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# *Small Acreage Landholder Outreach Program 2010 Annual Report*

Submitted to Clark County Clean Water Program

Submitted by WSU Clark County Extension

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Clark County  
Clean Water Program

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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 25 people in 2010.

The program provided three BMP workshops on managing runoff and protecting soil, in addition to three well and septic workshops. The program conducted three small acreage property tours for 76 participants.

The program also completed one PowerPoint presentation, with voiceover, featuring natural insect control, as well as two video clips on manure management and reducing mug posted to the web. Visitors downloaded 10,256 program factsheets.

## **Task 1 - Best Management Practices (BMPs) Guidelines**

### **Task 1a - Information Resources**

The Coordinator added announcements for BMP workshops, property tours, the Expo, and *Living on the Land* classes to the WSU Extension website calendar (<http://clark.wsu.edu/calendar/index.asp>). The 2009 Annual Report and associated appendices, along with the Small Acreage Expo program and registration form were posted also to the website.

The program tracks website hits and document downloads monthly and compiles quarterly statistics (Table 1). Over 2,185 visitors accessed the program's website throughout the year, including 600 directly via bookmarks. More than 60% of the visitors to the website came during the first and second quarters, likely due to the promotion of the Expo and placement of the event information on the website.

Factsheets on septic maintenance continued to be popular throughout the year. People downloaded the fact sheet, *Save Time and Money - Properly Landscape Your Septic System*, 1,892 times, followed by *Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives* at 1,784 times. *Improving Drainage*, the most popular in the past, was third with 1,134 downloads.

Visitors to the website continued to reflect the downturn in mid-2009, which is consistent with other programs and may be an artifice of changes to the web tracking software. It is expected that WSU will move to Google Analytics in 2011 once websites are converted to a content management format.

### *Issues and Recommendations*

The decreased traffic in latter 2009 and 2010 may be due to tracking software. The program will monitor numbers once the website is tracked by different software, beginning sometime in 2011.

### *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**

<b>Fact sheets</b>	<b>Qtr 1</b>	<b>Qtr 2</b>	<b>Qtr 3</b>	<b>Qtr 4</b>	<b>YTD</b>
Save Time and Money - Properly Landscape Your Septic System	399	753	495	245	1892
Don't Let Your Dollar\$ Go Down the Drain! Septic Tank Additives	375	481	433	495	1784
Keeping Clean Water Clean & Reducing Mud - Improving Drainage	248	305	349	232	1134
How Green is Your Grass? Five Steps to Better Pasture & Grazing Mgmt	191	313	269	242	1015
Protecting Your Investment: Inspecting Your Septic System	165	165	159	139	628
What Can You Do On Your Land? Frequently Asked Questions	151	140	122	128	541
Keeping Clean Water Clean & Reducing Mud: Managing Roof Runoff	101	142	139	136	518
What's Bugging You? Natural Insect Control for Small Acreages	123	123	129	77	452
Do You Qualify For Reduced Property Taxes? Current Use Taxation	97	72	120	109	398
Manure Management: Strategies for Collection, Storage & Disposal	99	94	68	86	347
Reduce Mud and Keep Water Clean: Sacrifice Areas	86	66	80	110	342
Protecting Drinking Water: Simple Tips for Well Maintenance	72	75	86	87	320
Water Quality Self-Assessment for Small Acreages	73	19	52	87	231
Constructing Ponds and Water Features - What Does It Take?	32	46	65	52	195
Small Acreage Landowner Services Directory	61	57	38	13	169
Simple Steps To Protect Your Surface and Well Water	9	33	49	26	117
Best Management Practices for Small Acreages	46	16	15	33	110
Tips On Land & Water Management for Small Acreages in SW WA	27	0	0	12	39
Information on Small Acreage Management - Resource List	0	13	0	11	24
<b>Total Downloads</b>	<b>2355</b>	<b>2913</b>	<b>2668</b>	<b>2320</b>	<b>10256</b>
<b>Other Documents</b>					
2009 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2008 Annual Report and Appendices	n/a	n/a	n/a	13	13
2007 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2006 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2005 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2004 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2003 Annual Report and Appendices	n/a	n/a	n/a	n/a	
2009 Small Acreage Expo Program	150	193	n/a	n/a	343
2009 Small Acreage Expo Registration Form	31	35	n/a	n/a	66
Community Supported Agriculture Brochure	11	17	n/a	n/a	28
Certified Kitchens Fact sheet	0	29	67	69	165
<b>Total Downloads</b>	<b>192</b>	<b>274</b>	<b>67</b>	<b>82</b>	<b>615</b>
<b>Video Clip Views</b>					
Manure Management					242
Reducing Mud on Small Acreages					134
<b>Total Views</b>					<b>376</b>
<b>Website Visitors</b>					
Small Acreage Web Page					
<i>Referred from other sites</i>	349	309	298	221	1177
Direct access/Bookmarked	129	195	99	134	557
BMP Video Web Page					
<i>Referred from other sites</i>	8	11	0	0	19
Direct access/Bookmarked	44	43	0	0	87
Living on the Land Web Page					
<i>Referred from other sites</i>	169	42	84	50	345
Direct access/Bookmarked	0	0	0	0	0
<b>Total Visitors</b>	<b>699</b>	<b>600</b>	<b>481</b>	<b>405</b>	<b>2185</b>

## **Task 1b - Publications**

**PowerPoint.** The program completed one online PowerPoint presentation with voiceover, posted to the website in late summer, titled *Natural Insect Control on Small Farms* (<http://clark.wsu.edu/horticulture/smallAcreageProgram/naturalInsectControl/NaturalInsectControl.htm>). The presentation conveys information regarding the identification and non-chemical management of pest insects commonly found on small acreage properties in Clark County.

**Video Spots.** Two video clips, one featuring methods to manage manure and another outlining methods to reduce mud on small acreages, were finished in 2010 and posted at <http://clark.wsu.edu/horticulture/smallAcreageProgram/BMPVideo.html#>.

Another script was completed for managing riparian areas, but the video were not completed due to the vacancy in the Coordinator's position. Completing the video will be a deliverable for the 2011 scope of work.

**Flying Changes Article.** The program planned to submit an article featuring a local horse boarding facility (also a "clean water" sign property) to *Flying Changes* magazine, but the article was not written due to the vacancy in the Coordinator's position.

### *Deliverables*

While the *Flying Changes* article was not written, the program did finish a web-based PowerPoint presentation and two video clips, although only one was in the scope of work.

### *Issues and Recommendations*

Changes in the deliverables resulted from the departure and three month vacancy in the Coordinator position.

## **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 in fall 2010 which ran from September 1 through November 17. The schedule (Table 2) included changes from fall 2009, including: cutting Rod Swanson's discussion of the new stormwater ordinance, and OSU's Gene Pirelli replaced Lisa Schuchman (NRCS). While 38 people enrolled, 25 participants graduated, including 17 who owned property (there were five family members/spouses attending) and three who did not. Three participants do not yet have property and are taking the course as preparation for buying small acreage property in the future. Over the course of 12 weeks (36 hours of instruction), seven registrants withdrew due to schedule changes, driving distance, or medical reasons, four never showed up to class, and two were from the 2009 LOL class who attended to make-up missed classes.

**Table 2: LOL Class Schedule**

Date	Topic	Instructor(s)
9/1/10	What Do You Have & What Do You Want? Turning Dreams into Reality	<i>Doug Stienbarger</i> , WSU Clark County Extension
9/8/10	What Can You Do? Turning Dreams into Reality	<i>Doug Stienbarger</i> , WSU Clark County Extension
	Clark County Land Use Zoning and Codes	<i>Scott Melville</i> , Clark County Community Development
9/15/10	Managing Animals to Avoid Negative Impacts	<i>Blair Wolfley</i> , WSU Extension
9/22/10	Getting Down and Dirty with Soil	<i>Gordon French</i> , LJC Feeds
9/29/10	What to Do About Weeds?	<i>Ron Hendrickson</i> , Clark County Vegetation Management
10/6/10	How Grass Grows, Pasture Establishment and Renovation	<i>Gene Pirelli</i> , OSU Polk County Extension
10/13/10	Managing Soil to Keep It Productive	<i>Dr. Craig Cogger</i> , WSU Puyallup Extension
10/20/10	Grazing Management	<i>Gary Fredricks</i> , WSU Cowlitz Extension
10/27/10	Watershed Pollution: <i>Hands On Demonstration</i> Clark County Clean Water Program Overview	<i>Cary Armstrong</i> , Clark County Clean Water Program
	Small Farm Business Opportunities	<i>Dr. Charles Brun</i> , WSU Clark County Extension
11/3/10	Protecting Household Drinking Water	<i>Tom Gonzales</i> , Clark County Public Health
	Septic Maintenance	<i>Mike Williams</i> , EverGreen Septic Design, Inc.
11/10/10	Living with Wildlife	<i>Rachel Maggi</i> , Natural Resource Conservation Service
11/17/10	My Place on a Stream	<i>Jen Naas</i> , WSU Clark County Extension
	Focusing on Stewardship: Tying it Together <i>Graduation</i>	<i>Jen Naas</i> , WSU Clark County Extension

Graduates received a small gift and a certificate of completion. When asked why they signed up for the class, participants cited land stewardship, a desire to explore options for their property, improving land utilization, manure composting, pasture management, mud reduction, septic maintenance, livestock care, and general knowledge about small acreage living.

Fifty-six percent of course graduates attended at least 75% of the class sessions and four attended every session (Table 3), a smaller proportion than previous classes which averaged 65% to 88% of graduates attending at least 75% of the sessions. Ten participants did not graduate and attended one to five class sessions.

