and that the program was worth their time.

Table 14: Wells & Septic Workshop Evaluation Summary

	June 24	July 31	Sept 24	Nov 6
	% YES			
Do you intend to use any of this information?	100%	100%	100%	100%
Was the septic inspection component sufficient?	100%	100%	100%	97%
Was this program understandable?	100%	100%	100%	100%
Did the program answer your questions?	100%	100%	100%	97%
Was this program worth your time?	100%	100%	100%	97%
Participants (n)	26	54	10	48
Evaluations completed	24	42	8	33
Percent completed evaluations	92%	78%	80%	69%

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, 62% to 100% learned something about the five topics in each workshop (Table 15). Knowledge increase among respondents was fairly even across workshops on the topic of how to inspect a septic system with at least 95% of respondents increasing their knowledge one level or more and an overall average of 19% increasing their knowledge by four levels. The lowest increases in knowledge gain reported was about keeping drinking water healthy, where an average across all workshops showed 76% of respondents increasing their knowledge at least one level. Over the four workshops at least 83% of respondents also indicated at least some knowledge increase about management practices' impact on clean water, suggesting that this workshop brings in people who are unfamiliar with non-point source pollution.

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 24	Knowledge of well & septic maintenance	5%	5%	57%	29%	5%	21 (5)
	Keeping my drinking water healthy	10%	55%	30%	5%	0%	20 (6)
	Protecting my septic system	5%	14%	43%	24%	14%	21 (5)
	How to properly inspect my septic system	5%	5%	14%	43%	33%	21 (5)
	How my management practices impact clean water	10%	24%	33%	29%	5%	21 (5)
July 31	Knowledge of well & septic maintenance	12%	27%	51%	7%	2%	41 (13)
	Keeping my drinking water healthy	24%	30%	36%	9%	0%	33 (21)
	Protecting my septic system	17%	24%	46%	10%	2%	41 (13)
	How to properly inspect my septic system	5%	24%	29%	17%	24%	41 (13)
	How my management practices impact clean water	20%	30%	30%	15%	5%	40 (14)
Sept 24	Knowledge of well & septic maintenance	0%	13%	63%	13%	13%	8 (2)
	Keeping my drinking water healthy	38%	0%	38%	25%	0%	8 (2)
	Protecting my septic system	13%	13%	50%	25%	0%	8 (2)
	How to properly inspect my septic system	0%	0%	13%	63%	25%	8 (2)
	How my management practices impact clean water	13%	13%	38%	13%	25%	8 (2)
Nov 6	Knowledge of well & septic maintenance	3%	31%	50%	13%	3%	32 (16)
	Keeping my drinking water healthy	35%	41%	24%	0%	0%	17 (31)
	Protecting my septic system	16%	35%	39%	10%	0%	31 (17)
	How to properly inspect my septic system	6%	6%	50%	38%	0%	32 (16)
	How my management practices impact clean water	18%	39%	36%	3%	3%	33 (15)
Average	Knowledge of well & septic maintenance	7%	23%	53%	14%	4%	102 (36)
	Keeping my drinking water healthy	24%	36%	32%	8%	0%	78 (60)
	Protecting my septic system	14%	25%	44%	14%	4%	101 (37)
	How to properly inspect my septic system	5%	13%	31%	32%	19%	102 (36)
	How my management practices impact clean water	17%	30%	33%	14%	6%	102 (36)

*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 was a] good overview of topics that it is geared to the nontechnical homeowner.”

“Video excellent, well presented basic info, that will definitely help us.”

“Good videos easy to understand graphics, very well versed presenters!”

Deliverables

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

Issues and Recommendations

The change from a live inspection demonstration to a video presentation was well received and provided a great resource to add to a follow up email for homeowners to refer to in the future. 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 three workshops in 2014, which attracted 47 participants. The first workshop on May 28, *Drainage Solutions for Small Acreages*, attracted 21 participants and addressed managing runoff and BMPs for improving drainage. Grant Johnson, owner of Grant Johnson Drainage Company, gave the presentation which was held at the 78th Street Heritage Farm.

The second workshop on June 25, *Manure Composting & Management: Conquering Mount Manure* attracted 14 people and covered composting techniques, manure management strategies and how manure can impact clean water. Doug Stienbarger, WSU Clark County Extension Director, presented on the topic at the 78th Street Heritage Farm.

In order to ensure sufficient attendance, the Coordinator opened up the September 17 *LOL Pasture Establishment and Renovation* session to the public. The workshop drew 12 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 from the manure management and pastures workshops indicated they intend to use the information provided and said they learned something new or how to do something differently (Table 16). All but one participant reported intent to use the information provided in the drainage workshop and all but two said they learned something new.

Table 16: Evaluation Summary for BMP Workshops

Question	Drainage	Manure	Pastures	Average
What overall score would you give this event?	3.8	4.2	4.0	4.0
	% YES			Total
Intend to use any of the info provided?	15 (93%)	12 (100%)	8 (100%)	35
Learn something new or how to do others differently?	14 (86%)	12 (100%)	8 (100%)	34
Participants	21	14	12	47

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 *Drainage Solutions for Small Acreages* workshop, 87% of respondents increased their knowledge about selecting drainage solutions (Table 17). At least 32% of respondents indicated knowledge increases of two levels or more about all topics surveyed. Seventy-five percent of respondents increased their knowledge about how managing runoff impacts water quality.

Evaluations from the June 25 workshop on *Manure Composting & Management* indicate that at least 50% of respondents increased their knowledge two levels or more about composting systems and the composting process, two of the central themes of the workshop. Sixty-six percent of respondents gained at least some knowledge about how manure management practices impact clean water.

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) *
Drainage	Assessing a site for drainage solutions	19%	25%	50%	6%	0%	16 (5)
	Selecting a drainage solution(s) that fits the site, goals of the property and regulatory requirements	13%	31%	38%	19%	0%	16 (5)
	Installing drainage solutions	19%	44%	19%	13%	6%	16 (5)
	How managing runoff impacts water quality	25%	38%	25%	13%	0%	16 (5)
Manure	General Manure Management	17%	42%	17%	25%	0%	12 (2)
	Composting systems	8%	42%	33%	17%	0%	12 (2)
	Composting Process	8%	33%	50%	8%	0%	12 (2)
	Different ways to utilize manure	17%	58%	17%	8%	0%	12 (2)
	How manure management practices impact water quality	33%	50%	8%	8%	0%	12 (2)
Pasture	Methods for renovating/reseeding pastures	0%	13%	50%	38%	0%	8 (4)
	Pasture management practices for fall & winter	25%	50%	0%	25%	0%	8 (4)
	Common grass/legume species for Western WA	0%	50%	13%	13%	25%	8 (4)
	How pasture management practices impact water quality	43%	43%	14%	0%	0%	7 (5)

* N = number of responses; NR = no response

+ May not equal 100% due to rounding

All respondents for the September 17 pasture workshop learned something about methods for renovating and reseeding pastures, and common grass and legume species for Western Washington. Respondents reported the most knowledge gain about methods for renovating and reseeding pastures. Fifty-seven percent of respondents increased their knowledge about how pasture management practices impact water quality.

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.

Issues and Recommendations

None.

Task 2d – Best Management Practice Demonstration Site

During the Small Acreage Expo, Wilco partnered to build a hands-on electric fence demonstration site at the 78th Street Heritage Farm. The site displays a corner of high tensile electric fence commonly used to as pasture perimeter fencing to keep livestock confined. Portable electric tape fence can easily tie into the perimeter fence to promote rotational grazing with flexible configurations. Eventually, the Coordinator plans to add interpretive signage at the site.

Deliverables

The task was completed with the construction of a high tensile fence corner.

Issues and Recommendations

There are none at this time.

Task 2e - Outreach Events and Promotional Activities

Washington State Horse Expo. The Washington State Horse Expo was held at the Clark County Fairgrounds from February 14-16. 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 program added 19 emails to the listserv and made contacts with 131 landowners.

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 20 to 22 at the CASEE Center in Brush Prairie.

Small Acreage Exposition. The program hosted the ninth annual *Small Acreage Expo* at the 78th Street Heritage Farm on Saturday, April 5th and drew 99 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).

Speakers presented on 13 different topics with participants selecting from concurrent classes during each session (Table 18). The fence building demonstration spanned two sessions in the afternoon. Several sessions provided participants with hands-on opportunities 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.

Participants received check-in packets of handouts on small acreage property management, a schedule of Expo classes (Appendix E), information on upcoming events, and program promotional materials. Registration was free, but registrants could purchase lunch for \$10 from a local caterer. The Coordinator arranged for nine organizations and two businesses to set up informational displays or provide informational materials: Vegetation Management, 4-H, Clark Conservation District, Clark County Goat Association, Naturescaping SW Washington, Master Composters, Master Gardeners, Master Food Preservers, S&I Rentals, Drainage Masters, and the Small Acreage Program.

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	Joe Laxson, Clark County Public Health
		A3	Drainage Solutions	Seth Kenworthy, Drainage Masters
		A4	Are Weeds Ruling Your Paradise?	Ron Hendrickson, C.C. Vegetation Mngt.
Session B	10:30 to 11:45	B1	Goat Keeping 101	Candy Yarnell, Clark Count Goat Association
		B2	Working With Nature to Grow Fruit	John Saltveit, Home Orchard Society
		B3	Local Resources for Rural Living	Doug Fenwick, Clark Conservation District
	11:45 to 12:45		Open House, Greenhouse Tour, Lunch	
Session C	12:45 to 2:00	C1	Vermicomposting	Joan Veach, Master Composter & Recyclers
		C2	Saving the Honeybees	Charles Bennett, Clark County Beekeepers
		C4	Hands -On Fence Building Demo	Trevor Prothero, Wilco Farm Stores
Session D	2:15 to 3:30	D1	Raising Beef 101	Gary Fredricks, WSU Cowlitz County Extension
		D2	Pasture Repair for Better Grazing	Gene Pirelli, OSU Extension
		D3	NatureScaping to Attract Beneficial Wildlife	Meredith Hardin, NatureScaping of SW WA
		D4	Hands -On Fence Building Demo	Trevor Prothero, Wilco Farm Stores

Fifty-three participants submitted evaluations for the event as a whole, a return rate of 54% (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 4.7 on a scale of one to five, five being the highest. Of those participants that completed an event evaluation, 100% indicated they would recommend the program to others.

Table 19: Overall Event Program Evaluation

	Average	N (NR) *
What overall score would you give this event?	4.7	53 (46)
Answering yes:		
Did you learn something new as a result of the classes you attended?	100%	53 (46)
Did you learn information that will be useful to make improvements at home?	100%	53 (46)
Do you intend to use this information to change what you do?	100%	51 (48)
Would you recommend this event to neighbors or friends?	100%	49 (50)
Overall Average	100%	
Attendance	99	
Evaluations Completed	53	
Percent Returned Evaluations	54%	

*N = number of responses; NR = no response

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 knowledge increases of 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.

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	5%	37%	42%	11%	5%	19 (0)
	Utilizing soil tests to determine fertilizer and lime application rates	16%	32%	32%	16%	5%	19 (0)
	Applying lime for soil and pasture health	5%	11%	47%	21%	16%	19 (0)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		18 (1)
Septic Inspection Certification	The importance of inspecting your septic system	38%	13%	33%	13%	4%	24 (2)
	How to properly inspect your septic system	17%	13%	21%	25%	25%	24 (2)
	How often your septic system should be inspected	42%	17%	17%	4%	21%	24 (2)
	Will you use any of the information to change what you do at home?		Yes 88%		No 12%		26 (0)
Drainage Solutions for Small Acreages	How to manage runoff	11%	41%	22%	19%	7%	27 (4)
	Utilizing French drains and other methods to manage runoff	7%	30%	41%	15%	7%	27 (4)
	Basics of how to build and install a French drain	15%	26%	33%	15%	11%	27 (4)
	Will you use any of the information to change what you do at home?		Yes 96%		No 4%		27 (4)
Weed ID & Mgmt	Properly identifying problem weeds in Clark county	11%	33%	39%	17%	0%	18 (2)
	Properly utilizing pesticides to control weeds	18%	41%	29%	12%	0%	17 (3)
	Other methods of controlling weeds on your property	11%	33%	22%	28%	6%	18 (2)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		18 (2)
Goat Keeping Basics	Selecting Goat Breeds	5%	35%	25%	25%	10%	17 (5)
	Setting up your property for goats	5%	41%	32%	23%	0%	19 (3)
	Routine feeding, health care and chores	5%	24%	38%	24%	10%	18 (4)
	Will you use any of the information to change what you do at home?		Yes 79%		No 21%		19 (3)
Working with Nature to Grow Fruit	Considerations for planning a home orchard	6%	36%	31%	22%	6%	36 (7)
	Selecting fruit tree varieties	3%	44%	33%	14%	6%	36 (7)
	Fruit tree maintenance	23%	46%	20%	6%	6%	35 (8)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		36 (7)
Local Resources for Rural Living	Opportunities for cost share programs	31%	13%	38%	19%	0%	16 (7)
	Local technical assistance available for landowners	6%	25%	38%	19%	13%	16 (7)
	Organizations that assist landowners with conservation efforts	6%	31%	25%	31%	6%	16 (7)
	Will you use any of the information to change what you do at home?		Yes 92%		No 8%		13 (10)

* 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: Small Acreage Expo Participant Change in Knowledge Levels (cont'd)

Vermi-composting	Benefits of vermicomposting	8%	17%	42%	25%	0%	12 (5)
	What you need to set up a vermicompost system	0%	18%	18%	55%	9%	11 (6)
	Caring for worms & maintaining a vermicompost system	0%	9%	36%	36%	18%	11 (6)
	Will you use any of the information to change what you do at home?		Yes 83%		No 17%		12 (5)
Saving the Honeybees	What you can do to support local honeybees	0%	29%	43%	25%	4%	28 (10)
	What you need to get started as a beekeeper	4%	32%	25%	36%	4%	28 (10)
	Seasonal maintenance tips for keeping bees	7%	15%	37%	30%	11%	27 (11)
	Will you use any of the information to change what you do at home?		Yes 92%		No 8%		26 (12)
Hands-On Fence Building Demo	How to set a post	23%	15%	23%	38%	0%	13 (7)
	How to make a brace	8%	15%	31%	38%	8%	13 (7)
	How to string and tighten wires	15%	0%	38%	31%	15%	13 (7)
	Will you use any of the information to change what you do at home?		Yes 92%		No 8%		12 (8)
Raising Beef 101	Selecting the right breeds	0%	30%	50%	20%	0%	10 (4)
	Nutritional requirements	18%	0%	45%	36%	0%	11 (3)
	Space and housing requirements	9%	0%	45%	45%	0%	11 (3)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		9 (5)
Pasture Repair for Better Grazing	Management practices for healthy pastures	10%	20%	30%	10%	30%	10 (4)
	Renovating pastures	10%	10%	40%	20%	20%	10 (4)
	Grass varieties best suited for our region	10%	20%	40%	10%	20%	10 (4)
	Will you use any of the information to change what you do at home?		Yes 100%		No 0%		10 (4)
Nature-scaping to Attract Beneficial Wildlife	How to plan and design a backyard habitat	27%	40%	33%	0%	0%	15 (1)
	Choosing plants that attract beneficial wildlife	7%	53%	20%	20%	0%	15 (1)
	Beneficial wildlife you can expect to attract	20%	33%	33%	13%	0%	15 (1)
	Will you use any of the information to change what you do at home?		Yes 93%		No 7%		15 (1)

* 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.

Gordon French returned again this year to present about appropriate timing and quantities of applying fertilizers and limes to local pastures. Participants learned the most about applying lime for soil and pasture health with 84% of respondents indicating knowledge gains of two levels or more. Eighty-four percent increased knowledge at least one level about utilizing soil tests to determine fertilizer and lime application rates. All respondents said that they would use that information to change what they do at home. Gordon continues to provide a high quality presentation providing the information landowners require for to improve pasture health, an important factor in limiting weeds and creating a natural filtration system for runoff.

Joe Laxson, Clark County Public Health, presented on septic maintenance which also allowed those with gravity fed systems to get certified to inspect their own system; 71% of respondents increased their knowledge two levels or more about how to properly inspect a septic system. The session on

septic inspection certification provides an excellent opportunity to attract and introduce a broad range of small acreage landowners to the Small Acreage Program.

Seth Kenworthy of Drainage Masters, a local landscaping and drainage installation business provided an interactive Q & A presentation to attendees on how to utilize different types of drainage installations to manage roof runoff. The audience appreciated his casual and easy demeanor. Eighty-five percent or more of respondents increased their knowledge by at least one level on all topics. Ninety-six percent said they would use the information they learned to change what they do at home.

Ron Hendrickson of Clark County Vegetation Management talked about controlling noxious, toxic and invasive weeds. Fifty-four percent of respondents increased their knowledge two or more levels about controlling weeds without chemicals. All respondents reported that they would use the information learned to change what they do at home.

The Clark County Goat Association, led by Candy Yarnell, talked about goat keeping basics. Ninety-five percent of respondents gained at least some knowledge about all topics surveyed and 79% said they would use what they learned to change what they do at home.

John Saltveit of the Home Orchard Society gave the most popular talk of the Expo on working with nature to grow fruit with 43 participating. At least 50% of respondents reported increasing knowledge by two or more levels about planning a home orchard and selecting fruit tree varieties. All said they'd use the information they learned to change what they do at home.

Doug Fenwick, Clark Conservation District, spoke about local resources for rural living, including resources available through the Conservation District and NRCS. Sixty-nine percent of respondents indicated increasing their knowledge about local cost share programs, while 94% reported knowledge increases about local technical assistance available and organizations that assist landowners with conservation efforts.

Master Composter/Recycler Joan Veach presented on vermicomposting for 17 participants. At least 67% of respondents increased their knowledge by at least two levels for all three topics surveyed.

Charles Bennett, vice chair of the Washington State Beekeepers Association, presented about saving honeybees. With 38 participants, this was the second most popular class offered. All respondents increased their knowledge about what they can do to support local honeybees and 92% said they will use the information learned to change what they do at home.

Former fence installer and current Wilco Farm Stores employee, Trevor Prothero, gave a two session demonstration on fence building. At least 61% of respondents increased their knowledge by two or more levels. The Coordinator also spoke on how fences can be used to protect sensitive areas, improve pasture management, and keep animals safe, handing out a factsheet with more information on the subject.

Gary Fredricks, WSU Cowlitz County Extension, presented an introductory class on raising beef, covering production aspects as well as BMPs for managing cattle. Fourteen people attended and half increased their knowledge by two or more levels. All respondents said they will use what they learned to change what they do at home.

Gene Pirelli from OSU Extension gave a presentation on pasture management and grass identification that attracted 14 participants, nine of whom gained at least some knowledge for all three topics surveyed. All respondents said they will use what they learned to change what they did at home.

Meredith Hardin, Naturescaping of SW Washington, talked to 16 people about creating natural habitats to attract beneficial wildlife. At least 73% of respondents gained some knowledge about all topics presented. Ninety-three percent of respondents said they will use the information provided to change what they do at home.

Overall, evaluation return rates for all sessions improved from 60% last year to 83% in 2014 due to a concerted effort by the coordinator and volunteers to remind attendees to turn in completed surveys after each class. The Coordinator hired a part time employee to help set up and work the morning of the Expo. The Coordinator recruited more volunteers than in the previous years, which was a big help in making the event run smoothly.

Clark County Fair. The Coordinator conducted outreach to local groups at the Clark County Fair, including 4H, livestock associations, and Granges. The Coordinator was also able to secure a booth for the Small Acreage Program's static display which featured a miniature model farm property created by a former Watershed Steward volunteer in addition to program factsheets and other resources. Twenty-six people asked to be added to the program listserv.

Harvest Celebration. The 16th annual Clark County Harvest Celebration took place on Saturday September 20 from 10 am to 3 pm. The event showcased eleven farms, including two signage properties who earned "Doing Our Part for Clean Water" signs. New additions to this year's Harvest Celebration include Coyote Ridge Ranch, White Oak Alpacas and Velvet Acres Gardens. The absence of some farm events and the lack of volunteers to staff farms may have reduced attendance (Table 21). Some of the farms did not have volunteers for all or part of the day to count visitors so attendance numbers are likely under reported. Every farm displayed a poster highlighting its features and each of the two clean water signage farms displayed an additional poster highlighting the BMP's they have implemented on their properties.

Table 21: 2014 Harvest Celebration Attendance

Farm	Visitors
Coyote Ridge Ranch +	32
White Oak Alpacas	71
Northwest Organic Farm +	140
Yacolt Mt. Farm	44
Bi-Zi Farms +	21
Botany Bay Farm	47
Half Moon Farm	100
Garden Delights CSA & Herb Farm *	29
Velvet Acres Gardens	33
Conway Family Farm *	56
Linda's Dahlias	37
	610

** Farms with clean water signage; +Some farm's numbers were underreported due to volunteers leaving early or poor 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*, and the *Post Record* (Appendix E). The program also created a Google Map showing the participating farms and a description about them.

Veterinarian and Farrier Outreach. The Coordinator sent flyers about program flyers and announcements to local veterinarians throughout 2014. The Coordinator also made contacts with Ridgefield Equine Service and Equine Veterinary services who gave a talk on preventative horse care at the beginning of the first property tour at Moonstruck Meadows.

Other Outreach Promotion. The Coordinator also conducted outreach at some local events including a PACSA (Portland Area Community Supported Agriculture) farm tour and meeting on March 2, WSU's Small Farm Tour at Yacolt Mountain Farm on August 11, SW WA Llama Association Annual meeting on November 2 and the Master Gardener class on November 19.

Deliverables

All the deliverables were met.

Issues and Recommendations

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

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.

Recruiting suitable farms can be challenging since farmers cite lack of time, wanting to take a break from the tours, and questioning the direct benefit derived from the event.

Task 2f - Outreach Database

The Coordinator relied on outreach events to grow the outreach database in 2014. The Coordinator added 136 names and emails to the listserv in 2014. 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 91 participants. The tours provided a casual, peer-to-peer learning environment which promotes acceptance and understanding of information about BMP implementation. The Coordinator handed out copies of the Clean Water Self-Assessment guide to all tour participants to help guide the tour and provide more information on the various BMPs discussed on the tour. Participants were also encouraged to do the assessment on their own property.

The Coordinator promoted tours through flyers at program events, the listserv, other WSU program listservs, and press releases to local newspapers (Appendix F). The Coordinator implemented a fee for the first time and participants paid \$10 to attend a tour. The cost did not seem to decrease registration.

The first property tour took place in the second quarter and was hosted by Moonstruck Meadows in La Center on March 29, attracting 22 participants. The tour highlighted mud management, pasture management, sacrifice area design, and stormwater management. Ridgefield Equine Clinic veterinarian Anne Ray also gave a 30 minute presentation on preventative horse health care which tied into the importance of managing mud and manure.

The second tour, hosted by Cloud Nine Farm in Ridgefield on July 27, attracted 23 participants. Tour goers learned about manure composting, pasture management, septic maintenance, goat care and stormwater management.

The third property tour took place on September 27 at Garden Delights CSA and Herb Farm in Brush Prairie. The tour attracted 20 participants and highlighted rain gardens, pasture management, rotational grazing, stormwater management, organic soil building and manure management and composting.

The fourth tour on November 8 at Vossenberg Farms in Ridgefield attracted 26 participants. The tour covered manure management, bedding for animals, 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 that they intend to use the information provided (Table 22). Seventy of 91 participants returned evaluations in the four tours. Respondents' gave overall scores for each tour ranging from an average of 4.9 for the March 29 tour to 4.5 for the final three tours.

Table 22: Evaluation Summary for Small Acreage Tour

	Moonstruck Meadows	Cloud Nine	Garden Delights	Vossenberg	Average
What overall score would you give this tour?	4.9	4.5	4.5	4.5	
	% YES				Total
Do you intend to use any of this information?	17 (100%)	18 (100%)	15 (100%)	26 (100%)	
Did you learn something new or how to do other differently?	17 (100%)	18 (100%)	15 (100%)	26 (100%)	
Participants	22	23	20	26	

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 64% and 88% of respondents reported increasing knowledge about how management practices impact water quality.

At the Moonstruck Meadows tour, 94% of respondents showed at least a one level increase in knowledge about pasture management, while 41% of respondents indicated a knowledge increase of at least two levels on the topic of ways to manage runoff and control mud (Table 23).

Table 23: 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)*
March 29	Knowledge of pasture management	6%	59%	35%	0%	0%	17 (5)
	Knowledge of Manure Management	18%	53%	29%	0%	0%	17 (5)
	Ways to manage runoff and control mud	12%	47%	35%	6%	0%	17 (5)
	How management practices impact water quality	18%	53%	29%	0%	0%	17 (5)
July 27	Knowledge of pasture management	0%	59%	35%	0%	6%	17 (6)
	Knowledge of Manure Management	0%	25%	69%	6%	0%	16 (7)
	Ways to manage runoff and control mud	18%	18%	59%	6%	0%	17 (6)
	How management practices impact water quality	12%	41%	29%	12%	6%	17 (6)
Sept 27	Knowledge of pasture management	27%	20%	27%	13%	13%	15 (5)
	Knowledge of Manure Management	14%	29%	29%	21%	7%	14 (6)
	Ways to manage runoff and control mud	14%	29%	29%	14%	14%	14 (6)
	How management practices impact water quality	36%	21%	14%	21%	7%	14 (6)
Nov 8	Knowledge of pasture management	40%	35%	15%	5%	5%	20 (6)
	Knowledge of Manure Management	30%	35%	30%	0%	5%	20 (6)
	Ways to manage runoff and control mud	10%	60%	25%	5%	0%	20 (6)
	How management practices impact clean water	35%	45%	15%	5%	0%	20 (6)

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

All respondents at the Cloud Nine Farm tour indicated that they increased their knowledge about pasture and manure management on the tour. At least 41% of respondents reported an increase in knowledge of at least two levels for all four topics surveyed.

At the Garden Delights CSA tour at least 53% of respondents indicated knowledge increase of at least two levels about pasture and manure management and ways to manage runoff and control mud. While 36% of respondents reported no knowledge increase about how management practices impact water quality, the highest among any of the tours, 28% increased their knowledge by at least three levels suggesting more in-depth coverage of the topic.

At the Vossenbergs Farms tour at least 60% of respondents increased their knowledge one level or more on the tour topics surveyed. Thirty-five percent increased their knowledge two levels or more about manure management and 90% increased their knowledge by at least one level on ways to manage runoff and control mud.

Some comments from respondents include:

“[The most informative part of the tour was] manure management and [maintaining] grass length in the field.”

“[In the next year I plan to implement] manure management.”

“[The most informative part of the tour was the] manure composting and extensive drain system.”

“[In the next year I plan to implement] ways to manage runoff and control mud.”

Deliverables

Four tours were completed.

Issues and Recommendations

None at this time.

Task 3b - Landowner 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 ten site visits in 2014, two of which qualified for signage: a 6.2 acre horse farm in Brush Prairie, and a five acre certified organic farm in Ridgefield. Each landowner received signs and the program posted photos on the Small Acreage Facebook page congratulating them on their achievement.

The promotional video featuring model property owners discussing why stewardship is important was completed. The video was posted on the Small Acreage Program's YouTube site, Facebook and on the program website.

Deliverables

The program was able to award five out of the eight required properties with a sign. A video interviewing model property owners was completed.

Issues and Recommendations

The Coordinator was able to increase interest in the signage program, but time required for visits and assessment write ups was time consuming. In order to better reflect the amount of time spent on this project, the Director will change the metric to the number of properties assessed rather than on the number of properties awarded a sign.

The Coordinator completed the video project, but the time spent on the project was significantly underestimated.

Task 4 - Impact Evaluation and Project Reporting

Task 4a - 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 254 telephone and walk-in requests for information and assistance during the year, nearly twice as many as the previous year. Requests generally involve upcoming classes or workshops, small farm business ventures, septic systems, and soil testing. The Coordinator provides individuals relevant publications along with invitations to upcoming classes and workshops of interest.

Impact Reporting . (follow-up surveys on BMP workshops, well and septic workshops, and tours). The Coordinator sent out follow-up surveys to all BMP workshop (8), well and septic workshop (6), and small acreage tour (8) participants from 2012 to 2013.

Thirty-one out of 140 BMP workshop participants (22%) returned the survey. Nineteen of the respondents (61%) said they put in or started using a practice discussed at the workshop. Fencing and covering or composting manure were the two most commonly cited practices implemented.