**Table 3: LOL Attendance**

Classes Attended	# Graduates	As % of Graduates
12	4	16%
11	5	20%
10	5	20%
9	3	12%
8	1	4%
7	4	16%
6	3	12%
<b>Total</b>	<b>25</b>	<b>100%</b>

*Note: Ten participants attended fewer than six classes.*

**Profile of LOL Graduates.** Classes were again held on the Center for Agriculture Science and Environmental Education (CASEE) campus in Brush Prairie, a location reasonably central to small acreage owners throughout Clark County. More participants live in south county this year, but since 2003, more residents come from the northern parts of Clark County (Table 4) which reflects the program's targeted audience: small acreages in the unincorporated areas of Clark

County. The program continues to attract participants from outside of the county (7% since 2003), some of whom may own land in Clark County.

**Table 4: Geographic Distribution of Graduates**

	Location	F03	S04	F04	S05	F05	F06	F07	F08	F09	F10	City Totals
North	Amboy	0	3	4	5	1	3	3	1	2	0	22
	La Center	6	7	4	5	3	6	5	1	0	3	40
	Ridgefield	0	5	2	2	7	2	2	6	3	3	32
	Yacolt	0	6	0	0	1	7	3	0	1	1	19
	Woodland (Clark Co.)	0	0	2	2	1	2	2	3	0	0	12
	<b>Subtotal</b>	<b>6</b>	<b>21</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>20</b>	<b>15</b>	<b>11</b>	<b>6</b>	<b>7</b>	<b>125</b>
Central	Battle Ground	8	14	8	5	4	6	6	7	2	2	62
	Brush Prairie	2	4	5	2	0	0	2	3	4	0	22
	<b>Subtotal</b>	<b>10</b>	<b>18</b>	<b>13</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>6</b>	<b>2</b>	<b>84</b>
South	Camas	1	0	0	1	4	1	1	1	4	2	15
	Vancouver	4	3	2	3	3	2	2	4	5	5	33
	Washougal	2	1	3	0	1	3	6	0	0	4	20
	<b>Subtotal</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>9</b>	<b>11</b>	<b>68</b>
Out of County		0	0	4	2	2	1	0	5	2	5	20
<b>Totals</b>		<b>23</b>	<b>43</b>	<b>34</b>	<b>27</b>	<b>27</b>	<b>33</b>	<b>32</b>	<b>31</b>	<b>23</b>	<b>25</b>	<b>298</b>

Twenty-five graduates (16 owning land) manage 267.4 acres in Clark County (Table 5) in addition to three acres outside Clark County, averaging 17.8 acres in Clark County (including two properties in Woodland-Cowlitz) and 16.9 acres overall, higher than all previous LOL class averages. Average

**Table 5: Graduate Property Characteristics\*\*\***

Characteristics		Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Fall 2006	Fall 2007*	Fall 2008	Fall 2009	Fall 2010 +	Totals
# Graduates		23	43	34	27	27	33	32	31	23	25	<b>298</b>
# Properties		19	33	27	22	24	25	24	23	12	16	<b>225</b>
Ac Owned	Total Acreage*+	132.1	376.8	412.4	317.4	299.1	387.9	323.2	228.9	111.1	267.4	<b>2856.3</b>
	Avg Ac/Property*+	8.3	11.1	15.3	14.4	12.5	15.5	14.7	10.0	9.3	16.7	<b>12.8</b>
	Range (Ac)*+	2.5-35	2.5-82	2.3-80.2	5-68	1-60	1-79	2-41	1.6-49	0.8-45	1-67	
	< = 5 ac	7	13	11	7	7	8	13	12	8	6	<b>92</b>
	>5 - 10 ac	7	13	3	8	9	11	6	3	2	1	<b>63</b>
	>10 - 20 ac	1	5	5	4	4	2	1	6	1	3	<b>32</b>
	> 20 ac	1	3	8	3	4	4	3	2	1	5	<b>34</b>
Yrs On Land	Average	5.8	7.2	8.3	9.2	8.1	12.0	5.4	5.7	6.0	11	<b>7.9</b>
	Range	0.1-8.5	0-34	0-38	0-40	0.3-34	0.1-66	0-17	0-26	0.3-30	0.3-40	
Land with:	Septic System	14	31	25	21	23	24	22	22	10	10	<b>202</b>
	Well	11	27	25	17	21	23	20	16	9	11	<b>180</b>

\*\*\* Understates total since not all graduates completed survey or provided all information.

+ Excludes a 3 ac parcel outside Clark County.

\* Excludes a 100 ac parcel outside Clark County.

length of time residing on their land was higher than all but one previous class at just over 11 years. Half of the graduates (representing 8 of 16 properties) own properties 10 acres or larger.

Sixty-three percent of graduate properties (10 out of 16, not counting spouses) have septic tanks on their property while 69% of properties have potable water wells. Improperly maintained septic tanks pose a potential health risk to residents' drinking water and to aquatic wildlife. Educating landowners on regular maintenance and inspection for their septic tanks helps reduce this risk and protect water quality.

Over half the 2010 graduates use land for pasture, vegetable production, landscape, wildlife habitat, orchard production, and/or lawn. These land uses typically constitute the most common land uses in all the class series (Table 6). Forestland and pasture represent the two largest uses of acreage by the class graduates in 2010, each accounting for 20% of total acreage. Pasture continues to account for the greatest amount of acreage used by graduates in all class series.

**Table 6: Types of Land Use On Graduate Properties**

Land Use	Number of Graduate Properties (Ac)										Total	As % of Graduate Properties
	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Fall 2006	Fall 2007 +	Fall 2008	Fall 2009	Fall 2010		
Vegetable Production	12	26	23	13	17	17	16	17	9	11	161	72%
Orchard Production	7	20	17	10	10	13	15	14	5	10	121	54%
Landscape	12	20	15	10	11	12	9	14	2	4	109	49%
Wildlife	9	21	15	12	12	14	9	12	2	6	112	50%
Lawn	15	27	23	15	18	22	17	13	8	5	163	73%
Pasture	11	19	15	12	17	18	18	19	10	9	148	66%
<i>Acres*</i>	<i>22.5</i>	<i>32.5</i>	<i>73.0</i>	<i>57.5</i>	<i>53.1</i>	<i>65.2</i>	<i>80.5</i>	<i>31.0</i>	<i>7.9</i>	<i>53.7</i>	<i>476.9</i>	
Hay	2	6	8	6	2	3	1	5	2	3	38	17%
<i>Acres*</i>	<i>2.0</i>	<i>39.0</i>	<i>18.0</i>	<i>23.0</i>	<i>5.0</i>	<i>12.0</i>	<i>n/a</i>	<i>51.8</i>	<i>5.0</i>	<i>8</i>	<i>163.8</i>	
Forest	9	22	16	8	10	17	9	9	3	8	111	50%
<i>Acres*</i>	<i>29.0</i>	<i>25.5</i>	<i>30.0</i>	<i>8.0</i>	<i>28.0</i>	<i>116.5</i>	<i>106.3</i>	<i>11.5</i>	<i>15.3</i>	<i>54.6</i>	<i>424.7</i>	

\* Understates total since not all participants listed acreage.

+ One parcel accounts for 52 acres.

Nine graduate households own livestock, while six do not and five did not respond. Livestock consists primarily of poultry (chickens) (Table 7). This class owns the least number of livestock reported since LOL started. Since 2003, poultry, including ducks, chickens, geese, and wild fowl, comprise the most common type of animal owned, followed by alpacas, cattle, and horses. 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 their 2,878 animals.



**Table 7: Numbers of Livestock Owned\***

Animal	F03	S04	F04	S05	F05	F06	F07	F08	F09	F10	Totals
Poultry	86	112	792	65	40	44	44	108	137	86	<b>1514</b>
Alpacas	0	7	90	19	41	0	28	12	81	0	<b>278</b>
Cattle	3	90	23	68	9	43	0	15	0	24	<b>275</b>
Equine	27	28	25	8	53	18	15	21	14	7	<b>216</b>
Goats	3	28	4	0	2	73	21	12	48	16	<b>207</b>
Sheep	0	5	143	0	0	0	8	4	9	2	<b>171</b>
Swine	0	2	13	0	0	9	90	3	0	0	<b>117</b>
Llama	12	0	2	9	7	1	10	4	1	0	<b>46</b>
Rabbits	20	3	0	0	0	0	0	0	6	0	<b>29</b>
Donkey	0	0	2	4	4	2	2	1	0	4	<b>19</b>
Ostrich/ Emu	0	6	0	0	0	0	0	0	0	0	<b>6</b>
<b>Total</b>	<b>151</b>	<b>275</b>	<b>1092</b>	<b>169</b>	<b>152</b>	<b>188</b>	<b>216</b>	<b>179</b>	<b>296</b>	<b>139</b>	<b>2878</b>

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

**LOL Class Evaluations.** Participants evaluated individual class sessions (Table 8) and the 12 week program as a whole (Table 9) (see Appendix F for evaluation forms). On a scale of one to five (five being the highest), participants indicated satisfaction with individual classes, ranking no class lower than 4.1 and most sessions above 4.6. The two highest rated classes continue to be the first soils class presented by Gordon French and grazing management presented by Gary Fredricks.