Forty-seven out of 144 well and septic workshop participants (33%) returned the survey. Forty-two of the respondents (89%) indicated they put in or started using a practice discussed at the workshop. Overwhelmingly, inspecting their septic system was the most common practice resulting from the workshop, with reducing chemical usage coming in second.

Thirty-eight out of 139 tour participants (27%) returned a survey. Twenty-eight of the respondents (74%) said they put in or started using a practice discussed on the tour. Utilizing gutters and covering or composting manure were the top two practices respondents implemented.

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

Task 4b - Reporting

Deliverables

This 2014 annual report comprises the last report due.

Issues and Recommendations

None.

Task 5 – Small Farms Outreach

Task 5a - Agricultural Entrepreneurship

The program organized its seventh *Agricultural Entrepreneurship and Business Planning* class series since 2008. 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 various small business area specialists serve as guest speakers, bringing valuable practical experience to the class. The ten-week class series began January 15 and ended March 19.

The schedule closely matched the 2013 schedule, with a change in instructors for the market analysis topic, a new guest farmer presenting on marketing a diversified family farm and a new speaker presenting financial risk management (Table 24). The Coordinator also changed the topic *Financing the Family Farm* to *Financial Risk Management*, which still partly covered financing options from Northwest Farm Credit Services.

Table 24: Agricultural Entrepreneurship Course Schedule

Date	Topic	Instructor(s) & Guest Speakers
Jan 15	Introduction - Business Planning Basics <i>Vision, goals & mission statement</i>	Instructor: Eric Lambert, WSU Clark County Extension and
Jan 22	Product and Industry Description: <i>Research Methods; Business Structures</i>	Instructors: Marianne Bash, WSU Vancouver Library Matt Bisturis, Schwabe, Williamson and Wyatt
Jan 29	Market Analysis: <i>Market Trends & Conducting Analysis; Marketing a Diversified Family Farm</i>	Instructor: Colleen Donovan, WSU Small Farms Program Guest farmer: Matt Schwab, Inspiration Plantation
Feb 5	Marketing Options: <i>Farmers Markets; Direct Marketing a CSA</i>	Instructors: Jordan Boldt, Vancouver Farmers Guest farmer: Anne Lawrence, Storytree Farm
Feb 12	Marketing: <i>The 5 P's; Managing & Marketing the Small Family Farm</i>	Instructor: Erin Harwood, Clark College Guest Speaker: Lorrie Conway, Conway Family Farms
Feb 19	Management and Operations: <i>Taxes, Licenses & Payroll; Marketing Your Farm Know How</i>	Instructor: Barb Funk, Battle Ground Tax Services Guest famer: Jacqueline Freeman, Friendly Haven Rise Farm
Feb 26	Management and Operations: <i>Financial Risk Management; Direct Marketing to Retail, Restaurants & Institutions</i>	Instructors: Andrea Krahmer, Northwest Farm Credit Services Guest Farmers: Jason Karnezis, Red Truck Farm
Mar 5	Management and Operations: <i>Regulations Insurance</i>	Instructors: Roger Beekman & Ken Knittle, WSDA Food Safety Steve Kidder, Kidder-Bonstien Insurance Services
Mar 12	Financing: <i>Record Keeping & Basic Budgets</i>	Instructor: Lorrie Conway, Northwest Accounting
Mar 19	Graduation Celebration; Present finished business plans	Instructors: Students

Additionally, the cost increased \$25 to \$100 per farm or family and class materials (course syllabus, schedule, complete notebook materials and links to additional resources) were all moved online to a blogspot (<http://agentrepreneurship2014.blogspot.com/>). Before registering, the Coordinator spoke with participants about their intentions and what they hope to get out of the class in an effort to make sure the course and candidates were suitable and understood class expectations. Once accepted, candidates filled out a pre-survey using Survey Monkey and then received an email link to register on brownpapertickets.com. Lastly, participants received a CD with the course binder.

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-six people registered, 22 participants with 18 properties (two rent) met the graduation requirement of seven classes (Table 25), with 73% attending three-quarters of the classes or more. Six of the original registrants never attended a class while three withdrew due to family issues, time conflicts, and issues with work. The remaining six participants attended fewer classes than planned due to various constraints.

Table 25: Attendance

Classes Attended	# Participants	As % of Participants
10	4	15%
9	7	26%
8	5	19%
7	6	22%
6	1	4%
5	2	7%
4	0	0%
3	1	4%
2	2	7%
1	2	7%

Five (23%) graduates currently run small farm businesses on their property, including eggs, meat production, and blueberries. Half of the graduates came from south Clark County, five percent from north Clark County, and five percent came from central Clark County (Table 26). Forty percent of graduates came from other Washington and Oregon counties including Cowlitz, Lewis, Skamania, Wahkiakum, Hood River and Washington, the highest of any past class.

Table 26: Agricultural Entrepreneurship Geographic Distribution

Location		08	09	10	11	12	13	14	City Total	Area Total
North	Amboy				2				2	35
	La Center	4		1	2	1	2	1	11	
	Ridgefield	5	3		2	2	2		14	
	Woodland	1							1	
	Yacolt	3	1		3				7	
Central	Brush Prairie	1		3		2	3		9	25
	Battle Ground	1	7	2	3	1	1	1	16	
South	Camas	1	4	1		3	1		10	72
	Vancouver	6	3	11	9	9	2	7	47	
	Washougal	2	2	1	2	3	1	4	15	
Out of County	Woodland (Cowlitz)	2					4	1	7	7
	SW WA	1		1	7		3	6	18	18
	OR			2		5		2	9	9
Totals		27	20	22	30	26	19	22	166	166

Overall, participants completing evaluations rated classes well, with no average score below 4.0 on a scale of one to five, with five being highest (Table 27). Lorrie Conway's class on finances and record

keeping received the highest overall score with 4.9. Almost all respondents indicated they learned something new, and also plan to use the information.

Table 27: Agricultural Entrepreneurship Class Evaluations

Class Session	Ranking	N (NR)	Use any of this info? (% Yes)	N (NR)	Learn something new? (% Yes)	N (NR)
Business Planning Basics	4.2	17 (10)	100%	20 (7)	90%	20 (7)
Product & Industry Description	4.5	19 (8)	100%	20 (7)	100%	19 (8)
Market Analysis	4.4	14 (6)	100%	14 (6)	100%	14 (6)
Marketing Options	4.2	16 (6)	94%	16 (6)	100%	15 (7)
The 5 P's	4.4	17 (6)	100%	18 (5)	100%	18 (5)
Taxes and Payroll	4.0	10 (8)	100%	10 (8)	100%	9 (9)
Financial Risk Management	4.5	16 (7)	100%	17 (6)	100%	16 (7)
Regulations/Insurance	4.1	14 (6)	94%	16 (4)	100%	16 (4)
Finances & Record Keeping	4.9	8 (8)	100%	9 (7)	100%	9 (7)

Participant comments indicate they learned valuable information for planning their business:

“[The class] encompassed a lot of information in a way that was understandable.”

“The breadth of knowledge and professionals was great.”

“Informative, friendly, complete, comfortable, [and] diverse.”

“[I liked most] the blending of ‘specialists’ with people who are owners of businesses.”

For each topic, participants 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 evaluations.

At least 69% of respondents increased their knowledge by at least one level on all topics during the course (Table 28), indeed, at least half of all respondents increased their knowledge two or more levels on 30 out of 36 topics. Respondents seemed to have learned the most in the session on financial risk management where all respondents indicated an increase in knowledge about financial ratios for judging the health of a business and financing programs for beginnings farmers and at least 67% of respondents increased their knowledge three level or more on all topics. In the session on marketing options, 31% of respondents did not gain knowledge about building a customer base the highest of any topic surveyed. Compared to previous years, the percentage of respondents not indicating any knowledge increase is low.

Table 28: 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	12%	47%	18%	24%	0%	17 (10)
	How to develop your business' mission statement	18%	35%	24%	24%	0%	17 (10)
	Identifying & prioritizing your business goals	18%	47%	18%	18%	0%	17 (10)
	Whole farm planning	14%	36%	43%	7%	0%	14 (13)
Product & Industry Description	Resources for researching the industry of your business	5%	25%	45%	25%	0%	20 (7)
	Range of business organizational structures available	10%	20%	40%	20%	10%	20 (7)
	Benefits and drawbacks of various business structures	15%	15%	30%	30%	10%	20 (7)
	Determining the structure appropriate for your farm business	26%	16%	26%	26%	5%	19 (8)
Market Analysis	Identifying product/service attributes	21%	36%	29%	7%	7%	14 (6)
	Assessing consumer trends, target markets and competition	14%	36%	21%	21%	7%	14 (6)
	Strategies for maximizing your sales	14%	36%	21%	21%	7%	14 (6)
	How to use market research to develop a successful direct marketing plan	14%	36%	29%	14%	7%	14 (6)
Marketing Options	Finding alternative avenues for direct marketing	25%	19%	44%	0%	13%	16 (6)
	Advantages and disadvantages of direct marketing	19%	25%	38%	13%	6%	16 (6)
	Building a customer base	31%	25%	19%	19%	6%	16 (6)
	How to show the value of your farm product	25%	13%	44%	13%	6%	16 (6)
The 5 P's	Determining a pricing strategy for your product/services	17%	33%	33%	17%	0%	18 (5)
	Determining what type of packaging works best for your product/service	22%	22%	33%	22%	0%	18 (5)
	Different methods of promoting your product/service	29%	12%	35%	24%	0%	17 (6)
	Placement options for your product/service	28%	17%	33%	22%	0%	18 (5)
Taxes and Payroll	Registering your business with appropriate state and federal agencies	9%	27%	45%	18%	0%	11 (7)
	Taxes farm businesses are required to pay	9%	27%	55%	9%	0%	11 (7)
	Getting appropriate licenses for you farm business	27%	18%	45%	9%	0%	11 (7)
	Marketing and running farm education services	13%	25%	50%	13%	0%	8 (10)
Financial Risk Mngt.	Marketing to restaurants & institutions	11%	11%	50%	17%	11%	18 (5)
	The 5 C's of credit	6%	6%	67%	17%	6%	18 (5)
	Financial ratios for judging the health of your business	0%	18%	41%	29%	12%	17 (6)
	Programs for beginning farmers	0%	33%	22%	28%	17%	18 (5)
Regulations / Insurance	How to find regulations that apply to your specific farm business	12%	24%	35%	24%	6%	17 (3)
	Getting your farm to meet regulations	6%	24%	47%	24%	0%	17 (3)
	Insurance considerations for small farms	6%	25%	50%	19%	0%	16 (4)
	Insurance options for small farms	6%	25%	50%	13%	6%	16 (4)
Finances & Record keeping	Different accounting system options & advantages & disadvantages of each	11%	33%	22%	33%	0%	9 (7)
	Creating a basic budget	11%	33%	44%	11%	0%	9 (7)
	How to complete a breakeven or sensitivity analysis	14%	29%	29%	29%	0%	7 (9)
	How to get info together for your accountant	25%	25%	25%	25%	0%	16 (6)

Participants also rated the entire class series well, rating the series a 4.7 on a scale of one to five, five being highest (Table 29). Ninety-three percent of respondents also indicated the course series answered

most of their questions and all of them felt that it provided information useful for their farm business. Most respondents felt the series was just about right in length with some expressing that it was a little too long.

Table 29: Overall Agricultural Entrepreneurship Evaluation Summary

	Average	N(NR)
What overall score would you give this series?	4.7	14 (8)
How much will you use this information to help shape your agricultural business?	4.6	14 (8)
	% Yes	
Did this course answer most of your questions?	93%	14 (8)
Did you learn useful/helpful information?	100%	14 (8)

Deliverables

The Agricultural Entrepreneurship and Business Planning course graduated 22 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 5b - Small Farm Workshop

On March 15, the Coordinator and Director facilitated the *2014 Women in Agriculture Conference*. The event attracted 20 participants to learn about improving financial management in agricultural businesses with a focus on using SWOT analysis. Participants wrote down their take away messages and completed an action plan after each presentation. The Coordinator then led discussions about what the participants had gained from the conference and the actions they planned to implement as a result.

The program and the event's statewide organizers promoted the workshop through flyers at program events, the listserv, Facebook, and press releases (Appendix I).

The Coordinator was not able to organize a small farm marketing or sustainable small farming practices workshop due to time constraints.

Deliverables

The Women in Ag Conference was completed. The workshops on small farm marketing and sustainable small farming practices were not completed.

Issues and Recommendations

The Coordinator was not able to complete two of the small farm workshops due to time constraints.

Task 5c - Small Farm Tour

The Coordinator was not able to organize a small farm marketing or sustainable small farming practices workshop due to time constraints early in the year and lack of farmers willing to participate

later in the year. Some farms were contacted for a tour in the late fall, but farmers also expressed time constraints and family obligations as conflicts.

Deliverables

A small farm tour was not completed.

Issues and Recommendations

The Coordinator was not able to complete a small farm tour due to time constraints and inability to find a suitable farm willing to participate.

Task 6 - Impact Evaluation and Project Reporting

Workshops. The Coordinator conducts post-event evaluations for each workshop, tour, and class. Spouses and partners are encouraged to fill out separate evaluations. Registration and attendance is tracked and recorded, along with evaluation results and comments. Participant suggestions and comments are incorporated in planning for future events where appropriate.

LOL 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 in progress.

Response. As outlined in Table 30, 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%).

Analysis. The Director converted data into the statistics program (SPSS) and ran frequencies and descriptive statistics, including crosstabs to determine significant relationships between variables. Analysis is in progress and write-up will follow.

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.

Table 30: 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%

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

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.