**Table 8: LOL Evaluation Summary**

Was the lesson:	Inventory 1	Inventory 2	Soils 1	Grass	Soils 2	Water Quality & Business	Grazing	Wildlife	Weeds	Well & Septic	Animals	Streams & Stormwater
Current?	4.5	4.5	4.9	4.7	4.8	4.3	4.9	4.4	4.8	4.8	4.6	4.9
Understandable?	4.3	4.4	4.8	4.7	4.6	4.3	4.9	4.6	4.8	4.7	4.7	4.9
Interesting?	4.1	4.2	4.9	4.4	4.5	4.0	5.0	4.3	4.6	4.7	4.8	4.8
Answer questions?	3.8	4.1	4.8	4.7	4.7	4.3	4.9	4.0	4.7	4.7	4.6	4.8
Learn new things?	3.7	3.9	4.9	4.6	4.8	4.0	4.7	4.0	4.8	4.7	4.4	4.8
Use the info learned?	4.1	4.0	4.9	4.3	4.9	3.6	4.7	4.1	4.8	4.8	4.7	4.9
Worth your time?	4.2	4.3	4.9	4.7	4.9	4.0	4.7	4.1	4.8	4.8	4.6	4.9
<b>Average</b>	<b>4.1</b>	<b>4.2</b>	<b>4.9</b>	<b>4.6</b>	<b>4.7</b>	<b>4.1</b>	<b>4.8</b>	<b>4.2</b>	<b>4.7</b>	<b>4.7</b>	<b>4.6</b>	<b>4.8</b>

When evaluating the entire course, participants stated they learned useful information and the classes answered most of their questions. They also thought the course length was about right, with a few participants suggesting additional topics to cover. Many indicated they would utilize the information learned to change practices on their land, such as installing gutters and implementing other stormwater BMPs, managing weeds, planting native plants, avoiding soil compaction and over grazing, and enhancing wildlife habitat. Many participants also commented they felt much more knowledgeable about general land management practices and they appreciated the resources and tools provided.

**Table 9: Overall LOL Program Evaluation Summary**

Evaluation Question	Average
What overall score would you give this program?	4.9
Did the program series answer most of your questions?	4.6
Did you learn useful information?	4.9
How much will you use this information to change your practices?	4.5
<b>Average</b>	<b>4.8</b>

In general, fall 2010 participants appreciated the information provided, as indicated in their comments below:

“Great classes; very well done.”

“Thank you for this program.”

“[I] finally understand how my septic systems work!”

“Thank you to Doug and everyone involved in presenting this valuable class.”

**Publicity and Promotion.** Participants learned about the class through several different sources (Table 10). About 36% heard through email and the internet, while 24% saw promotions at other Small Acreage Program event. Only 16% learned about the class through local newspapers. The program also promoted the class through individual contacts and other County programs. See Appendix A for announcements, paid advertisements, and flyers.

**Table 10: How Participants Learned About the LOL Class Series**

Source	No.	%
E-mail	7	28%
Small Acreage Events	6	24%
Friends, family, and neighbors	4	16%
Reflector	3	12%
Internet (WSU Ext website, CraigsList)	2	8%
Other (CCEHC Directory, word of mouth, other organizations)	2	8%
Columbian	1	4%
<b>Total</b>	<b>25</b>	<b>100%</b>

#### *Deliverables*

The program completed the *Living on the Land: Stewardship for Small Acreages* 12 week course and graduated 25 people.

#### *Issues and Recommendations*

There are none.

#### **Task 2b - Wells and Septic System Maintenance Workshops**

The program held three workshops for 2010 (Table 11). The first workshop on April 7 at the Clark County Fire & Rescue in Battle Ground drew 33 people out of 42 registered. The second workshop on

June 29 at the Yacolt Fire Department drew 14 participants and the final workshop held at the CASEE Center in Brush Prairie on November 3 drew 32, 12 members of the general public and 20 LOL class members.

**Table 11: Wells & Septics Workshop Attendance & Schedule**

Date	Location	Time	Attendance
April 7	Clark County Fire & Rescue – Battle Ground	6:30 – 9 pm	33
June 29	Yacolt Fire Department – Yacolt	6:30 – 9 pm	14
November 3	CASEE Center – Brush Prairie	6:30 – 9 pm*	32
<b>Total Attendance</b>			<b>79</b>

*\* Workshop as part of Living on the Land class series; members of the public invited, but limited to 15.*

In 2010, Tom Gonzales, Clark County Public Health, presented the wells portion of the program and Mike Williams, EverGreen Septic Design, Inc., presented on septic maintenance (Table 12).

**Table 12: Well and Septic Workshop Agenda**

Time	Topic	Speaker
10 min	<i>Introduction</i>	WSU Clark County Extension
50 min	<i>Protecting Household Drinking Water</i> - Watersheds and water pollution / What Is A Well & How It Works / Testing Drinking Water / Protecting Well Water Supplies	<i>Tom Gonzales</i> , Clark County Public Health
20 min	BREAK	
55 min	<i>Septic System Maintenance and Inspection</i> - Water Pollution / Septic System Failure / System Components / Maintenance Steps & Typical Repairs / Alternate Systems / Safety	<i>Mike Williams</i> , EverGreen Septic Design
15 min	<i>Evaluations</i>	<i>Erin Harwood</i>

The program issued press releases, a paid ad in the Reflector, and e-mails to WSU Clark County Extension listservs. The Coordinator also distributes flyers at all Small Acreage Program workshops and outreach events (Appendix B).

About 25 participants took advantage of free well water tests for coliform counts and appeared pleased to have this opportunity. The program secured reduced test fees from a local lab. Since high coliform counts can indicate a need for well protection, this draws people the class.

Attendees complete a written evaluation to provide feedback and rate the workshops. In general, attendees of the three workshops indicated they appreciated the information provided and positively ranked the sessions, with no ranking below a 4.0 on a scale of 1 to 5 (with 5 being the highest) (Table 13).

Participants' indicated the information provided in the workshops was helpful and their comments were consistent with numerical rankings they assigned:

“[I was] able to get my questions answered.”

“Great, [the workshop provided] specific info given by professionals in their field.”

“Helps a novice land owner to understand the [well and septic] systems better.”

**Table 13: Well and Septic Workshop Evaluation Summary**

Question	April 7	June 29	November 3
Do you intend to use any of this information?	4.7	4.6	4.1
Was this program understandable?	4.7	4.5	4.6
Did the program answer your questions?	4.7	4.8	4.0
Was this program worth your time?	4.7	4.5	4.1
<b>Average</b>	<b>4.7</b>	<b>4.6</b>	<b>4.2</b>
Participants (n)	33	14	32
Evaluations completed	30	13	17
<i>Percent completed evaluations</i>	91%	93%	53%

Attendees also assess their knowledge about topics before and after the workshop, using a scale of one to five: a response of one equals poor, two fair, three average, four good, and five excellent. The difference between participants' knowledge before and after training indicates the change in their knowledge level resulting from information provided by presenters.

When asked to assess their knowledge level about topics before and after the workshop, most respondents indicated an increase of several knowledge levels on the topics provided (Table 14). Seventy-one percent of respondents increased their knowledge about protecting their septic systems by two or more levels, while 74% indicated at least a two level increase in their general knowledge of well and septic maintenance. Overall, at least 75% of respondents increased their knowledge at least one level on all topics.

**Table 14: Well and Septic Workshop - Change in Knowledge Levels\*\***

Knowledge Area	Before and After Knowledge Change (As percent of respondents)					
	Same	1	2	3	4	N (NR)*
Knowledge of well & septic maintenance	5%	21%	46%	28%	0%	39(8)
Keeping my drinking water healthy	7%	46%	27%	17%	2%	41(6)
Protecting my septic system	11%	18%	37%	32%	3%	38(9)
How my management practices impact clean water	25%	35%	28%	13%	0%	40(7)

\*N = number of responses; NR = no response

\*\* Responses for the April and June workshops only.

#### *Deliverables*

The program completed the three planned workshops and did not meet the overall expected attendance.

#### *Issues and Recommendations*

Difficulty keeping knowledgeable and willing speakers may become an issue in 2011. The Coordinator will work to broaden the speaker pool.

## Task 2c - Best Management Practices Workshops

The Coordinator organized three workshops in 2010 which attracted 60 participants (Table 16). To reach a broader small acreage audience and instead of focusing on a particular practice, the Coordinator presented one workshop focusing on BMPs landowners can easily implement on small acreage properties to enhance their lifestyle, be good stewards of the land, and work towards creating a sustainable lifestyle. The workshops provided an overview of BMPs related to soil and water management and protection, while also serving as an introduction to the Small Acreage Expo and Living on the Land class series. The workshops were co-presented by the Coordinator and Clark Conservation District staff.

**Evaluation.** Workshop participants rated the program workshops well with no rating below 4.5 on a scale of one to five, with five being the highest (Table 16).

**Table 16: Evaluation Summary for Workshops\***

	<b>Sustainable Living March 23</b>	<b>Pasture June 26</b>	<b>Fencing July 31</b>	<b>Average</b>
Do you intend to use any of the info provided?	4.7	4.9	4.7	<b>4.7</b>
Did you learn something new or how to do others differently?	4.8	4.9	4.8	<b>4.8</b>
What overall score would you give this event?	4.6	4.5	4.6	<b>4.6</b>
<b>Average</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>	<b>4.7</b>
Participants (n)	15	23	22	<b>60</b>
Evaluations completed ( <i>as %</i> )	15 ( <i>100%</i> )	14 ( <i>61%</i> )	15 ( <i>68%</i> )	<b>44 (<i>73%</i>)</b>

\* Scale of 1 to 5 with 5 being excellent.

Participants also assessed their knowledge about four key topics presented during the *Sustainable Small Acreage Living* presentation, using a scale of one to five: a response of one equals poor, two fair, three average, four good, and five excellent. The difference between participants' knowledge before and after training indicates the relative change in their knowledge level resulting from information provided.