Table 31: Summary Table for 2014

Program Elements			2014 Goals	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD	% 2014 Goals
Best Management Practices (Task 1)	Information Resources	Materials added to reference files	ongoing	1	1	1	1	4	
		Post links and resources to website	ongoing	1	1	1	1	4	
		Track web site hits		1	1	1	1	4	
		Track web site document downloads		1	1	1	1	4	
	Publications	Update Factsheets	1				1	1	100%
		Stewardship Article	1				1	1	100%
		Video clip, factsheet, or PowerPoint	1					0	0%
Public Outreach and Education (Task 2)	LOL Class Series	LOL series	1				1	1	100%
		Graduation	25				26	26	104%
	Well & Septic Workshops	Well & septic workshops	3		1	2	1	4	133%
		Attendance	30		26	64	48	138	460%
	BMP Workshops	BMP Workshops	3		2	1		3	100%
		Attendance	30		35	12		47	157%
	Outreach Events & Promotional Activities	Revise & maintain speaker's list	ongoing	1	1	1	1	4	
		Create BMP Demonstration Site	1		1			1	100%
		Small Acreage Exposition	1		1			1	100%
		Attendance	75		99			99	132%
		Washington State Horse Expo	1	1				1	100%
		Clark Conservation District Plant Sale	1	1				1	100%
		Clark County Fair	1			1		1	100%
		WSU Harvest Celebration	1			1		1	100%
		Veterinairian and Farrier Outreach	ongoing		1		1		
		Additional Events as identified				2	2	4	
Model Properties (Task 3)	Property Tours	Conduct tours	4	1		2	1	4	100%
		Attendance	60	22		43	26	91	152%
	Signage Recognition	Film and Post Model Property Video	1				1	1	100%
		Enroll new properties and install signs	6			1	1	2	33%
Impact Evaluation and Reporting (Task 4)	Evaluation	Workshop evaluations	12	2	3	5	3	13	108%
		Requests for assistance		48	64	103	39	254	
		Impact evaluation of past workshops	22				22	22	100%
	Reporting	Quarterly Reports	3	1	1	1		3	100%
		Annual Report	1				1	1	100%
Small Farms (Task 5)	Agricultural Entrepreneurship	10 week course	1	1				1	100%
		Graduation	15	22				22	147%
		Women in Ag Conference	1	1				1	100%
		Sustainable Farming Practices	1					0	0%
		Small Farm Marketing	1					0	0%
		Small Farm Tour	1					0	0%
		Attendance	30					0	0%
Impact Evaluation and Project Reporting (Task 6)	Evaluation	Workshop evaluations - small farms	2	1				1	50%
		Impact evaluation of graduates	1				1	1	100%
	Reporting	Quarterly Reports	3	1	1			2	67%
		Annual Report	1					0	0%

Appendix A: BMP Article

The Reflector
November 5, 2014 – p.C1

Extension offers five management practices



Photo courtesy of Washington State University Clark County Extension

HORSE OWNERS SHOULD confine horses in a heavy use area during the fall and winter months. Just as overgrazing diminishes pasture production, so to can compaction and divots created from large animals kept on wet soils.

Following tips will lead to a better spring

Fall is a critical time for horse owners to follow management practices that will impact property goals in subsequent years. Rains come, grass works hard to produce new roots and shoots, the soil softens, seasonal streams and wetlands return, and property owners are faced with the challenges winter brings.

Here are a few winter management tips from the Small Acreage Program at WSU Clark County Extension that will pay off next spring and years to come:

- Gutters, downspouts and drainage. While it may be getting late to install a French drain or dry well this year, it's never too late to put up gutters and downspout to direct runoff away from important areas. The main goal is to keep clean water clean and reduce mud around buildings.

Gutters and downspouts are the most cost effective step to resolving drainage issues. Run-off should be directed away from heavy use areas where it can pick up sediments in mud or nutrients from manure piles, or saturate septic drainfields.

Downspouts can be directed towards grassy swales, forested areas, a rain garden, or any area

of nutrition for horses but only they must be managed with care, especially during winter months. It's very important to keep at least a three inch grass height heading into winter.

Like all living things, grass needs rest. Fall and winter is the time when roots regenerate and new shoots emerge. Most of the plants energy is stored in the first three inches so leaving that will allow grass to snap back earlier in spring and produce more forage the following year.

Eric Lambert, Small Acreage Program Coordinator says, "Folks pasturing animals should think of themselves as grass farmers and the same level of care and management that goes into raising animals should be given to the grass that supports them."

- Confine horses in a heavy use area. Just as overgrazing diminishes pasture production, so to can compaction and divots created from large animals kept on wet soils. Hooves compact wet soils, thus reducing oxygen required for healthy grass growth.

Bare areas that develop will sprout opportunistic weeds the following year. Instead of pasturing horses all winter, confine them to a heavy use paddock, sometimes called a sacrifice area. By sacrificing one area, the rest

of the ground.

Be sure to pick up manure every day or two so pollutants don't runoff and the organic matter doesn't degrade footing materials.

- Cover manure piles. Properly managed manure provides a resource to fertilize and build soils. Composting manure is both an art and a science with lots of flexibility, but the most important aspect is to keep manure covered. Piles left uncovered decompose more slowly, pose health risks to nearby wells, breed pests and parasites, and allow valuable nutrients to runoff and pollute our waterways.

If the time or financial resources aren't available to build a covered structure, a large tarp works. Keep the pile as wet as a wrung out sponge and, if possible, turn the pile a couple times a week to aerate the pile and allow material on the outside to move to the center to cook.

- Keep horses out of waterways and wetlands. Not only are these areas especially susceptible to becoming a muddy mess and potential danger areas for horses, but they're also sensitive ecological features that can convey pollutants from manure or sediments.

Keeping animals off of these



Photo courtesy of Washington State University Clark County Extension

IT IS IMPORTANT DURING FALL AND WINTER months to keep horses out of waterways and wetlands. These areas especially susceptible to becoming a muddy mess and potential danger areas for horses.



Photo courtesy of Washington State University Clark County Extension

THE SMALL ACREAGE PROGRAM, co-sponsored by Washington State University Clark County Extension, will host a tour open to the public at Vossenberg Farm in Ridgefield on Sat., Nov. 8.

and stream flow maintenance.

(how about this as a shaded sidebar)

(header) Practices in action

On Sat., Nov. 8, the Small Acreage Program and Vossenberg Farm in Ridgefield will host a tour open to the public highlighting practices that reduce mud, control runoff, manage manure, and much more.

In 2005, the Small Acreage program recognized Vossenberg Farm for implementing stewardship practices to protect water quality and natural resources.

Tour participants will hear from competitive rider, trainer and farm manager, Anna Collier, on strategies she uses to manage Vossenberg Farm effectively and care for horses stabled there.

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.

Eric Lambert, Program Coordinator says, "This tour will be very interactive and a great chance for folks to learn how to improve their horsekeeping operation while protecting clean water and their animals."

The tour will take place from 9-11 a.m. on Sat., Nov. 8 at Vossenberg Farm, 6009 NW 289th St., Ridgefield.

Registration is \$10 and tour size is limited. To register and find

Appendix B: Living on the Land Class Series

PUBLICITY & PROMOTION

PRESS RELEASE

LOL FLYER

OTHER PUBLICITY

For Immediate Release

August 4, 2014

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 – Registration for WSU Clark County Extension’s Small Acreage Program’s twelve week class series, *Living On the Land – Stewardship for Small Acreages*, is now open. The course prepares participants with the knowledge necessary to develop a whole property management plan and is sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.

Living On the Land participants learn about important topics pertaining to soil, water, plants and animals that guide sound stewardship decisions for farm management. Topics are presented by local and regional experts and include pasture management, controlling weeds, wildlife, soil health, well & septic maintenance, and many more. Graduates of this training come away with helpful strategies for improving their property by taking a whole farm approach. In addition they create a workable property plan with goals 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. *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”

Wednesdays, September 3 to November 19, 2014 - 6:00 to 9:00 PM

Registration is \$35 per farm or family and class size is limited; deadline for registration is August 29. Please call or email Eric Lambert at 360-397-6060 ext. 5729 or eric.lambert@wsu.edu 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.

GOT ACREAGE?

Do you want to...

Enhance your soils
& pasture?

Reduce Mud?

Improve your
property aesthetics
& value?

Properly store &
compost manure?

Improve your
animals' health?

Learn to maintain &
inspect your septic
system?

Protect your
drinking water?

Control weeds?

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, Living On the Land is for you!



the Land *Stewardship for Small Acreages*

Fall 2014 classes meet Wednesday evenings
September 3 - November 19
6:00 - 9:00 p.m.

\$35 per household - PRE-REGISTRATION REQUIRED
CLASS SIZE LIMITED TO FIRST 30 PARTICIPANTS

Call (360) 397-6060 x 5729 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.

The Camas Washougal Post Record
August 12, 2014 – p. B5



CONTRIBUTED PHOTO

Conway Family Farms (pictured above) was established in Fern Prairie as an operating sustainable small-farm more than 20 years ago. It is owned by Shaun and Lorrie Conway. The WSU Clark County Extension will present "Living On the Land: Stewardship for Small Acreages," in September.

Registration open for Living on the Land series

Classes help participants improve properties

Registration for Washington State University Clark County Extension's Small Acreage Program's 12 week class series is now open.

The course, Living On the Land: Stewardship for Small Acreages, prepares participants to develop a property management plan.

Participants will learn strategies for improving their property and create a property plan with goals based on what they learned.

"There are many new

small acreage landowners in Clark County and a lot of folks who just want to improve their current property," said Eric Lambert, WSU Clark County Extension program coordinator. "We provide them with simple, practical ideas on how to best manage their property for themselves, their animals, and the environment."

Classes will be on Wednesdays, Sept. 3 to Nov. 19, from 6 to 9 p.m.

Registration is \$35 per farm or family and class size is limited.

The deadline for registration is Friday, Aug. 29.

For more information or to register, contact Lambert at eric.lambert@wsu.edu or 397-6060, Ext. 5729.

OTHER PUBLICITY

Clark County FYI
August 13, 2014 - p. 4
August 20, 2014 - p. 5

FYI Online

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- Back-to-school drive
- Living on the Land series

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- On this date in history

Back-to-school supplies pick up Aug. 25

Time is running out to put a donation for the Children's Sharing Project back-to-school drive in a box in the following spots:

- Center for Community Health, 1601 E. Fourth Plain Blvd.: first floor, crisis services; fourth floor, Department of Community Services
- Clark County Courthouse, 1200 Franklin St.: Inside the Clerk's Office
- Elections Department/Auto Licensing, 1400 Franklin St.
- Public Service Center, 1300 Franklin St.: Break rooms, floors 1, 3, 4 and 5; Public Information and Outreach, sixth floor



Pick up is Monday, Aug. 25. If you would like a special pickup or need a receipt, please contact Kris Henriksen at ext. 5199 or Harold Rains at ext. 7819.

GOT ACREAGE?

Do you want to...

Enhance your soils and pasture?

Reduce mud?

Improve property aesthetics and value?

Properly compost manure?

Improve your animals' health?

Maintain and inspect your septic system?

Protect your drinking water?

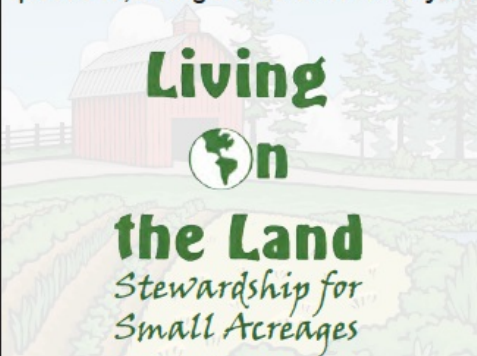
Control weeds?

Develop a plan to reach your goals?

Learn about business opportunities?

Be a steward of your land?

If you answered yes to any of these questions, Living On the Land is for you!



Fall 2014 classes meet 6-9 p.m. Wednesday, Sept. 3 through Nov. 19

\$35 per household - PRE-REGISTRATION REQUIRED. Class size limited to 30.

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

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.

The Reflector
August 13, 2014 – p.C4

Small Acreage Program offers class series

Living On The Land series to span 12 weeks

Registration for WSU Clark County Extension's Small Acreage Program's 12-week class series, Living On the Land – Stewardship for Small Acreages, is now open.

The course prepares participants with the knowledge necessary to develop a whole property management plan and is sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.

Living On the Land participants learn about important topics pertaining to soil, water, plants and animals that guide sound stewardship decisions for farm management. Topics are presented by local and regional experts and include pasture management, controlling weeds, wildlife, soil health, well & septic maintenance, and many more.

Graduates of this training come away with helpful strategies for improving their property by taking a whole farm approach. In addition they create a workable property plan with goals 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," said 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," said Eric Lambert, program coordinator. "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, will be held Wednesdays, Sept. 3 to Nov. 19, 6-9 p.m. Registration is \$35 per farm or family and class size is limited; deadline for registration is Aug. 29. Call or email Eric Lambert at (360) 397-6060 ext. 5729 or eric.lambert@wsu.edu 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.



Photo courtesy of WSU Clark County Extension

REGISTRATION FOR WSU Clark County Extension's Small Acreage Program's 12-week class series, Living On the Land – Stewardship for Small Acreages, is now open.

Appendix C: Well & Septic Maintenance Workshops

PUBLICITY AND PROMOTION

SAMPLE PRESS RELEASE

FLYER

OTHER PUBLICITY

For Immediate Release

July 3, 2014

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

Septic Inspection Workshops Popular Among Homeowners

Thursday July 31, 2014
6:00 to 9:00 PM
CASEE Center
11104 NE 149th St.
Brush Prairie, WA

Vancouver, WA – Homeowners on gravity fed septic systems can save money this summer by attending a popular well and septic maintenance workshop put on by WSU Clark County Extension’s Small Acreage Program and getting certified to inspect their own septic system. Current regulations in place to protect public health and ensure septic systems are operating properly require homeowners on gravity fed septic systems to have their tank inspected every three years.

By participating in one of the workshops and taking a short exam at the end, homeowners can perform their next septic inspection and file it with Clark County Public Health rather than hiring a certified O&M professional to do it. Participants will learn important information about practices that could potentially harm one of the most expensive and necessary features on their property.

Workshop participants will also learn valuable tips about how to protect their well water supply, including well sampling recommendations, making sure their well is safe from contamination and how to shock chlorinate their system if coliform bacteria results come back positive.

Co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program, this workshop will be presented by experts from Clark County Public Health who will certify participants to do their own home septic inspections, conduct the inspection demonstration, answer questions, and provide advice to homeowners.

Eric Lambert, Small Acreage Program Coordinator says, “This workshop has been incredibly popular because it can save homeowners money by certifying them to do their own septic inspections, but more importantly they’ll learn maintenance tips that will protect two of their most valuable investments; their well and septic systems.”

Registration is \$15 per household and class size is limited, registration and details at

<http://www.brownpapertickets.com/event/733670> or call 360-397-6060 ext. 5729

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

Thursday, July 31, 2014
6:00 to 9:00 pm
CASEE Center
11104 NE 149th St.
Brush Prairie, WA
\$15 per household

Class Size Limited. To register visit:
www.brownpapertickets.com/event/733670
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.

The Camas Washougal Post Record
June 10, 2014 - p. A2

Registration is open for septic inspection workshop

Cost is \$15 per person

An upcoming septic inspection workshop aims to help homeowners save money.