In the sustainable living workshop (Table 17), at least 75% of respondents increased their knowledge by one level or more. Unlike the topic specific workshops, participants in the sustainable living workshop tended to report one or two levels of knowledge gained, ranging from 40% to 91%. This likely stems

**Table 17: Small Acreage Sustainable Living Workshop - Knowledge Change**

<b>Knowledge Area</b>	<b>Before and After Workshop Knowledge Level Change (<i>As percent of respondents</i>)</b>					
	<b>Same</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>N (NR)*</b>
Goal setting and taking a whole property view	25%	42%	33%	0%	0%	12 (3)
Protecting and managing soil on your property	8%	33%	58%	0%	0%	12 (3)
Utilizing drainage to manage and protect water on your property	17%	17%	33%	25%	8%	12 (3)
Controlling invasive plants and using native plants	8%	50%	33%	8%	0%	12 (3)

\*N = number of responses; NR = no response

from the more general nature of workshop where one might expect people to already have some basic knowledge.

The pasture management workshop drew 23 people and focused on pasture management, rotational grazing, and weed identification and control. Visiting a local acreage property in Woodland allowed participants to see grass species, rotational grazing in action, and identify weeds. Gene Pirelli, Oregon State University Extension, presented on pasture management and rotational grazing, while Ron Hendrickson, Clark County Vegetation Management, assisted participants correctly identify weeds and explained how best to control them.

At least 75% of respondents (Table 18) indicated at least a one level increase in knowledge. Participants increased their knowledge most about two topics: how to conduct an inventory of their pastures and setting up a rotational grazing system. Over 60% increased their knowledge two or more levels on these topics.

**Table 18: Pasture Management Workshop - Knowledge Change**

Knowledge Area	Before and After Workshop Knowledge Level Change <i>(As percent of respondents)</i>					
	Same	1	2	3	4	N (NR) *
Keys to general pasture management	8%	38%	23%	8%	23%	13 (10)
Conducting a pasture inventory	17%	17%	42%	17%	8%	12 (11)
Setting up a rotational grazing system	23%	15%	31%	8%	23%	13 (10)
How pasture management practices impact water quality	25%	33%	25%	0%	17%	12 (11)

*\*N = number of responses; NR = no response*

At least 54% of respondents from the fencing workshop reported gaining two or more knowledge levels on in all four topic areas assessed.

**Table 19: Fencing Workshop - Knowledge Change**

Knowledge Area	Before and After Workshop Knowledge Level Change <i>(As percent of respondents)</i>					
	Same	1	2	3	4	N (NR) *
Fencing basics	0%	21%	43%	21%	14%	14 (8)
Using portable fencing for rotational grazing	8%	15%	15%	38%	23%	13 (9)
Setting up watering for rotational grazing	15%	31%	15%	23%	15%	13 (9)
How pasture management & rotational grazing practices impact water quality	15%	31%	15%	23%	15%	13 (9)

*\*N = number of responses; NR = no response*

**Promotion.** The program promoted workshops through paid advertisements, Craigslist advertisements, press releases, e-mails to WSU listservs, and fliers provided at other events (Appendix C).

#### *Deliverables*

The program completed the three proposed BMP workshops attended by 60 people.

### Issues and Recommendations

There are none at this time.

### Task 2d - Outreach Events and Promotional Activities

**Clark Conservation District Plant Sale.** The Clark Conservation District held their annual plant sale February 25 through 27 at the CASEE Center in Brush Prairie where the program provided flyers promoting upcoming events, including workshops, tours, and the Small Acreage Expo.

**Small Acreage Exposition.** Brigands HideOut in Battle Ground hosted the fifth annual *Small Acreage Expo* on Saturday, April 17<sup>th</sup>. Fourteen speakers presented on 15 different topics, including footing materials, installing drainage, rain barrels, and manure composting. Participants selected from four concurrent classes during each session (Table 20). Low registration forced cancellation of one session, Stall Mats for Livestock. Participants received check-in packets of handouts on small acreage property management, a schedule of Expo classes (Appendix D), information on upcoming events, and program promotional materials. The Coordinator arranged for four organizations and three businesses to set up booths or provide informational materials.

**Table 20: Small Acreage Exposition Schedule**

	Time	Session	Title	Speaker(s)
Session A	9:00 to 10:15	A1	Get the Lowdown on Lime	Gordon French, LJC Feeds
		A2	Harvest the Rain with Rain Barrels	Jayne Studer, Watershed Stewards
		A3	Wonderful Worms: Vermicomposting	TBD, Master Composters/Recyclers
		A4	Chainsaw Maintenance and Safety	Suzi Goedert, Amboy Saw and Service
Session B	10:20 to 11:35	B1	Weed Management on Small Acreages	Ron Hendrickson, Clark Co Vegetation Mgmt
		B2	It's All French to Me! Installing Drainage	Seth and Steve Kenworthy, Drainage Masters
		B3	Fertilizing with Manure	Andy Bary, WSU Puyallup
		B4	Backyard Bees Naturally	Jacqueline Freeman, Friendly Haven Rise Farm
nc	11:40 to 12:20		LUNCH w/Dog Herding Demonstrations	Brigands Staff and Volunteers
Session C	12:25 to 1:40	C1	Pasture Evaluation and Assessment	Mark Hufford, NW Solutions
		C2	Control Mud with Footing Materials	Erin Harwood, WSU Clark County Extension
		C3	Stall Mats for Livestock	Sheryl Johnson, Oregon Rubber Mat
		C4	Backyard Chickens	Brenda Wilson, Brenda's Heirloom Hens
Session D	1:45 to 3:00	D1	Pasture Management	Mark Hufford, NW Solutions
		D2	Farm Tour: Management in Action	Nancy Ward, Brigands HideOut
		D3	Conquering Mount Manure	Lisa Schuchman, Clark Conservation District
		D4	Small Farm Business Management	Lorrie Conway, NW Accounting Services



The event attracted 139 attendees, 27 more people than 2007's previous high of 112. Seventy participants submitted evaluations for the event as a whole, a return rate of 50% (Table 21). Door prize tickets were offered once again in exchange for completing evaluations, in an effort to encourage a higher return rate. Respondents rated the program overall an average of 4.7, with no ranking below 4.5 on a scale of one to five, five being the highest. Of those participants that completed an event evaluation, 90% indicated they would recommend the program to others.

**Table 21: Overall Event Program Evaluation**

	Average	N (NR)*
What overall score would you give this event?	4.8	70 (69)
Did the program classes answer most of your questions?	4.6	69 (70)
Did you learn useful information?	4.9	68 (71)
How much will you use this information to change what you do on your land?	4.5	70 (69)
<b>Overall Average</b>	<b>4.7</b>	
Attendance	139	
Evaluations Completed	70	
Percent Returned Evaluations	50%	

\*N = number of responses; NR = no response

**Individual Expo Sessions.** Seven of the individual sessions were evaluated for general program quality only. These sessions were well received, with no session rated below an average of 4.1 on a scale of one to five (Table 22). The sessions on chainsaw maintenance and keeping backyard chickens ranked the highest. Evaluations for the pasture assessment session were not collected, probably because the session took place outside in the pastures.

**Table 22: Small Acreage Expo Individual Session Evaluation Summary+**

Expo Session	Did this session:	Average	N (NR)*
<b>Vermicomposting</b>	Make sense to you?	4.7	19 (33)
	Keep/maintain your interest?	4.6	
	Answer your questions?	4.4	
	<b>Average</b>	<b>4.6</b>	
<b>Chainsaw Maintenance</b>	Make sense to you?	5.0	2 (12)
	Keep/maintain your interest?	5.0	
	Answer your questions?	5.0	
	<b>Average</b>	<b>5.0</b>	
<b>Backyard Bees</b>	Make sense to you?	4.9	19 (42)
	Keep/maintain your interest?	4.9	19 (42)
	Answer your questions?	4.9	17 (44)
	<b>Average</b>	<b>4.9</b>	
<b>Backyard chickens</b>	Make sense to you?	5.0	2 (76)
	Keep/maintain your interest?	5.0	
	Answer your questions?	5.0	
	<b>Average</b>	<b>5.0</b>	
<b>Pasture Mgmt</b>	Make sense to you?	4.2	17 (13)
	Keep/maintain your interest?	4.2	
	Answer your questions?	3.9	
	<b>Average</b>	<b>4.1</b>	
<b>Small Farm Business</b>	Make sense to you?	4.9	10 (38)
	Keep/maintain your interest?	4.9	
	Answer your questions?	4.8	
	<b>Average</b>	<b>4.9</b>	

\*N = number of respondents; NR = estimate of non-respondents, based on registration for each session which may not reflect total attendance in each session.

+ Evaluations were not collected from Pasture Assessment



Participants were asked to assess their change in knowledge on evaluations for selected individual sessions. Due to the open nature of the sessions, participant counts cannot be accurately made and often the evaluations returned are so few that no general interpretations can be drawn.

Respondents from all classes, with the exception of manure management and the farm tour, reported their knowledge levels increased at least one or two levels about most topic areas in the workshops (Table 23). For the participants who responded, the Expo appears to provide information they are interested in and find valuable.