The workshop will be held Tuesday, June 2, from 6 to 9 p.m., at East County Fire and Rescue, 600 N.E. 267th Ave., in Camas. Registration is \$15 per person.

By participating in the workshop and taking a short multiple choice test at the end, homeowners can perform their next inspection and file it with Clark County Public Health, rather than calling out a certified operations and maintenance professional.

An inspection demonstration at the workshop will familiarize participants with system components and best practices for performing the inspection.

Co-sponsored by WSU Clark County Extension and Clark County Environmental Service Clean Water Program, the workshop will be presented by experts from Clark County Public Health, who will certify participants to do their own home septic inspections, conduct the inspection demonstration, answer questions and provide advice.

To register, visit www.brownpapertickets.com/event/693355 or call 397-6060, Ext. 5729.

The Columbian
July 5, 2014 - p. C4

BRUSH PRAIRIE

Septic inspection workshop is July 31

Homeowners with gravity-fed septic systems can save money by becoming certified to inspect and maintain their own systems at a septic inspection workshop from 6 to 9 p.m. July 31 at the Center for Agriculture, Science and Environmental Education, 11104 N.E. 149th St., Brush Prairie.

The cost is \$15 per household.

Following the workshop, homeowners will take a short exam.

Homeowners who pass the exam can perform their next septic inspection and file it with Clark County Public Health rather than hire a certified professional. Current regulations require homeowners on gravity-fed septic systems to have their tank inspected every three years.

The workshop is presented by WSU Clark County Extension's Small Acreage Program and co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.

For registration and details visit <http://www.brownpapertickets.com/event/733670> or call 360-397-6060 ext. 5729.

OTHER PUBLICITY

Clark County FYI
July 16, 2014 - p. 4
July 23, 2014 – p. 6

FYI Online

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- Tri-Mountain Golf Course celebrates 20 years
- Bingo for Santa's Posse
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- Leadership Clark County seeks community projects

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- On this date in history

Introduction to permaculture workshop

What: Learn permaculture, a design methodology used to create multi-functional edible landscapes; includes classroom and in-field instruction on basic permaculture design principles, zone and sector analysis, plant polyculture theory and planting guild design.

When: 9 a.m. - 3:30 p.m., Saturday, Aug. 2

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

Cost: \$55 per person. Register early.

Register: <http://bpt.me/607016>

Class size: 20

More information: (360) 397-6060 ext. 5738

Sponsor: Washington State University Clark County Extension Master Gardener Program

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

Thursday, July 31, 2014

6:00 to 9:00 pm

CASEE Center

11104 NE 149th St.

Brush Prairie, WA

\$15 per household

Class Size Limited. To register visit:

www.brownpapertickets.com/event/733670

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.

Appendix D: BMP Workshops

SAMPLE PRESS RELEASE

WORKSHOP FLYER

SAMPLE PAID AD

OTHER PUBLICITY

For Immediate Release

Contact: Eric Lambert

May 16, 2014

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

WSU Extension Workshop Teaches Homeowners About Improve Drainage

Vancouver, WA – WSU Clark County Extension’s Small Acreage Program will offer a workshop on May 28 aimed at helping rural residents improve drainage and manage runoff on their property. The workshop on Wednesday, May 28, will be presented by Grant Johnson, owner of Grant Johnson Drainage Company, who has over 30 years of experience installing drainage systems in Clark County, and Small Acreage Program Coordinator Eric Lambert. Participants will learn how to assess site conditions, determine options for improving drainage, design solutions and get tips on installation. Topics covered include french drains, dry wells, rain gardens, rainwater harvesting and grassy swales.

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

Eric Lambert, Program Coordinator says, “Summer is the perfect time to tackle drainage projects and this workshop is a great opportunity for small acreage residents to get ideas about how to improve drainage on their property from a local professional with lots of experience.”

“Drainage Solutions for Small Acreages”

Wednesday, May 28th, 2014

6:30 to 9:00 PM

78th Street Heritage Farm

1919 NE 78th St.

Vancouver, WA

Registration is \$10. Pre-registration required and class size limited. To register and find more details visit drainagesolutions.brownpapertickets.com/ or call 360-397-6060 ext. 5729 or email eric.lambert@clark.wa.gov.

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.

Drainage Solutions for Small Acreages

*Improve drainage, reduce
mud, improve soils and reclaim
wet spots!*

This workshop will cover:

- ◇ Calculating runoff potential.
- ◇ Assessing sites with drainage issues.
- ◇ Options for improving drainage.
- ◇ Designing & installing drainage solutions.



Wednesday, May 28, 2014
6:30 to 9:00 pm
78th Street Heritage Farm
1919 NE 78th Street
Vancouver, WA
Cost: \$10

**Class size limited & pre-registration required. Registration
& info at: drainagesolutions.brownpapertickets.com**

*Sponsored by the Small Acreage Program,
A partnership 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.

The Reflector – May 21, 2014 p. B2



Photo courtesy of WSU Clark County Extension

WSU CLARK COUNTY EXTENSION's Small Acreage Program will offer a workshop aimed at helping rural residents improve drainage and manage runoff.

WSU Extension workshop teaches how to improve drainage

WSU Clark County Extension's Small Acreage Program will offer a workshop aimed at helping rural residents improve drainage and manage runoff on their property.

The workshop on Wed., May 28, will be presented by Grant Johnson, owner of Grant Johnson Drainage Company, who has over 30 years of experience installing drainage systems in Clark County, and Small Acreage Program Coordinator Eric Lambert.

Participants will learn how to assess site conditions, determine options for improving drainage, design

solutions and tips on installation. Topics that will be covered include french drains, dry wells, rain gardens, rainwater harvesting and grassy swales.

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

Eric Lambert, program coordinator said, "Summer is the perfect time to tackle drainage projects and this workshop is a great opportunity for small acreage residents to get ideas about how to improve drainage on their property from a local professional with lots of experience."

The workshop will be from 6:30-9 p.m. at the 78th Street Heritage Farm, 1919 NE 78th St., Vancouver.

Registration is \$10. Pre-registration is required and class size is limited. To register and find more details visit www.drainagesolutions.brownpapertickets.com/ or call (360) 397-6060 or email eric.lam-

OTHER PUBLICITY

Clark County FYI – May 14, 2014 p. 7
(Notification of the workshop also appeared in the May 21 edition of Clark County FYI)

FYI Online

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- Graphic designer Jane Leonard dies

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- Compare costs of driving
- Disregard CERT class

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- Law Enforcement Memorial
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- Jane Leonard, cont.

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- Works by Jane Leonard

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- Recycled Arts Festival help
- Jeff Swanson appointed

Page 7

- More Than Honey movie
- Drainage solutions class

Page 8

- On this date in history

Drainage Solutions for Small Acreages

Improve drainage, reduce mud, improve soils and reclaim wet spots!

This workshop will cover:

- ◊ Calculating runoff potential.
- ◊ Assessing sites with drainage issues.
- ◊ Options for improving drainage.
- ◊ Designing & installing drainage solutions.



Wednesday, May 28, 2014
6:30 to 9:00 pm
78th Street Heritage Farm
1919 NE 78th Street
Vancouver, WA
Cost: \$10

Class size limited. For more info and to register go to:
www.brownpapertickets.com/event/264962

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

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



WSU Extension programs are available to all without discrimination. Call 360-737-4000 ext. 0 for special accommodations.

VANCOUVER WATERSHEDS ALLIANCE presents:

Tuesday May 27 6 - 8 PM

FREE!

Learn more about the magical world of bees and Colony Collapse Disorder, where colonies of bees have been decimated throughout the world. Without bees, there is no pollination, and fruits and vegetables are threatened.

MORE THAN HONEY

From the producers of WE FEED THE WORLD

FREE Film & Pizza
Tuesday • May 27 • 6 - 8 PM
Vancouver Community Library
Downtown - 901 C Street 98660

852-9189
"Rejuvenating Vancouver's natural spaces & urban places"

VANCOUVER WATERSHEDS ALLIANCE

The Reflector – June 11, 2014 p. C4

Manure composting creates valuable soil amendment

Posted: Wednesday, June 11, 2014 9:00 am

People with livestock often find managing manure one of the biggest chores, but practicing good storage and composting provides big payoffs.

The Manure Composting and Management workshop offered by WSU Clark County Extension's Small Acreage Program on June 25 will demonstrate to animal and livestock owners the benefits of developing strategies for managing manure safely and effectively. The workshop will cover manure storage plans, optimal composting techniques, and using manure safely.

Proper manure management can benefit pastures, keep animals healthy, and protect our water. Effective composting reduces manure piles by up to 50 percent and provides a rich soil amendment landowners can spread on pastures or used in gardens or for landscaping. Poor manure management, aside from being an eyesore, compromises animal health, breeds pests, spreads weeds, and pollutes our streams.

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.

Doug Stienbarger, director and workshop speaker, says, "While managing manure poses management challenges to operating a sustainable property, implementing an effective plan transforms manure from an obstacle into a valuable resource."

Registration for the workshop is \$10, and class size is limited. Register and find more details at www.brownpapertickets.com/event/714309.

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.



MANAGING MANURE

OWNERS OF ANIMALS and livestock will have the opportunity to view demonstrations showing the benefits of developing for managing manure safely and effectively. Photo courtesy of WSU Clark County Extension

OTHER PUBLICITY

The Reflector – June 11, 2014 p. C4
(Notification of the workshop also appeared in the June 18 edition of Clark County FYI)

FYI Online

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- Recycled Arts Festival
- Employee Service Recognition

Page 2

- Blood drive Thursday
- Fresh berries
- *Idle Threat* free movie

Page 3

- Reduce slips, trips, falls
- Well and septic maintenance

Page 4

- Regence weight coaching
- Healthy Living newsletter
- Lorri Southerland retires

Page 5

- Wellness site list
- Wellness Fair June 26

Page 6

- Manure composting
- Discovery Corridor Wastewater Transmission System

Page 7

- On this date in history



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

Manure Composting & Management: *Conquering Mt. Manure*

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

This workshop will cover:

- ◊ Techniques for effective manure composting.
- ◊ Using manure safely in pastures and gardens.
- ◊ Planning safe manure storage for any budget.



Wednesday, June 25, 2014
6:30 to 8:30 pm
78th Street Heritage Farm
1919 NE 78th St.
Vancouver, WA

\$10 - class size limited. For more info and to register visit:
www.brownpapertickets.com/event/714309

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

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



WSU Extension programs are available to all without discrimination. Call 360-397-4040 ext. 0 for special accommodations.

Discovery Corridor Wastewater kickoff

About 60 local dignitaries helped kickoff construction of the Discovery Corridor Wastewater Transmission System last week at the northbound Interstate 5-Gee Creek Rest Area.

The project's first phase is installing wastewater pipeline to connect the Ridgefield/I-5 junction to the Salmon Creek Treatment Plant.

When complete, the \$25 million project will support economic development in the freeway corridor in north Clark County and help the Clark Regional Wastewater District provide efficient, low-cost sewer service.

For more information: www.crwdd.com/projects/dcwts/index.php

Appendix E: Outreach and Promotional Activities

SMALL ACREAGE EXPO

PROMOTIONAL FLYER

HANDOUT PROGRAM

PRESS RELEASE

PAID ADS

OTHER PUBLICITY

HARVEST CELEBRATION

PROMOTIONAL FLYER

PRESS RELEASE

PAID ADS

HANDOUT PROGRAM

OTHER PUBLICITY

Saturday April 5, 2014
8:30 am to 3:30 pm

9th Annual

Clark County Small Acreage Expo



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



Jointly Sponsored By:



Environmental Services
Clean Water Program



space by April

Controlling Weeds

- And much more!!!

Saturday April 5, 2014
8:30 am to 3:30 pm
78th Street Heritage Farm
Vancouver, WA



PRE-REGISTRATION REQUIRED
View full program soon and register at
smallacreageexpo.brownpapertickets.com
Registration \$10, with lunch for \$20



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.

<div>A1</div> <div> Get the Lowdown on Lime </div> <div> <i>Gordon French, LJC Feeds</i> </div> <div> <p>Want to green your pastures? 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!</p> </div> <div>A2</div> <div> Septic Inspection Certification </div> <div> <i>Joe Laxson, Clark County Public Health</i> </div> <div> <p>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 (gravity fed only).</p> </div> <div>A3</div> <div> Drainage Solutions for Small Acreages </div> <div> <i>Seth Kenworthy, Drainage Masters</i> </div> <div> <p>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.</p> </div> <div>A4</div> <div> Are Weeds Ruling Your Paradise? </div> <div> <i>Ron Hendrickson, Clark County Vegetation Management</i> </div> <div> <p>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.</p> </div>	<div>Session B</div> <div> 10:30 - 11:45 am </div> <div>B1</div> <div> Goat Keeping Basics </div> <div> <i>Candy Yarnell, Clark County Goat Association</i> </div> <div> <p>Goats are becoming popular on small acreage properties in Clark County. In this session, Candy will discuss selecting goats by breeds and uses, housing, fencing and space requirements, basic health care, feeding and poisonous plants you should be aware of.</p> </div> <div>B2</div> <div> Working with Nature to Grow Fruit </div> <div> <i>John Salvetti, Home Orchard Society</i> </div> <div> <p>What if you could grow a variety of fruit in harmony with nature? In this session, John will talk about growing common fruits and berries as well as exotics such as aronia and guava. He'll also discuss important considerations such as pollination, grafting, garden design, and pests.</p> </div> <div>B3</div> <div> Local Resources for Rural Living </div> <div> <i>Denise Smee, Clark Conservation District</i> </div> <div> <p>Do you have farm projects that need technical or financial assistance? There are many resources available in Clark County to assist small acreage landowners with various projects. In this session learn about cost share, technical assistance and conservation programs from local organizations.</p> </div>
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Beekeeping: Saving the Honeybees
Charles Bennett, Clark County Beekeepers
 What can you do to help our local honeybee population? One way is to become a beekeeper! Learn the basics of getting set up, tips about keeping bees and what to expect after you get your own swarm.

C1

Vermicomposting: Worm Fertilizer
Master Composter/Recycler
 Don't let those food scraps go to waste! Learn how you can use worms to reduce your waste footprint while creating a nutrient rich organic fertilizer that will give your garden a healthy boost. Get tips on creating a vermicompost bin and caring for these special worms.

C2

Hands-On Fence Building
Trevor Prothero, Wilco Farm Stores
 Learn how to install versatile high tension fence the right way. This class is great for the DIYers who want to get hands on experience setting posts, making braces, tightening wire and turning a corner. **This class is continued in session D.**

C3

Session C 12:45 - 2:00 pm

Raising Beef 101
Gary Fredricks, WSU Cowlitz County Extension
 Interested in raising your own beef? Learn practices and tips for how to do it the right way. Gary will provide information on breed selection, nutritional requirements and space and housing recommendations for beef cattle.

D1

Pasture Repair: Improving Pastures Through Renovation & Management
Gene Pirelli, OSU Extension
 Does your pasture need a makeover? This session will cover techniques to revitalize pastures and management practices that will keep them productive. Gene will also discuss grass varieties best suited for our region.

D2

NatureScaping to Attract Beneficial Wildlife
Meredith Hardin, NatureScaping of SW WA
 Do you enjoy seeing hummingbirds, butterflies and other wildlife in your yard? In this session, learn how to create a backyard habitat. Meredith will discuss how you can attract these creatures by choosing the right plants and designing your landscape to meet their habitat needs.

D3

Hands-On Fence Building (cont.)
Trevor Prothero, Wilco Farm Stores
 Learn how to install versatile high tension fence the right way. This class is great for the DIYers who want to get hands on experience setting posts, making braces, tightening wire and turning a corner. **This class is continued from session C.**

D4

Session D 2:15 - 3:30 pm

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 – 12:45 PM
Session C	12:45 – 2:00 PM
Session D	2:15 – 3:30 PM
Evaluations & Drawings	3:30 PM

Our Thanks to:

All of our speakers, vendors, volunteers and donors, including Wilco Farm Stores, Columbia River Carbonates, Backyard Birdshop and A&L Western Labs.



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



Register at: smallacreageexpo.brownpapertickets.com

Directions to the 78th Street Heritage Farm - 1919 NE 78th St.

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.

Expo Sample Press Release

For Immediate Release

March 18, 2014

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's 9th Annual Small Acreage Expo Offers Exciting New Topics!

Vancouver, WA – WSU Clark County Extension and the Clark County Clean Water Program invite the community to the ninth annual Small Acreage Expo on Saturday, April 5 at the 78th Street Heritage Farm.

This year's Small Acreage Expo offers exciting new topics including hands-on fence building, goat keeping, permaculture fruit production, vermicomposting, beekeeping, raising beef and more. Participants can still choose from many of the popular topics offered in previous years such as installing drainage solutions, septic inspection certification, weed management, lime and fertilizer application, and pasture repair. An open house during the lunch break will allow participants to meet and learn more about local organizations and 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 as well as online registration is available at <http://smallacreageexpo.brownpapertickets.com/>

Eric Lambert, Small Acreage Program Coordinator, says "Each Expo we bring in new speakers to cover topics that are current and popular among Clark County's small acreage residents. The few workshops that we offer year after year assist landowners with some of the most important, challenging and widespread issues of land management." Doug Stienbarger, County Extension Director notes, "It's great to see folks come to the Expo to network other landowners, make connections with local resources, and learn new ideas and practices that they can apply at home to improve their property."

"Small Acreage Expo"

Saturday, April 5, 2014

8:30 AM to 3:30 PM

78th Street Heritage Farm

Vancouver, WA

Registration is \$10, \$20 with lunch ordered before April 3. 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.

###

The Reflector, March 26, 2014

9th Annual Clark County Small Acreage Expo

Saturday April 5, 2014 ~ 8:15 am - 3:30 pm
Vancouver, WA

Registration only \$10
or \$20 with lunch!!
Reserve your space by April 3!
smallacreageexpo.brownpapertickets.com

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	Beekeeping: Saving the Honeybees
	A2	Septic Inspection Certification		C2	Vermicomposting: Worm Fertilizer
	A3	Drainage Solutions for Small Acreages		C3	Hands-On Fence Building
	A4	Are Weeds Ruling Your Paradise?	Open House Lunch! Meet local vendors and agencies that serve Clark County		
Session B	B1	Goat Keeping Basics	Session D	D1	Raising Beef 101
	B2	Working with Nature to Grow Fruit		D2	Pasture Repair: Improving Pastures
	B3	Local Resources for Rural Living		D3	Naturescaping to Attract Wildlife
				D4	Hands-On Fence Building (cont.)

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.*

Small Acreage Expo topics include raising beef, bee keeping

Event focuses on land management issues

The ninth annual Small Acreage Expo will be held Saturday, April 5, at the 78th Street Heritage Farm in Vancouver.

This year's expo, organized by the WSU Clark County Extension and the Clark County Clean Water Program, offers several new topics including hands-on fence building, goat keeping, permaculture fruit production, vermicomposting, beekeeping, raising beef and more.

Participants can still choose from many of the popular topics offered in previous years, such as installing drainage solutions, septic inspection certification, weed management, lime and fertilizer application, and pasture repair and management.

"Each Expo we bring

in new speakers to cover topics that are current and popular among Clark County's small acreage residents," said Eric Lambert, Small Acreage Program coordinator. "The few workshops that we offer year after year assist landowners with some of the most important, challenging and widespread issues of land management."

The event will be held from 8:30 a.m. to 3:30 p.m. 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 of local vendors participating in the event.

Registration is \$10, or \$20 with lunch ordered before April 3.

"It's great to see folks come to the expo to network with other landowners, make connections with local resources, and learn new ideas and prac-



CONTRIBUTED PHOTO

The ninth-annual Small Acreage Expo will be held Saturday, April 5, in Vancouver. Topics will range from bee keeping, vermicomposting and raising beef, to lime and fertilizer application and pasture repair and management.

tices that they can apply at home to improve their property," said Doug Stienbarger, County Extension director.

To view descriptions of all classes and to complete online registration, visit <http://smallacreageexpo.brownpapertickets.com/>

For more information about the Small Acreage Program, call 397-6060, Ext. 0.

LIBERTY THEATRE 360-859-9555
315 NE 4th Ave. • Downtown Camas WA
114-2012 • www.camasliberty.com
ALL SHOWS *\$4 • \$3 ON TUE. • \$30 +\$1
PLEASE CHECK WEBSITE OR CALL THEATRE
FOR SHOW TIMES AND ADMISSION POLICY
NU JOE Heartfelt Irish Drama
RUN & JUMP

Camas Washougal Post Record
March 11, 2014 - p. A3

p.m. May 16 to file to run.

HAZEL DELL

Small Acreage Expo offers workshops

Heritage Farm next week will host the annual Small Acreage Expo, offering a variety of classes and workshops related to working and living on the land.

The daylong event lasts from 8:30 a.m. to 3:30 p.m. April 5, at 1919 N.E. 78th St. in Vancouver. The expo is sponsored by Washington State University Clark County Extension and the Clark County Clean Water Program.

More than a dozen planned workshops include fence building, goat keeping, beekeeping, raising beef and growing fruit, among others.

Registration is \$10, or \$20 with lunch ordered before April 3.

More information is at www.clark.wsu.edu and through the WSU extension at 360-397-6060, ext. 0.

VANCOUVER

David Douglas is topic of First Thursday talk

Author and teacher Jack Nisbet will discuss Scottish naturalist David Douglas at 7 p.m. Thursday at the Clark County Historical Museum.

The event is part of the monthly "First Thursday" speaker series at the museum, 1511 Main St.

Douglas was Fort Vancouver's resident naturalist from 1825 to 1834. Nisbet will describe Douglas' adventures inside and outside Fort Vancouver and connect

SATURDAY, APRIL 5

2014 Spring GardenPalooza:

8 a.m.-4 p.m. More than 40 local vendors with plants, tools and decor for gardeners. Fir Point Farms, 14601 Arndt Road, Aurora: free admission and parking; www.gardenpalooza.com or 678-2455

Small Acreage Expo: 8:30 a.m.-3:30 p.m. WSU Clark County Extension hosts a day of education, networking on stewardship, local agriculture and homesteading topics. 78th Street Heritage Farm, 1919 N.E. 78th St., Vancouver; \$10 registration only, \$20 registration and lunch; <http://clark.wsu.edu/horticulture/smallAcreageProgram.html>

The Oregonian, Home & Garden Section
March 29, 2014 - p. 11

The Columbian
March 28, 2014 - p. C3

16th HARVEST CELEBRATION DAY



WASHINGTON STATE UNIVERSITY
 CLARK COUNTY EXTENSION

For Immediate Release

August 26, 2014

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

16th Annual Harvest Celebration Connects Community and Local Farms

Saturday, September 20, 2014

10:00 AM to 3:00 PM

Hazel Dell South, WA – WSU Clark County Extension and local farms across the county invite the community to this year's Harvest Celebration Day on Saturday, September 20. From 10am to 3pm 12 farms will be open for the public to experience Clark County's diverse agricultural producers and learn about life on the farm. Three new farms will join the tour this year, including White Oak Alpacas, Coyote Ridge Ranch and Velvet Acres Gardens, while many of the perennial favorites, such as Conway Family Farm, Bi-Zi Farm, and Linda's Dahlias will also be open.

The farms on this year's Harvest Celebration will offer a wide range of activities for the whole family. Yacolt Mountain Farm & Nursery will show off their draft horses working the fields, Half Moon Farm will have honey extracting demonstrations, Garden Delights CSA & Herb Farm will give talks on harvesting and growing herbs and Botany Bay will offer guided tours and other festivities. Participants will also have the chance to meet their 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, "This event is great fun for the whole family, but it's also a great way for the community to show support for the hard working farmers that grow our local food system. Most of our small farmers rely on direct marketing, which is largely about building relationships with local consumers focused on trust, appreciation and, of course, great food, flowers and fibers!"

This year's Harvest Celebration will also feature two local farms that have been recognized by WSU Clark County Extension for showing a commitment to stewardship. Garden Delights CSA & Herb 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, "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 ext100.wsu.edu/clark/naturalresources/smallacreageprogram/ 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.

Other Publicity

FYI Online

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- Corn on the cob

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- Homicide victims remembered
- Drug, alcohol recovery events
- STAR nominees honored
- Harvest Celebration Day

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- Last garage stairs to be rebuilt
- Wireless changes coming
- Burgerville support CSP

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- Volunteer at diversity conference
- Sign up for golf tournament
- Event Center schedule

Page 6

- Two vehicle ergonomics trainings
- Storm drain stencil kits
- Mid-Valley Treasures garden tour

Page 7

- On this date in history



Homicide victims remembered Sept. 19

Event: National Day of Remembrance for Homicide Victims

Sponsor: Clark County Prosecuting Attorney's Office

Date: Friday, Sept. 19

Time: 10-11 a.m.

Location: Public Service Center Plaza, 1300 Franklin St.



Drug, alcohol recovery conference, dinner

Event: Recovery NW Project conference and Clark County Recovery Forum, recognizing National Alcohol and Drug Addiction Recovery Month

Dates: Friday-Saturday, Sept. 12-13

Location: Red Lion at the Quay, 100 Columbia St., Vancouver

Cost: Free, but space is limited

More information: [RecoveryConference](#) and [RecoveryDinner](#)

STAR nominees to be cheered Sept. 22

STAR – Special Thanks and Recognition – is a peer program to celebrate Clark County's talented, dedicated and innovative employees. Employees are nominated in several categories and recognized at an annual event, where they are eligible for prizes in random drawings.



The 2014 ceremony is scheduled for 3-4 p.m. Monday, Sept. 22, in the sixth-floor hearing room of the Public Service Center, 1300 Franklin St.

Employees being honored were those nominated from Oct. 1, 2013 through Aug. 31, 2014.

Tour 12 farms on Harvest Celebration Day

Washington State University Clark County Extension and a dozen local farms invite the community to this year's Harvest Celebration Day on Saturday, Sept. 20.

Visitors can tour the 12 farms from 10 a.m. to 3 p.m., getting a first hand look at Clark County's diverse agricultural producers and learning about farm life. Three new farms join the tour this year, while perennial favorites also open their doors.

Farm descriptions, maps and a schedule are available at <http://ext100.wsu.edu/clark/naturalresources/smallacreageprogram/> or from the Extension office at 1919 N.E. 78th St., Vancouver.

The information is also available at [HarvestCelebrationDay](#).

The Camas Washougal Post Record, September 9, 2014 - p. B4

A Harvest Celebration



PHOTO COURTESY OF WSU CLARK COUNTY EXTENSION

Harvest Celebration Day participants will have the chance to meet local farmers; purchase fresh produce, U-pick, cut flowers, and other farm products; see alpacas, draft horses, chickens, goats, and other livestock; and tour fruit orchards, vegetable fields and flower gardens. Conway Family Farm in Camas (pictured above), which includes a goat dairy and farmstead goat cheese production, will offer tours of its facility as part of the event.

Farms in Camas and Washougal will be among those open Saturday

By **HEATHER ACHESON**
Post-Record staff

Local farms across the county will participate in this year's Harvest Celebration Day, set for Saturday, Sept. 20.

From 10 a.m. to 3 p.m., a dozen farms will be open for the public to experience Clark County's diverse agricultural producers and learn about life on the farm.

According to Eric Lambert, Washington State University Small Acreage Program coordinator, three new farms will join the tour this year, including White Oak Alpacas in Woodland, Coyote Ridge Ranch in La Center and Velvet Acres Gardens in Vancouver, while many of the perennial favorites, such as Conway Family Farm in Camas, Bi-Zi Farm in Vancouver, and Linda's Dahlias in Washougal will also be open.

"This event is great fun for the whole family, but it's also a great way for the community to show support for the hard working farmers that grow our local food system," he said. "Most of our small farmers rely on direct marketing, which is largely about building relationships with local consumers focused on trust, appreciation and, of course, great food, flowers and fibers."

The farms taking part in this year's Harvest Celebration will offer a wide range of activities, and participants will have the chance to meet their 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.

Linda's Dahlias, owned by Linda Merrell and located at 1525 S.E. Washougal River Road, will offer a self-guided walking tour through two dahlia gardens.

Merrell grew up on the property. She and her husband, Robert, purchased the property from her dad, the late Vernon "Bus" Burns, 17 years ago, and they planted the dahlia farm 12 years ago. It is now home to 300 varieties of dahlias.

"It's a flower we've always enjoyed," she said. "We're crazy, but we love it."

According to Merrell, people who stop by the farm during the Harvest Celebration can pick their own or purchase pre-cut dahlia bouquets. Orders will also be taken for dahlia tubers and garden starts for next spring.