**Table 23: 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	8%	25%	38%	25%	4%	24 (25)
	Utilizing soil tests to determine fertilizer and lime application rates	17%	29%	25%	21%	8%	24 (25)
	Applying lime for soil and pasture health	4%	21%	42%	17%	17%	24 (25)
Rain Barrels	The difference between pervious & impervious surfaces	32%	37%	21%	5%	5%	19 (35)
	Figuring out how much rainwater your home & buildings generate	16%	16%	37%	11%	21%	19 (35)
	How to build & install a rain barrel	0%	24%	24%	33%	19%	21 (33)
Weed ID & Mgmt	Properly identifying problem weeds in Clark county	6%	31%	31%	25%	6%	16 (25)
	Properly utilizing pesticides to control weeds	13%	50%	25%	6%	6%	16 (25)
	Other methods of controlling weeds on your property	6%	38%	38%	13%	6%	16 (25)
Installing Drainage	How to manage roof runoff	6%	17%	44%	22%	11%	18 (16)
	Utilizing french drains and other methods to manage runoff water	0%	16%	42%	26%	16%	19 (15)
	How to build and install a french drain	0%	11%	42%	32%	16%	19 (15)
Fertilizing with Manure	Advantages of utilizing manure as a fertilizer on your property	6%	33%	50%	11%	0%	18 (13)
	How to properly apply manure as a fertilizer	0%	22%	44%	22%	11%	18 (13)
	How to use manure while protecting water quality	0%	28%	50%	22%	0%	18 (13)
Footing Materials	Selecting the right footing materials for your property	0%	29%	24%	12%	35%	17 (20)
	Different footing materials available	6%	35%	18%	18%	24%	17 (20)
	Utilizing footing materials to reduce mud and protect water quality	0%	29%	29%	24%	18%	17 (20)
Farm Tour – Mgmt. in Action	Managing roof runoff on your property	33%	17%	33%	8%	8%	12 (35)
	Reducing & managing mud	33%	25%	25%	8%	8%	12 (35)
	How farm management practices affect water quality	25%	17%	50%	8%	0%	12 (35)
Manure Mgmt.	General manure management	33%	33%	33%	0%	0%	3 (10)
	Composting manure properly	33%	33%	33%	0%	0%	3 (10)
	Proper manure management to protect WQ	50%	0%	0%	50%	0%	2 (11)

\* 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. Ninety-six percent of respondents indicated at least a one level increase in knowledge about how to properly apply lime for soil and pasture health. Gordon continues to provide a high quality presentation that provides the information landowners are looking for.

A shorter and simpler PowerPoint aided Watershed Steward and small acreage landowner Jayme Studer in providing a better presentation this year on rain barrels. All respondents indicated at least one level of knowledge increase about how to install and use rain barrels on their own properties.

Weed identification and management was again presented by Ron Hendrickson of Clark County Vegetation Management. More than 80% of respondents indicated at least one level of knowledge increase in all topics presented by Ron.

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

Andy Bary of WSU Puyallup Research and Extension provided attendees with information about how to best compost and utilize manure as a fertilizer on small acreage properties while protecting water quality. All respondents indicated at least one level of knowledge increase about this topic. Andy's experience providing education and outreach presentations also led to all respondents indicating at least one level of knowledge increase about how to properly apply manure as a fertilizer.

The Coordinator created and presented a new talk on selecting and utilizing different footing materials to reduce mud. All respondents indicated at least a one level increase in knowledge about selecting the right footing material for their situation and also about how using footing materials can reduce mud and protect water quality.

Brigands HideOut owner Nancy Ward once again provided participants with a tour of the BMP's she has implemented on the property to manage roof runoff, reduce mud, and protect water quality. More than 60% of respondents indicated an increase of at least one level for all these topics.

Lisa Schuchman from the Clark Conservation District provided a presentation on manure management. Lisa noted to the Coordinator that only three people attended her workshop, so she conducted a question and answer session in lieu of the full PowerPoint presentation. This may be why several respondents did not show much change in their knowledge levels.

Return rates for all sessions were low, a trend throughout the years the Expo has been held. A possible solution to this might be to provide tickets for the door prizes to participants for every evaluation they turn in. Thus, the more evaluations they turn in, the greater their chance of winning a prize. The Coordinator will examine doing this for next year's event.

**Expo Promotion.** The Coordinator distributed flyers at outreach events and workshops, sent e-mails to all WSU Extension listservs, and posted the Expo program and registration on the WSU Extension and Small Acreage web pages. A mailing was also sent to the Small Acreage mailing list, promoting the Expo along with several other upcoming events to keep costs down. Paid advertisements were placed

in *The Reflector* and *Camas-Washougal Post Record* in early April. Press releases were submitted to all local media (Appendix D).

**Veterinarian and Farrier Outreach.** The Coordinator created an insert listing upcoming events for the Small Acreage Program promotional brochure. The program sent these brochures in late June, along with a cover letter, to local veterinarians and farriers to provide to their clients. Due to the departure of the Coordinator, no follow-up with these contacts except to distribute the Small Acreage BMP calendar at their offices and to their clients. The new Coordinator will pursue these contacts in 2011.

**Harvest Celebration.** The 12<sup>th</sup> annual Clark County Harvest Celebration took place on Saturday September 18<sup>th</sup> from 10 am to 3 pm. The event showcased 10 farms, including three merit sign properties. Promotion included the WSU Extension website with a Google Map featuring participating farms, e-mail lists, and press releases, but press coverage was poor. This likely resulted in a lower attendance, although slightly higher than in 2009 (Table 24). Each of the four clean water signage farms displayed a poster highlighting the BMP's they have implemented on their properties.

**Table 24: 2010 Harvest Celebration Attendance**

Farm	Visitors	Multiple Farm Visitors
Compass Rose Alpacas *	47	8
Northwest Organic Farms	307	
Creative Outlet Farm	60	35
HalfMoon Farm	51	44
Scented Acres	70	29
Storytree Farm *	32	90
Bi-Zi Farms	23	37
Kunze Farms	23	23
Livingston Mountain Alpacas *	17	
Linda's Dahlias & More	35	3
<b>Total</b>	<b>665</b>	<b>269</b>

*\* Farms with clean water signage.*

**Clark County Horse Expo.** Due to the departure of the Coordinator and the different skills of the new Coordinator, planning for the 2011 Horse Expo was not completed. As the Coordinator learns the program, this program will participate in 2012 if an event is held.

#### *Deliverables*

All the deliverables were met except the Clark County Horse Expo and parts of veterinarian outreach.

#### *Issues and Recommendations*

The program will plan on participation in a possible 2012 Horse Expo and the Coordinator will pursue increased contact with veterinarians.

## Task 2e - Outreach Database

The Coordinator continues to utilize returned mail from the first quarter mailings to update the Small Acreage database. The listserv is updated as needed, based on sign-ups received at outreach events, workshop and class registrations, and removal requests.

### *Deliverables*

The outreach database and e-mail listserv were updated throughout the year as needed.

### *Issues and Recommendations*

There are none.

## Task 3 - Model Small Acreage Properties

### Task 3a - Property Tours

The program promoted tours through flyers at program events, the listserv, a paid advertisement, a listing on Craigslist, and press releases (Appendix E).

**Spring Tour.** The first small acreage tour took place March 27 at GreenGate Farm, owned by Kelly O'Neill. Nineteen people toured the five acre horse property in Battle Ground, looking at runoff management, footing materials, subdivided pastures, and manure management.

**Summer Tour.** The second tour took place Saturday June 12 at Conway Family Farms, owned by Lorrie and Sean Conway. Forty-one participants toured the five acre farm property, looking at manure management, rotational grazing, pasture irrigation and management, and runoff management. The tour concluded with an optional visit to the farm's small farm stand featuring products made from their goats, sheep, and various horticultural crops.

**Fall Tour.** Friendly Haven Rise Farm hosted the last tour on October 23 for 16 participants. This farm uses biodynamic processes and demonstrated pasture management, composting, and roofwater management to attendees.

### **Evaluation.**

Participant evaluations (76% response) ranked the tours well with an overall average score of 4.6 on a scale of one to five, with five being the highest (Table 25). No topic rated lower than 4.3.

**Table 25: Evaluation Summary for Small Acreage Tours**

	March 27	June 12	October 23	Total
Do you intend to use any of this information?	4.5	4.6	4.3	<b>4.7</b>
Did you learn something new or how to do other differently?	4.3	4.9	4.8	<b>4.7</b>
What overall score would you give this tour?	4.3	4.6	4.7	<b>4.5</b>
<b>Average</b>	<b>4.4</b>	<b>4.7</b>	<b>4.6</b>	<b>4.6</b>
Participants	19	41	16	<b>76</b>
Evaluations Completed	12	30	16	<b>58</b>

When asked to assess what they learned during the tour (Table 26), over 89% of respondents increased their knowledge about pasture and manure management at least one level. Fifty-seven percent increased the knowledge about pasture management two or more levels. An unusually high number (40%) reported they did not learn anything new about how management practices impact water quality, although over a third (36%) increased their knowledge by two more levels.

**Table 26: Small Acreage Tour Participant Knowledge Change**

Knowledge Area	Before and After Tour Knowledge Change (As percent of respondents)					
	0	1	2	3	4	N (NR) *
Knowledge of pasture management	11%	33%	39%	14%	4%	57 (19)
Knowledge of manure management	8%	47%	27%	10%	7%	59 (18)
Controlling and managing runoff	25%	44%	23%	5%	4%	57 (19)
How management practices impact water quality	40%	25%	18%	11%	7%	57 (19)

\*N = number of responses; NR = no response

Tour participant comments focused on how the practical application of management methods helped inspire them to make changes on their land:

“[The most informative part of the tour was] learning about pasture rotation and manure composting.”

“[It was great to see] the practical application of concepts learned earlier [at another class]. [It was a] good review of things forgotten!”

“[I appreciated] being able to see [practices] as we went along.”

“[I will work on] redirecting [the] drainage from my shelter area.”

“[It was great to see] how 5 acres can be efficiently and effectively managed.”