During the blooming season, which runs from late July to the first frost,

See Harvest, page B3

The Camas Washougal Post Record, September 16, 2014 - p.B2-B3 (cont.)

Continued from page B2

Linda's Dahlias is open daily, from 9 a.m. to 6 p.m.

Conway Family Farms, located at 32116 N.E. 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, a blueberry field and small cut flower garden. There is an on-site store where farm-raised

food and other products can be purchased.

Yacolt Mountain Farm & Nursery will show off their draft horses working the fields. Half Moon Farm in Brush Prairie will have honey extracting demonstrations. Garden Delights CSA & Herb Farm in Brush Prairie will give talks on harvesting and growing herbs and Botany Bay will offer guided tours and other festivities.

"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," said Doug Stienbarger, WSU Clark County Extension director.

This year's Harvest Celebration will also feature two local farms that have been recognized by WSU

Clark County Extension for showing a commitment to stewardship. Garden Delights CSA & Herb 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.

"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," Lambert said.

Farm descriptions with maps and an events schedule are available online at ext100.wsu.edu/clark/naturalresources/smallacreageprogram/ or from the Extension office in Vancouver located at 1919 N.E. 78th St.

The Camas Washougal Post Record
September 16, 2014 - p.B2-B3

Harvest Celebration connects community and local farms

Farms will be open Sept. 20

Harvest Celebration Day will be held Saturday, Sept., 20, from 10 a.m. to 3 p.m., when a dozen farms will be open for the public to experience Clark County's diverse agricultural producers and learn about life on the farm.

Presented by the WSU Clark County Extension, the tour will include farms offering a range of range of family activities.

Participants will have the chance to meet their 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.

Farm descriptions and an schedule are available online at <http://ext100.wsu.edu/clark/naturalresources/smallacreageprogram/>, or from the Extension office in Vancouver located at 1919 N.E. 78th St.

The Reflector
September 10, 2014
p.C7

Annual Harvest Celebration connects community and farms

Participating farms include some in North County

WSU Clark County Extension and local farms across the county invite the community to this year's Harvest Celebration Day on Sat., Sept. 20.

From 10 a.m.-3 p.m. 12 farms will be open for the public to experience Clark County's diverse agricultural producers and learn about life on the farm. Three new farms will join the tour this year, including White Oak Alpacas, Coyote Ridge Ranch and Velvet Acres Gardens, while many of the perennial favorites, such as Conway Family Farm, Bi-Zi Farm, and Linda's Dahlias will also be open.

The farms on this year's Harvest Celebration will offer a wide range of activities for the whole family. Yacolt Mountain Farm & Nursery will show off their draft horses working the fields, Half Moon Farm will have honey extracting demonstrations, Garden Delights CSA & Herb Farm will give talks on harvesting and growing herbs and Botany Bay will offer guided tours and other festivities.

Participants will also have the chance to meet their 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.

"This event is great fun for the whole family, but it's also a great way for the community to show support for the hard working farmers that grow our local food system," said Eric Lambert, Small Acreage Program coordinator says. "Most of our small farmers rely on direct marketing, which is largely about building relationships with local consumers focused on trust, appreciation and, of course, great food, flowers and fibers."

This year's Harvest Celebration will also feature two local farms that have been recognized by WSU Clark County Extension for showing a commitment to stewardship. Garden Delights CSA & Herb 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.

"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 prac-



Photo courtesy of WSU Clark County Extension

WSU CLARK COUNTY Extension and local farms across the county invite the community to this year's Harvest Celebration Day on Sat., Sept. 20. Shown here are goats from Conway Farms in Camas

tices," Lambert said.

Farm descriptions with maps and an events schedule are available online at www.ext100.wsu.edu/clark/naturalresources/smallacreageprogram/ or from the Extension office in Vancouver located at 1919 NE 78th Street.

"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," said Doug Stienbarger, WSU Clark County Extension director.

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.

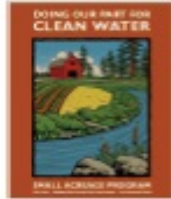
Appendix F: Model and Merit Properties

SAMPLE TOUR FLYER

SAMPLE PRESS RELEASE

OTHER TOUR PUBLICITY

Small Acreage Tour



Got horses? Tour this merit property and hear from the farm owners about best management practices that keep horses healthy while protecting natural resources.

Vossenberg Farm
Ridgefield, WA

Saturday
November 8, 2014
9 to 11 am



Learn about:

- ~ Drainage & Mud Solutions
- ~ Pasture & Grazing Management
- ~ Horse Friendly Footing Materials
- ~ Manure Management & Composting

PRE-REGISTRATION REQUIRED - \$10

www.brownpapertickets.com/event/901601

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.

For Immediate Release

September 5, 2014

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

Garden Delights CSA & Herb Farm Stewardship Tour

Vancouver, WA – WSU Clark County Extension’s Small Acreage Program invites participants to tour Garden Delights CSA & Herb Farm, a beautiful five acre farm in Brush Prairie. Garden Delights is a multi-generation family farm that sells herbs, herbal products, and offers an 18 week vegetable CSA. The farm owners also raise steers and keep a family horse. In 2013 Garden Delights was recognized by WSU Clark County Extension as a Model Property for demonstrating a commitment to stewardship by implementing practices to control runoff, manage manure, and maintain healthy pastures. Tour participants will have the opportunity to get ideas for improving soils, controlling mud, managing manure, raising cattle, managing pastures and operating a small farm business.

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 runs from 2 pm until 4 pm and participants will meet at the farm in Brush Prairie.

Eric Lambert, Small Acreage Program Coordinator, says “Garden Delights CSA & Herb Farm epitomizes what can be accomplished on a small farm with thoughtful planning, hard work and a commitment to stewardship. Tour participants will learn a lot about solving common small acreage issues and how to achieve small farm goals sustainably.” Farm tours are guided peer to peer educational events open to everyone and anyone!

Garden Delights CSA & Herb Farm
Saturday, September 27, 2014 – 2 PM to 4 PM
Brush Prairie, WA

Registration is \$10 and tour size is limited. Pre-register and find details at

www.brownpapertickets.com/event/852128 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 two weeks prior to the event.

The Reflector
March 25, 2013

Horse health and farm management tour set

Posted: Wednesday, March 26, 2014 9:00 am

[Horse health and farm management tour set](#)

WSU Clark County Extension's Small Acreage Program invites the community to join a tour of Moonstruck Meadows in La Center on Sat., March 29 to learn about horse care and farm management practices that keep horses healthy and area streams clean.

Ridgefield Equine Clinic vet Anne Marie Ray will be on hand to discuss preventative horse care and things people can do at home to improve their animals' health. On the tour, participants will learn valuable tips and see strategies that can help reduce mud, improve pastures and protect streams. Participants will also have the opportunity to see and discuss winter paddock design, footing materials, manure storage, stable design, pasture management, improving drainage, and controlling runoff.

In 2005, Moonstruck Meadows was recognized by the WSU Clark County Extension Small Acreage Program as a Model Property for implementing practices that protect water quality and natural resources. The 10-acre farm specializes in breeding Pure Spanish Andalusians (PRE) for dressage and pleasure.

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 veterinarian and 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 La Center.

Eric Lambert, Small Acreage Program coordinator, said, "The owners of Moonstruck Meadows have put in a lot of thought and effort implementing management practices that really work. This tour will 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 anyone (no small children please).

Registration is \$10 and tour size is limited. To register, visit:

<http://www.brownpapertickets.com/event/583916> or call (360) 397-6060, Ext. 0.

Clark County FYI
March 12, 2014 - p.5

FYI Online

5

Horse health and farm management tour

What: Tour of Moonstruck Meadows, 10-acre horse farm

When: Saturday, March 29

Time: 10 a.m. to noon

Where: La Center

Cost: \$10 per person, no small children please

Register: www.brownpapertickets.com/event/583916

Sponsor: WSU Clark County
Extension Small Acreage Program

Moonstruck Meadows: A Small
Acreage Program model property
for implementing practices
that protect water and natural
resources.



RIDGEFIELD

Learn about goats, more on farm tour

WSU Clark County Extension's Small Acreage Program invites participants to tour Cloud Nine Farm, a 5-acre property in Ridgefield. The farm raises goats and chickens and grows vegetables, fruit and nuts.

The tour is noon to 2 p.m. July 27 at the farm, 15911 N.W. 41st Ave., Ridgefield.

Tour participants will learn about keeping goats and improving management practices and can share solutions that have worked on their property.

The tour will be led by the landowners/farmers and representatives of the Small Acreage Program. The program is co-sponsored by WSU Clark County Extension and Clark County Environmental Services Clean Water Program.

The tour is not recommended for children. Dogs will not be allowed.

In 2011 Cloud Nine Farm was recognized by WSU Clark County Extension as a model property for demonstrating stewardship by implementing practices to control runoff, manage manure and maintain healthy pastures.

Cost is \$10 per person. For registration and details: <http://www.brownpapertickets.com/event/752897>

The Columbian
July 5, 2014 - p.C4

Clark County FYI
July 9, 2014 - p.4
July 16, 2014 - p.5

FYI Online

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Page 1

- Open government training

Page 2

- Discounted fair tickets
- Support retired K9 Dash

Page 3

- Avoid heat illness
- Employee picnic Aug. 16

Page 4

- Permaculture workshop
- Well and septic inspection workshop

Page 5

- Misty Fehrenbacher retires
- Small Acreage program

Page 6

- Tri-Mountain Golf Course celebrates 20 years
- Bingo for Santa's Posse
- Share management tips
- Leadership Clark County seeks community projects

Page 7

- On this date in history

Join us in saying goodbye to...

Misty Fehrenbacher

From: District Court Corrections

After: 18 years

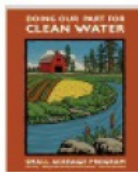
Date: Thursday, July 31

Time: Noon - 1 p.m.

Location: Jury Assembly Room, first floor, Clark County Courthouse, 1200 Franklin St.



Small Acreage Tour



Got acreage? Tour this model property and hear from farm owners about keeping goats, operating a small scale farm and implementing stewardship practices that protect natural resources.

Cloud Nine Farm
Ridgefield, WA

Sunday
July 27, 2014
12 pm to 2 pm



Come learn about:

- ~ Goat Care & Nutrition
- ~ Pasture Management
- ~ Manure Management
- ~ Drainage & Mud Solutions

PRE-REGISTRATION REQUIRED - \$10

www.brownpapertickets.com/event/752897



or call (360) 397-6060 ext. 0

No dogs please.

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.

The Reflector
September 14, 2014 - p. D1

Farm Stewardship Tour to be held at Garden Delights Farm

Event will be held
Saturday, September 27

JOANNA MICHAUD
staff reporter

WSU Clark County Extension's Small Acreage Program invites participants to tour Garden Delights CSA & Herb Farm, a five-acre farm in Brush Prairie, on Sat., Sept. 27, 2-4 p.m. The farm is located at 15417 NE Parkin Rd., Brush Prairie.

Garden Delights is a multi-generation family farm that sells herbs, herbal products and offers an 18-week vegetable CSA. The farm owners also raise steers and keep a family horse. In 2013, Garden Delights was recognized by WSU Clark County Extension as a Model Property for demonstrating a commitment to stewardship by implementing practices to control runoff, manage manure and maintain healthy pastures.

Tour participants will have the opportunity to get ideas for improving soils, controlling mud, managing manure, raising cattle, managing pastures and operating a small farm business.

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 runs from 2-4 p.m., and participants will meet at the farm in Brush Prairie.

When Eloyce O'Connor and her family first moved to their five-acre farm in Brush Prairie in the 1990s, they began growing produce and selling at local farmer's markets.

However, O'Connor's daughter and partner on the farm, Erin Harwood, told *The Reflector* in a previous interview that they didn't like wasting the produce that they had left over if they weren't able to sell it all at the farmer's markets. So, in 2008, O'Connor and Harwood decided to start a CSA.

"CSA just seemed like a logical fit," Harwood said. "We can pre-sell all the produce and that gives us money to buy seed, gas for our equipment and things like that. It makes the business very self-sustaining."

Although Garden Delights is primarily a CSA, Harwood said the other major part of their business is herbs. They offer several different culinary herb blends, which are salt-free herb blends that Harwood said are "like Mrs. Dash, but way better."

The herbs are dried in small batches in the microwave and are hand blended and put into glass jars.

A third aspect of Garden Delights involves pets. Harwood said she used to have a pet dog that had some serious issues with fleas and irritated skin. Af-



Photo courtesy of Erin Harwood

GARDEN DELIGHTS CSA & Herb Farm, a five-acre farm in Brush Prairie, is the site for the upcoming Farm Stewardship Tour. Owners of the farm are pictured here, from left to right, Albert O'Connor, Kieran Harwood, Erin Harwood and Eloyce O'Connor.

AT A GLANCE

Farm Stewardship Tour

WHEN: Sat., Sept. 27, 2-4 p.m.

WHERE: Garden Delights CSA & Herb Farm, 15417 NE Parkin Rd., Brush Prairie

DETAILS: Tour the farm and get ideas for improving soils, controlling mud, managing manure, raising cattle, managing pastures and operating a small farm business

REGISTER: Registration is \$10, tour size is limited. Pre-register at <http://www.brownpapertickets.com/event/852128>

ter some experimenting with lavender and pennyroyal, Harwood said she made a collar that soothed her dog's skin and helped get rid of fleas.

"We don't make things and offer them to the public unless we use them and like them," Harwood said.

Another product offered to customers of Garden Delights is grass-fed beef. The beef cows come from local dairies and are given access to fresh grass all day, everyday. The animals are harvested on the farm and people

purchase their share of the animal in advance. The beef is sold in quarters.

Eric Lambert, Small Acreage Program coordinator, said, "Garden Delights CSA & Herb Farm epitomizes what can be accomplished on a small farm with thoughtful planning, hard work and a commitment to stewardship. Tour participants will learn a lot about solving common small acreage issues and how to achieve small farm goals sustainably."

Farm tours are guided peer to peer educational events open to



Photo courtesy of Erin Harwood

ONE OF THE products offered to customers of Garden Delights is grass-fed beef. The beef cows come from local dairies and are given access to fresh grass all day, everyday.

everyone and anyone.

Registration for the farm tour is \$10 and tour size is limited. Pre-register and find details at <http://www.brownpapertickets.com/event/852128> or call (360) 397-6060, ext. 0. For more information on Garden Delights CSA & Herb Farm, visit their website at www.gardendelightsfarm.com.

The Reflector
September 14, 2014 - p. D1

FYI Online

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- Ebola message from County Health Officer Alan Melnick
- Closed for Veterans Day

Page 2

- Children's Sharing Project silent auction tomorrow

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- Santa's Posse Holiday Bazaar Nov. 12-13
- Gayle Anderson retires

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- Small acreage tour
- Nov. 4 election returns on CVTV Channel 23

Page 5

- Deferred Compensation meetings
- Fats: friend or foe?

Page 6

- On this date in history

Nov. 4 election returns on CVTV Ch. 23

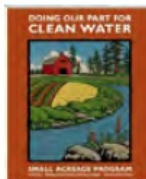
CVTV, cable Channel 23, will provide live local television coverage of the Tuesday, Nov. 4 general election returns beginning at 8:30 p.m. Viewers can watch up-to-the-minute results, analysis and commentary.



Live coverage also is available on the Internet at www.cvtv.org.

Dave Schmitke, a CVTV contributor, and Carolyn Long, associate professor for the Department of Political Science at Washington State University Vancouver will conduct interviews from Clark College's Gaiser Hall

Small Acreage Tour



Got horses? Tour this merit property and hear from the farm owners about best management practices that keep horses healthy and natural resources protected.

Vossenberg Farm
Ridgefield

Saturday
Nov. 8, 2014
9 - 11 am



Learn about:

- ~ Drainage & mud solutions
- ~ Pasture & grazing management
- ~ Horse-friendly footing materials
- ~ Manure management & composting

PRE-REGISTRATION REQUIRED - \$10

www.brownpapertickets.com/event/901601

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.



Appendix H: Agricultural Entrepreneurship and Business Planning

PUBLICITY & PROMOTION

PRESS RELEASE

PAID ADS

FLYER

OTHER PUBLICITY

For Immediate Release

December 2, 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

WSU Extension Opens Registration for Small Farm Business Planning Course

Wednesdays, January 15 through March 19, 2014

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? WSU Clark County Extension will be offering a 10 week course, Agricultural Entrepreneurship and Business Planning, designed to help entrepreneurs develop a workable business plan to guide the success and sustainability of their agricultural enterprise.

The course will help beginning and existing farmers gain skills in business planning and important aspects of operating a sustainable business. Special emphasis is placed on direct marketing, record keeping, and financial and legal issues unique to agricultural businesses. Guest speakers include farm marketing specialists, accountants, attorneys, agricultural professionals, and local farm business owners who provide models for sustainable agricultural by sharing their farming and marketing experiences.



“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, which is a road map to success, 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 \$100 per farm or family and class size is limited to the first 30 participants. This class series fills up quickly so call Eric Lambert at 360-397-6060 ext. 5729 or visit the WSU Clark County Extension events calendar (clark.wsu.edu) for registration details on this terrific learning opportunity. ***Deadline for registration is January 13th.***

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.

###

Ag Entrepreneurship & *Business Planning*



January 15 - March 19
Wednesdays

6:00 PM to 9:00 PM

Hazel Dell, WA

Presented by:

Small Acreage Program

WASHINGTON STATE UNIVERSITY
CLARK COUNTY EXTENSION



Learn:

- **Business planning**
- **Direct marketing strategies**
- **Farm & financial recordkeeping**
- **Risk management**
- **Legal issues and much more**



Learn important small farm business planning skills from industry experts and local farmers. Finish the class with a complete business plan to guide the direction and future of your farm enterprise!

Registration is \$100 per farm or family and class size is limited.

Two person limit per farm or family. 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.*

Business Planning for Small Farms

January 15 - March 19 2014
Wednesdays 6:00 - 9:00 pm
Hazel Dell, WA

REGISTRATION IS \$100 PER FARM OR FAMILY
CLASS SIZE IS LIMITED AND FILLS QUICKLY

Partial scholarships available on a limited basis.

Call WSU Clark County Extension at 360-397-6060 ext. 5729
 to register and for 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

The Reflector – December 11, 2013 p. A5

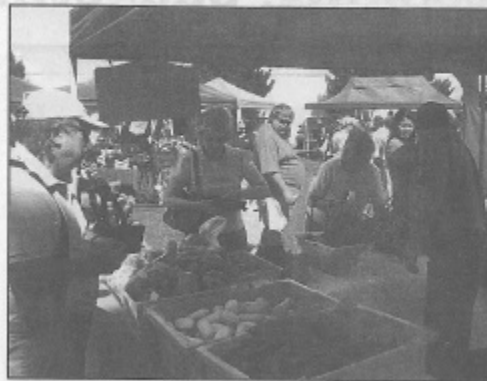
WSU Extension opens registration for planning course

WSU Clark County Extension will offer a 10-week course, Agricultural Entrepreneurship and Business Planning, designed to help entrepreneurs develop a workable business plan to guide the success and sustainability of their agricultural enterprise.

The course will help beginning and existing farmers gain skills in business planning and important aspects of operating a sustainable business. Special

emphasis is placed on direct marketing, record keeping, and financial and legal issues unique to agricultural businesses. Guest speakers include farm marketing specialists, accountants, attorneys, agricultural professionals, and local farm business owners who provide models for sustainable agriculture by sharing their farming and marketing experiences.

"Local farmers looking to expand or start their business will



AN UPCOMING course will help beginning and existing farmers gain skills in business planning and important aspects of operating a sustainable business.



WSU CLARK COUNTY Extension will offer a 10-week course, Agricultural Entrepreneurship and Business Planning, designed to help entrepreneurs develop a workable business plan to guide the success and sustainability of their agricultural enterprise.

benefit from the great speakers we have lined up and from the opportunity to create a viable business plan, which is a road map to success, 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 \$100 per farm or family and class size is limited to the first 30 participants. This class series fills up quickly so call Eric Lambert at (360) 397-

6060 ext. 5729 or visit the WSU Clark County Extension events calendar (clark.wsu.edu) for registration details on this terrific learning opportunity. Deadline for registration is Jan. 13.

The classes will be held each Wednesday, 6-9 p.m. from Jan. 15 through March 19.

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.

FYI Online

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- Thanks from Pete Capell

Page 2

- Payroll reminders
- Stop the flu
- Wellness site list
- Healthy Living newsletter
- Blood drive Dec. 16

Page 3

- Small farm business course
- Fruit tree care

Small farm business planning class series

What: 10-week course to help new or existing farmers plan or expand a sustainable business; emphasis on direct marketing, record keeping, financial and legal issues

When: 6-9 p.m. Wednesday, Jan. 15 through March 19

Cost: \$100 per farm or family

Class size: Limit 30

Register: Call Eric Lambert (360) 397-6060 ext. 5729

Registration deadline: Monday, Jan. 13

The Reflector – January 8, 2014 p. C4

WSU Extension opens planning course registration

WSU Clark County Extension will offer a 10-week course, Agricultural Entrepreneurship and Business Planning, designed to help entrepreneurs develop a workable business plan to guide the success and sustainability of their agricultural enterprise.

The course will help beginning and existing farmers gain skills in business planning and important aspects of operating a sustainable business. Special emphasis is placed on direct marketing, record keeping, and financial and legal issues unique to agricultural businesses. Guest speakers include farm marketing specialists, accountants, attorneys, agricultural professionals, and local farm business owners who provide models for sustainable agriculture by sharing their farming and marketing experiences.

"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, which is a road map to success, 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 \$100 per farm or family and class size is limited to the first 30 participants. This class series fills up quickly so call Eric Lambert at (360) 397-6060 ext. 5729 or visit the WSU Clark County Extension events calendar (clark.wsu.edu) for registration details on this terrific learning opportunity. Deadline for registration is Jan. 13.

The classes will be held each Wednesday, 6-9 p.m. from Jan. 15 through March 19.

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.

Appendix I: Small Farm Workshop

Other Publicity

The Reflector, March 5, 2014 - p.A9

WSU conference brings women in agriculture together

The 2014 Women in Agriculture Conference offers women in Washington, Oregon and Idaho a unique opportunity to gather in 28 locations for a 1-day event featuring knowledgeable speakers, inspiring stories, practical advice for improving farm management skills and networking with other women producers.

"Women are uniquely tasked with the demands of both farm and family, which can make travel to one state location a challenge," said WSU Douglas County Extension Director and chair of the conference Margaret Viebrock. "The format of this conference enables us to offer our headline speaker at all locations, while also tailoring the conference content for each region."

This year's event, "Change Happens: Make It An Opportunity," covers topics including farm business decision-making, using financial records to improve the bottom line and problem solving for change.

"Last year nearly 500 women attended," said Viebrock. "Many attendees reported it was one of the best conferences for women producers because it presents practical information they can use right away for handling their finances, communicating with other businesses, networking with other women and improving their business operations."

This year's keynote speaker Heather Darby, a seventh generation owner of the 200-year-old Darby Farm in the Lake Champlain Islands near Al-



HEATHER DARBY

burgh, VT, will share her strategies for success. The 130-acre diversified farm produces a wide array of vegetables and fruit, a small apiary, CSA program, farm stand and operates a custom grazing service for local organic dairies.

Darby will discuss how change has been a constant in her operation presenting her with a variety of opportunities related to financial issues, organizational management, employees, starting a family and handling risk management issues related to weather, prices and work-life balance.

The keynote will be broadcast to all 28 conference loca-

tions. In addition to the keynote address, each location will feature three local women producers who will share their experiences with change.

This conference is designed for women who have been farming for years, as well as for new and aspiring farmers.

The lone Clark County conference will be held at the WSU Extension, located at 1919 NE 78th Street, Vancouver.

The registration fee is \$30. Registration includes the workshop, light breakfast, lunch, handouts and a book.

To learn more, view specific event locations, or to register, visit www.womeninag.wsu.edu.

The Columbian
March 4, 2014 - p.C4

VANCOUVER

Women in Agriculture Conference is March 15

Women in agriculture — from women who have been farming for years to women who aspire to work in agriculture — are invited to the Women in Agriculture Conference, 8 a.m. to 4 p.m. March 15 at the Heritage Farm, 1919 N.E. 78th St.

Women in Washington, Oregon and Idaho will meet at 28 locations to hear advice for improving farm management skills and to network with other women in agriculture.

The keynote address, by Heather Darby, a seventh-generation owner of the 200-year-old Darby Farm in Vermont, will share strategies for her farm's success. Darby's address will be delivered at the main location at WSU in Pullman, but will be broadcast to all 28 locations.

Lorrie Conway from Conway Family Farm in Camas will facilitate the

financial talk that includes learning how to use the SWOT analysis — of strengths, weaknesses, opportunities and threats — as a decision-making tool to look at key financial considerations for taking on a new capital expense.

Local farmers Rachel Reister of Reister Farms and Luisa DePaiva of Purple Rain Vineyard will speak, along with another panelist.

The \$30 cost includes the workshop, light breakfast, lunch, handouts and a book. Register at womeninag.wsu.edu.

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

WORKSHOP & TOUR IMPACT SURVEY

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.)

	<i>Strongly Disagree</i>	<i>Some- what Disagree</i>	<i>Neither Agree or Disagree</i>	<i>Some- what Agree</i>	<i>Strongly Agree</i>	<i>Don't Know / Unsure</i>
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, 2014

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 _____	

Living On the Land

Class Evaluation – M1L1

Small Acreage Program

September 3rd, 2014

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?

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 Caroline
- *Module 3: Water Quality, Wells & Septics, and Streams* – Cary Armstrong, Sean Hawes, Joe Ellingson, and Jeff Whittler
- *Module 5: Pasture & Weed Management* – Ron Hendrickson, Gene Pirelli, and Gary Fredricks
- *Module 6: Caring for your Animals: Animal Management and Wildlife* – Rachel Maggi, Zorah Oppenheimer and Doug Stienbarger
- *Module 7: Business Opportunities* – Chip Bubl
- *Module 8: Stewardship and Tying It Altogether* –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, 24 2014

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>
Knowledge of well and septic maintenance	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Keeping my drinking water healthy	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Protecting my septic system	Before...	1	2	3	4	5
	After...	1	2	3	4	5
How to properly inspect my septic system	Before...	1	2	3	4	5
	After...	1	2	3	4	5
How my management practices impact clean water	Before...	1	2	3	4	5
	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

Drainage Solutions for Small Acreages

Workshop Evaluation

Small Acreage Program

May 28, 2014

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)		<i>Poor</i>	<i>Fair</i>	<i>Average</i>	<i>Good</i>	<i>Excellent</i>
	Before...	1	2	3	4	5
Assessing a site for drainage solutions	After...	1	2	3	4	5
Selecting a drainage solution(s) that fits the site, goals of the property and regulatory requirements	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Installing drainage solutions	Before...	1	2	3	4	5
	After...	1	2	3	4	5
How managing runoff impacts water quality	Before...	1	2	3	4	5
	After...	1	2	3	4	5
What overall score would you give this workshop?		1	2	3	4	5
<i>Workshop evaluation</i>						
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 time on?

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 Garden Delights CSA & Herb Farm September 27, 2014

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 pasture management.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Knowledge of manure management.	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Ways to manage runoff and control mud.	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?

Workshop & Tour Impact Survey

BMP Workshop

We are glad you were able to participate in the «Workshop» Best Management Practice (BMP) workshop on «Date» with the Small Acreage Program. WSU Clark County Extension depends on class participants to provide feedback on our programs. All responses will be kept anonymous. We greatly appreciate your help. Thank you!

First name _____ Last Name _____

1. Did you put in or start using any of the practices discussed at the workshop?

☐ Yes ☐ No

2. If yes, which practices did you put in or start using? (ex: french drain, gutters & downspouts, sacrifice area, manure storage facility, covered manure pile, fenced off stream or wetland, perimeter or cross-fencing pasture, etc.)

3. Have you shared what you learned in this class with anyone else?

☐ Yes ☐ No

4. If yes, who have you shared with? (check all that apply)

☐ Friends ☐ Family ☐ Neighbors ☐ Coworkers

☐ Other (please list) _____ ☐ Other (please list) _____

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

Please return this questionnaire BY June 30 in the stamped, self-addressed envelope provided. Multiple evaluations can be sent together in one envelope. We will follow-up with a reminder telephone call or e-mail.

If you have questions about this survey, call Eric Lambert at 360-397-6060 x5729 (eric.lambert@clark.wa.gov) or Doug Stienbarger x5742 (stiendm@wsu.edu).