“[I plan to change my] pasture management. It was great seeing things in practice.”

“[I plan to implement] mud control and pasture rotation.”

#### *Deliverables*

Three of four tours were completed. Due to the departure of the Coordinator, a tour planned for early October was cancelled since the farm had not been finalized by the Coordinator’s departure.

#### *Issues and Recommendations*

There are none.

### **Task 3b - Signage Recognition**

**Merit Signage.** The Coordinator highlights the signage program at all property tours and BMP workshops. Requests for participation in the program are also solicited at the Expo and all other

outreach events. Although the Coordinator contacted two landowners about the program during the first and second quarters, they did not wish to participate.

**Calendar.** This calendar for 2011 is intended to highlight the merit sign properties and their practices through distribution to local feed stores and veterinarians. The former Coordinator provided the first calendar draft before leaving her position. At that point, a DES AmeriCorps with the Sustainability and Outreach Division took over the lead on this project. The AmeriCorps member guided the calendar through editing into a final version.

The new Coordinator hired in late November distributed 400 calendars to feed stores and veterinarian clinics throughout Clark County.

#### *Deliverables*

The program completed the calendar with significant help from the DES AmeriCorps member.

No merit properties were signed in 2010.

#### *Issues and Recommendations*

Identifying potential property owners who might be interested and qualified for signage remains the largest impediment to this aspect of the program. While the program advertises to those participating in program events, this does not reach many of the small property owners in the county. Developing an effective outreach strategy for these property owners remains elusive. Additionally, some property owners hesitate to have their property evaluated by the Coordinator. The Coordinator will examine promotional methods that allay these concerns, including an informational brochure to promote this part of the program.

### **Task 4 – Small Farms Outreach**

While other partners fund water quality related education and outreach, WSU Clark County Extension funds small farm outreach to help address a gap in educational support available to local farmers.

#### **Task 4a - Agricultural Entrepreneurship**

The program organized an *Agricultural Entrepreneurship and Business Planning* class series based on classes in 2008 and 2009. The schedule closely matched the original 2008 schedule, with the addition of two farmers as speakers (Table 27). Participants learn about business planning, marketing methods and opportunities, and how to develop or expand a small farm business, producing a completed business plan by the last class and present their business plan to the class on the final evening. Farmers and small business people serve as guest speakers, bringing valuable practical experience to the class. The ten-week class series began January 12 and ended March 16.

While thirty-six people registered, 22 participants with 15 properties (two leased) attended seven of the ten classes, meeting the graduation requirement (Table 28). Ten of the original 36 participants withdrew from the class series due to time conflicts and issues with work. The remaining four participants were unable to attend as many sessions as they planned. Car troubles, time conflicts, work, and illnesses led to their inability to attend.

**Table 27: Agricultural Entrepreneurship Course Schedule**

Date	Topic	Instructor(s) & Guest Speakers
Jan 12	Introduction - Business Planning Basics, <i>Vision, goals &amp; mission statement</i>	Erin Harwood, WSU Clark County Extension
Jan 19	Product and Industry Description; <i>Research Methods</i> ; Business Structures	Marianne Bash, WSU Vancouver Library, and Matt Bisturis, Schwabe, Williamson and Wyatt
Jan 26	Market Analysis: Consumer Trends; From Vine to Wine	Jim Julian, OSU Extension, Guest Speaker: Michele Bloomquist
Feb 2	Marketing: The 5 P's; Managing & Marketing the Small Family Farm	Erin Harwood, Lorrie Conway, Conway Family Farms
Feb 9	Marketing: Direct Marketing Options; The Changing Family Farm	Erin Harwood, Bill Zimmerman, Bi-Zi Farms
Feb 16	Management and Operations: Tax Reporting & Payroll; A Small Family CSA Farm	Barb Funk, BG Business and Tax Service, Anne Lawrence, Storytree Farm
Feb 23	Management and Operations: Insurance and Risk Management	Kris Greene, Country Companies, and John Nelson, Western Center for Risk Management Education, WSU Extension
Mar 2	Management and Operations: Regulations; Making It Work: Tips & Tricks of the Trade	Mike Tokos and Ken Knittle, WSDA Food Safety, David Knaus, Fresh Earth Gardens
Mar 9	Financing: Record Keeping & Basic Budgets	Lorrie Conway, CPA
Mar 16	Graduation Celebration; Present finished business plans	Students

**Table 28: Agricultural Entrepreneurship Attendance**

Classes Attended	# Participants	As % of Participants
10	8	31%
9	7	27%
8	3	12%
7	4	15%
6	1	4%
5	1	4%
4	2	8%
3	0	0%
2	0	0%
1	0	0%

Eleven (50%) graduates currently run small farm businesses on their property, including livestock boarding, breeding livestock sales, produce, and farm and landscaping services. Fifty-nine percent of the graduates come from south Clark County, five percent from north Clark County, 23% from central Clark County, and 14% from Oregon (Table 29).

Overall, participants rated classes well, with no average score below 4.0 on a scale of one to five, with five being highest (Table 30). Participant comments indicate they enjoyed the course sessions and learned valuable information for planning their business:



**Table 29: Agricultural Entrepreneurship Graduate Geographic Distribution**

Area	City/Town	Graduates	Area
North	Amboy		1
	La Center	1	
	Ridgefield		
	Woodland		
	Yacolt		
Central	Brush Prairie	3	5
	Battle Ground	2	
South	Camas	1	13
	Vancouver	11	
	Washougal	1	
Out of State	Oregon	3	3

**Table 30: Agricultural Entrepreneurship Evaluation Summary**

	Planning Basics	Product/ Industry	Market Analysis	Marketing I	Marketing II	Taxes & Payroll	Risk Mgmt.	Regulation	Budgeting
Use any of this info?	4.2	4.9	4.3	4.3	4.5	4.8	4.1	4.4	4.6
Learn something new?	4.3	4.6	4.3	4.3	4.4	4.4	4.7	4.3	4.4
Overall score give session?	4.1	4.5	4.2	4.3	4.3	4.1	4.0	3.4	4.6
<b>Average</b>	<b>4.2</b>	<b>4.7</b>	<b>4.3</b>	<b>4.3</b>	<b>4.4</b>	<b>4.4</b>	<b>4.3</b>	<b>4.0</b>	<b>4.5</b>

“It is very informative to the new farmer.”

“This was an amazingly helpful and inspiring class series! Exactly what I have been looking for!”

“I really appreciated meeting others with similar business endeavors.”

“[It was] much better than I expected! I learned about starting a farm the right way.”

“We will implement most of what we have learned.”

Throughout the course, participants were asked at the end of each class to assess their change in knowledge of the night’s topics before and after the class (Table 31). The number of evaluations submitted by participants dropped off quickly after the second week of class. 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.

For all sessions, at least 44% of respondents indicated one or more levels of change in knowledge. For the Risk Management and Insurance session, 100% of respondents indicated at least one increase in knowledge level regarding tools for managing risk in their small farm business. In that same class session, 90% of respondents indicated at least one level of knowledge change for two other topics: identifying risks in operating a farm business and liability insurance options for farm businesses.



**Table 31: Agricultural Entrepreneurship Knowledge Change Evaluation Summary**

Class Session	Knowledge Area	Before and After Knowledge Change (As percent of respondents <sup>+</sup> )					
		Same	1	2	3	4	N (NR)
<b>Business Planning Basics</b>	Importance of business planning	56%	28%	17%	0%	0%	18 (6)
	Components of a business plan	22%	50%	28%	0%	0%	18 (6)
	How to develop your business' mission statement	28%	39%	28%	6%	0%	18 (6)
	Identifying & prioritizing your business goals	22%	44%	33%	0%	0%	18 (6)
<b>Product &amp; Industry Description</b>	Creating a product/service description	47%	27%	20%	7%	0%	15 (9)
	Researching the industry of your selected farm business	0%	44%	50%	6%	0%	16 (8)
	Range of business organizational structures available	38%	31%	13%	19%	0%	16 (8)
	Determining the structure appropriate for your farm business	29%	12%	29%	29%	0%	17 (7)
<b>Market Analysis</b>	Identifying consumer preferences, values and demographics	33%	8%	33%	17%	8%	12 (10)
	Evaluating your potential market	33%	17%	50%	0%	0%	12 (10)
	Identifying the value of your product/service	42%	8%	50%	0%	0%	12 (10)
	Resources for assessing your market plans	25%	25%	17%	17%	17%	12 (10)
<b>Market Options</b>	Direct marketing alternatives available	22%	22%	44%	11%	0%	9 (12)
	Advantages & disadvantages of direct marketing options	22%	22%	44%	11%	0%	9 (12)
	Intermediary (non-direct) options	22%	33%	33%	11%	0%	9 (12)
	How to add value to a farm product	11%	33%	33%	22%	0%	9 (12)
<b>The 5 P's</b>	How to effectively price your product/service	36%	36%	27%	0%	0%	11 (13)
	Determining what type of packaging works best for your product/service	45%	27%	18%	9%	0%	11 (13)
	Different methods of promoting your product/service	36%	27%	36%	0%	0%	11 (13)
	Common pricing strategy mistakes	55%	18%	18%	0%	9%	11 (13)
<b>Taxes &amp; Payroll</b>	Registering your business w/ appropriate agencies	22%	44%	22%	11%	0%	9 (11)
	Getting appropriate licenses for your farm business	22%	44%	33%	0%	0%	9 (11)
	Worker's compensation for farm businesses	44%	11%	44%	0%	0%	9 (11)
	Taxes farm businesses are required to pay	22%	22%	44%	11%	0%	9 (11)
<b>Risk Management &amp; Insurance</b>	Liability insurance options for farm businesses	10%	20%	20%	50%	0%	10 (13)
	Identifying risks in operating a farm business	10%	40%	10%	40%	0%	10 (13)
	Crop insurance options available	22%	33%	33%	11%	0%	9 (14)
	Tools for managing risk when running your business	0%	57%	14%	29%	0%	7 (16)
<b>Regulations</b>	Key regulations for farm businesses in Washington	25%	13%	25%	38%	0%	8 (11)
	How to find regulations that apply to your specific farm business	0%	63%	38%	0%	0%	8 (11)
	Who to contact for inspections for licensing/regulations	13%	25%	38%	0%	25%	8 (11)
	Getting your farm to meet regulations	25%	25%	38%	13%	0%	8 (11)
<b>Finances &amp; Record keeping</b>	How to complete a breakeven or sensitivity analysis	25%	50%	0%	25%	0%	8 (10)
	How to create a cash budget	50%	38%	13%	0%	0%	8 (10)
	Adding your cash budget to the sensitivity analysis	33%	33%	17%	0%	17%	6 (12)
	Creating a basic budget and chart of accounts	43%	14%	43%	0%	0%	7 (11)

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

Overall, this session had the greatest percent knowledge change across the topics. A new speaker from the WSU Western Risk Management Center in Spokane provided participants with a good overview of strategies to avoid and manage risk.

Participants were asked to fill out a survey at the final class, evaluating the entire class series (Table 32). Ten responded (75% of the 22 graduates). Overall they ranked the class well, rating the series a 5.0 on a scale of one to five, five being highest. They also indicated the series answered most of their questions while also providing them with information that will be useful and helpful with their farm business. Most respondents felt the series was just about right in length, while one felt it was too short. The response rate of less than 50% is likely due to the last class running over time, so that many participants left without filling out the final class survey. One participant mailed their survey in after the class was completed.

**Table 32: Overall Agricultural Entrepreneurship Evaluation Summary**

	Average
What overall score would you give this series?	5.0
Did the class series answer most of your questions?	4.8
Did you learn useful/helpful information?	4.9
How much will you use this information to help shape your agricultural business?	4.5

#### *Deliverables*

The program completed the proposed 11 week class series, *Cultivating Success: Agricultural Entrepreneurship and Business Planning*, graduating 22 people.

#### *Issues and Recommendations*

There are none at this time.

### **Task 4b – Water Rights Workshop**

To address a need for farmers and other landowners to gain information about water rights law in Washington, the Coordinator planned a facilitated a workshop on water rights in conjunction with Washington Rivers Conservancy (WRC). The workshop was held on May 15 at Clark College. WRC regularly hosts workshops on water rights in the state, and offers speakers at no cost for workshops. The lawyer from WRC provided an hour-long talk on the basics of water rights in Washington. The lawyer stayed to participate on a discussion panel with two local farmers and a staff member from Department of Ecology.

Although 44 people registered, 31 registrants actually attended. Those who attended ranked the workshop an average of 4.7 on a scale of one to five, with five being the highest (Table 33).

**Table 33. Water Rights Workshop Evaluation Summary**

	Average	N (NR)
Do you intend to use any of this info?	4.6	23 (8)
Did you learn something new or how to do other diff?	4.7	23 (8)
What overall score would you give this workshop?	4.7	18 (13)
<b>Average</b>	<b>4.7</b>	
Participants	31	
Evaluations Completed	24 (77%)	

*\*N = number of responses; NR = no response*

Participants were also asked to assess their change in knowledge before and after the workshop (Table 34). Ninety-five percent of the respondents increased their knowledge of what a water right is by one or more levels. There was still some confusion regarding whether their property or operation needed a water right, but still 80% increased their knowledge level on this topic by at least one level or more.

**Table 34: Water Rights Workshop Knowledge Change**

Knowledge Area	Before and After Workshop Knowledge Change <i>(As percent of respondents)</i>					
	0	1	2	3	4	N (NR) *
The basic definition of a water right	5%	23%	23%	23%	27%	22 (9)
Ability for residents to get a water right in WA state	19%	0%	19%	29%	33%	21 (10)
Your farm operation/small ac property needs water right	20%	10%	20%	35%	15%	20 (11)
How much water you can legally use from your private well	24%	10%	24%	19%	24%	21 (10)

\*N = number of responses; NR = no response

The participant's comments indicated they gained valuable information from the workshop:

"Mary is an excellent and very clear speaker; complex info was presented very well. Now [I] know about [the] Washington Water Project and trust. [The] farmers on [the] panel were excellent!"

"I enjoyed the practical ideas and case histories of solving problems of conflicts between well supplied neighbors."

#### *Issues and Recommendations*

There are none at this time.

### **Task 5 - AmeriCorps Placement**

The Small Acreage Program Coordinator and the Watershed Stewards Program Coordinator collaborated on a proposal to hire an AmeriCorps member for the 2010-2011 program year. The AmeriCorps member started her service in late August, but due to personal reasons, she quit the program in early October before making progress on her scope of work.

#### **Deliverables**

The AmeriCorps member made little progress on designated tasks before leaving.

#### **Issues and Recommendations**

The early departure of the AmeriCorps member left several projects incomplete. The two programs have tentatively received a another AmeriCorps service member for 2011.

## Task 6 - Impact Evaluation and Project Reporting

### Task 6a - Evaluation

**Workshop Evaluation.** The Coordinator tracks attendance for all classes, workshops, and tours. All attendees are requested to fill out evaluations (Appendix F) 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.

**Information Requests.** The Coordinator answers telephone and walk-in requests for information and assistance during the year. Requests generally involve soil testing, mud control and reduction, septic maintenance, weed control, pasture management, rotational grazing, and manure management. The Coordinator provides individuals relevant publications along with invitations to upcoming classes and workshops of interest.

### Impact Evaluation

**Overview.** The program developed a survey in 2004 designed for former participants in the *Living on the Land* series to determine what, if any, impacts occurred 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. All graduates through 2008 have been surveyed after they had at least one summer (good weather) to implement BMPs on their properties. The most recent group to be contacted includes graduates of the Fall 2008 class series. After initial mailings, staff followed-up with non-responders by email and/or telephone. Graduates from 2009 were sent surveys in early December and non-responders will be contacted after the first of the year to increase the response rate. Unfortunately, the statistical analysis of entered graduate data has not yet been analyzed due to the inability of the Director to find the week necessary to perform the analysis.

**Response.** As outlined in Table 35, 210 LOL participants returned the survey for an overall response rate of 84%. The class of Fall 2008 returned the least (74%) while the fall class of 2005 returned the most (92%). The initial analysis in 2006 analyzed the 119 responses received; the brief summary below uses the data from all responses through 2008.

**Analysis.** The Director cleaned up the data set through 2008 data (corrected for data entry errors and consistency, added coding descriptors), converted data into the statistics program (SPSS), and ran frequencies and descriptive statistics (such as crosstabs to determine significant relationships between variables).

*Initial summary.* Living on the Land 12 week class series (graduated 298 people through 2010 owning at least 2085 ac): LOL graduated 25 people owning 272 acres in 2009. Through 2008, with an 84% response from graduates, participants implemented 463 BMPs on at least 1733 acres affecting at least 897 livestock (excluding poultry). All graduates shared what they learned with over 2,321 other people.

**Table 35: 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%	2%	16	3	19	83%	8%	23	9%
Spring 04	0	8	19%	3%	26	9	35	81%	14%	43	17%
Fall 04	0	4	12%	2%	25	5	30	88%	12%	34	14%
Spring 05	1	4	15%	2%	19	3	22	81%	9%	27	11%
Fall 05	1	2	7%	1%	20	4	24	89%	10%	27	11%
Fall 06	0	3	9%	1%	25	5	30	91%	12%	33	13%
Fall 07	0	5	16%	2%	21	6	27	84%	11%	32	13%
Fall 08	1	7	23%	3%	18	5	23	74%	9%	31	12%
<b>Total</b>	<b>3</b>	<b>37</b>		<b>15%</b>	<b>170</b>	<b>40</b>	<b>210</b>		<b>84%</b>	<b>250</b>	<b>100%</b>

Over 30% of households tested their soil, 60% of respondents with septic systems inspected their system, and 55% of households with wells tested them, all as a result of what they learned. Over 87% thought the class was a good use of their Clean Water fee.

Initial analysis also indicates there is a statistically significant increase in knowledge of graduates about the major topics presented: pasture, mud, manure, weed, soils, and runoff management, as well as how management practices impact water quality.

#### *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.

#### *Issues and Recommendations*

Data from 2009 will be entered and the entire set will be analyzed. The impact study analysis needs to be written and the results reported. This will require one-two weeks of time in 2010 by the Director. Although there have been long delays in providing this product due to time constraints, the Director remains committed to finishing this write-up.

### **Task 6b - Reporting**

#### *Deliverables*

All quarterly reports and the 2010 annual report were submitted by the Director.

#### *Issues and Recommendations*

The impact analysis has been consistently delayed. It is difficult to set aside the time to check and correct data entry as needed, import into SPSS, perform data computations, analyze, and report the

analysis. Since only the Director can do this analysis using SPSS, he will continue to try to block out the time necessary to complete the analysis.

**Table 36: Summary Table for 2010**

Program Elements			2010 Goals	Qtr 1	Qtr 2	Qtr 3	Qtr 4	YTD	% 2010 Goals
<b>Best Management Practices (Task 1)</b>	Information Resources	Materials added to reference files	ongoing	1	1			2	
		Post links and resources to website	ongoing	1	1			2	
		Track Web site visitors		699	600	481	405	2,185	
		Track web site document downloads		2,355	2,913	2,668	2,320	10,256	
	Publications	Video spot on web	1		1	1		2	200%
		Web powerpoint presentation	1			1		1	100%
		Article for Flying Changes magazine	1					0	0%
<b>Public Outreach and Education (Task 2)</b>	LOL Class Series	LOL session	1				1	1	100%
		Graduation	30				25	25	83%
	Well & Septic Workshops	Well & septic workshops	3		2		1	3	100%
		Attendance	45		47		14	61	136%
	BMP Workshops	BMP Workshops	3	1	1	1		3	100%
		Attendance	60	15	23	22		60	100%
	Outreach Events & Promotional Activities	Revise & maintain speaker's list	ongoing	1	1			2	
		Small Acreage Exposition	1		1			1	100%
		Attendance	75		139			139	185%
		Clark Conservation District Plant Sale	1	1				1	100%
		Home and Garden Idea Fair	1	1				1	100%
		Veterinarian and farrier outreach	1		1			1	100%
		WSU Harvest Celebration	1			1		1	100%
		Attendance				665		665	
		Additional Events as identified						0	
	Outreach Database	Maintain and update database	ongoing	1	1			2	
<b>Model Properties (Task 3)</b>	Property Tours	Conduct tours	4	1	1		1	3	75%
		Attendance	60	19	41		16	76	127%
	Signage Recognition	2010/2011 BMP and property calendar	1				1	1	100%
		Enroll new properties and install signs	8					0	0%
<b>Small Farms (Task 4)</b>	Agricultural Entrepreneurship	10 week course	1	1				1	100%
		Graduation	15	22				22	147%
	Workshop	Water rights workshop	1	1				1	100%
		Attendance	30	31				31	103%
<b>AmeriCorps (Task 5)</b>	Promote merit properties								0%
	Realtor outreach								0%
<b>Impact Evaluation and Project Reporting (Task 5)</b>	Evaluation	Workshop evaluations	12	4	5	1	2	12	100%
		Requests for assistance		20	17	23	22	82	
		Impact evaluation of graduates	1				1	1	100%
	Reporting	Quarterly Reports	3	1	1			2	67%
		Annual Report	1				1	1	100%

## Appendix A: Living on the Land Class Series

### **PUBLICITY & PROMOTION**

PRESS RELEASE SAMPLE

PAID ADVERTISEMENTS

LOL HALF PAGE FLYER

### **LOL EVALUATION SUMMARIES**

LOL INDIVIDUAL CLASS EVALUATION SUMMARY  
FALL 2010

LOL PROGRAM EVALUATION SUMMARY  
FALL 2010

LIVING ON THE LAND SAMPLE PRESS RELEASE

**For Immediate Release**

August 19, 2010

Contact: Erin Harwood  
WSU Extension Clark County  
Tel: 360-397-6060 ext. 7720  
Fax: 360-397-6122

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

Brush Prairie, WA – Would you like to learn how to reduce mud and weeds, improve soil quality, grow better pastures, attract wildlife, keep your animals healthy, and reduce chore time? Join us for the twelve week *Living on the Land – Stewardship for Small Acreages* series of workshops sponsored by WSU Clark County Extension, and Clark County Environmental Services Clean Water Program.

The series provides a basic, overview understanding of soil, water, plant and animal interactions on small acreage properties. Participants are provided with simple and practical tips on how to best manage their property for themselves, their animals, and the environment. “This course covers the issues landowners must address when trying to manage their land. *Living on the Land* teaches small acreage landowners management practices that will improve their property,” says Doug Stienbarger, Director of WSU Clark County Extension.

**“Living on the Land - Stewardship for Small Acreages”**  
Wednesdays, September 1 to November 17, 2010 - 6:30 to 9:30 PM

**Registration is free but class size is limited; deadline for registration is August 31<sup>st</sup>.** Please call Erin Harwood at 360-397-6060 ext. 7720 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 prior to the event.

###



LIVING ON THE LAND PAID ADVERTISEMENTS

THE CAMAS-WASHOUGAL POST RECORD  
AUGUST 17, 2010 AND AUGUST 24, 2010

# Got Acreage? .....

## Do You Want to.....

Reduce chore time?

Reduce mud?

Make your property look  
better?

Improve your animals'  
well-being?

Enhance your soils and  
pasture?

Protect your drinking  
water and streams?

Properly store & compost  
manure?

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

**Fall 2010 classes meet Wednesday nights  
September 1 - November 17**

**6:30 - 9:30 p.m.**

**PRE-REGISTRATION REQUIRED  
CLASS SIZE LIMITED**

**Call (360) 397-6060 x7720  
to register or for  
more information.**



**Sponsored by:**

**WSU Clark County Extension**

**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.**

LOL HALF PAGE FLYER

## Live on Acreage?

**Reduce chore  
time!**

**Reduce Mud!**

**Properly store &  
compost manure!**

**Make your  
property look  
better!**

**Improve the well-  
being of your  
animals!**

**Enhance your  
soils and pasture!**

**Protect your  
drinking water  
and streams!**

## Living On The Land Workshop Series

Beginning Sept. 1, 2010

Wednesday nights, 6:30-9:30 PM

- ~ Twelve-week series
- ~ Earth friendly practices to improve your land
- ~ Bring home lots of ideas & reference materials!



Space is limited to first 40 people!

**PRE-REGISTRATION REQUIRED**

Call (360) 397-6060 ext. 0 to register or for more information

Jointly Sponsored By:

WSU Clark County Extension ~ Clark County Clean Water Program ~ Clark Conservation District

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.

**LOL INDIVIDUAL CLASS EVALUATION SUMMARY  
FALL 2010**

<b>Module 1, Lesson 1</b>		<b>9/1/10</b>					
<b>Inventory</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Doug Stienbarger WSU Clark Co Ext	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?				9	10	4.5
	Understandable?	1		1	9	9	4.3
	Presented in an interesting way?		2	4	4	9	4.1
	Did the program answer all the questions you had?		3	5	3	8	3.8
	Did learn new things?	1	2	5	7	5	3.7
	Will you use the information learned?		2	1	11	6	4.1
	Was this program worth your time?			3	9	7	4.2
<b>29</b> Participants							<b>4.1</b>
<b>20</b> Evaluations Completed		3 hours					
<b>87</b> contact hours		69% % evals complete					

<b>Module 1, Lesson 2</b>		<b>9/8/10</b>					
<b>Inventory</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Doug Stienbarger WSU Clark Co Ext Scott Melville Clark Co Community Developme	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?			2	3	9	4.5
	Understandable?			1	6	7	4.4
	Presented in an interesting way?			3	5	6	4.2
	Did the program answer all the questions you had?			5	2	7	4.1
	Did learn new things?		1	3	6	4	3.9
	Will you use the information learned?			4	6	4	4.0
	Was this program worth your time?			2	5	6	4.3
<b>27</b> Participants							<b>4.2</b>
<b>14</b> Evaluations Completed		3 hours					
<b>81</b> contact hours		52% % evals complete					

<b>Module 6, Lesson 2</b>		<b>9/15/10</b>					
<b>Managin Animals</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Mud & Manure Mgmt Blair Wolfley WSU Southern District Ext	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?			1	3	10	4.6
	Understandable?			1	3	11	4.7
	Presented in an interesting way?				3	12	4.8
	Did the program answer all the questions you had?			1	3	10	4.6
	Did learn new things?			2	5	7	4.4
	Will you use the information learned?				5	10	4.7
	Was this program worth your time?			1	3	10	4.6
<b>28</b> Participants							<b>4.6</b>
<b>15</b> Evaluations Completed		3 hours					
<b>84</b> contact hours		54% % evals complete					

<b>Module 2, Lesson 1</b>		<b>9/22/10</b>					
<b>Soil Evaluation</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Gordon French LJC Feeds	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?				1	16	4.9
	Understandable?				3	14	4.8
	Presented in an interesting way?				1	16	4.9
	Did the program answer all the questions you had?				4	13	4.8
	Did learn new things?				2	15	4.9
	Will you use the information learned?				1	16	4.9
	Was this program worth your time?				1	16	4.9
<b>30</b> Participants							4.9
<b>17</b> Evaluations Completed		3 hours					
<b>90</b> contact hours		57% % evals complete					

<b>Module 5, Lesson 2</b>		<b>9/29/10</b>					
<b>Weed Management</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Ron Hendrickson Clark County Vegetation Mgmt	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?				3	10	4.8
	Understandable?				3	10	4.8
	Presented in an interesting way?			1	3	9	4.6
	Did the program answer all the questions you had?				4	9	4.7
	Did learn new things?				3	10	4.8
	Will you use the information learned?				2	11	4.8
	Was this program worth your time?				3	10	4.8
<b>25</b> Participants							4.7
<b>13</b> Evaluations Completed		3 hours					
<b>75</b> contact hours		52% % evals complete					

<b>Module 5, Lesson 1 &amp; 4</b>		<b>10/6/10</b>					
<b>Pasture Management and Renovation</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Gene Pirelli OSU Polk Co Ext	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
	Current, up to date?				3	6	4.7
	Understandable?				3	6	4.7
	Presented in an interesting way?			2	1	6	4.4
	Did the program answer all the questions you had?				3	6	4.7
	Did learn new things?				4	5	4.6
	Will you use the information learned?			2	2	5	4.3
	Was this program worth your time?				3	6	4.7
<b>25</b> Participants							4.6
<b>9</b> Evaluations Completed		3 hours					
<b>75</b> contact hours		36% % evals complete					

<b>Module 2, Lesson 2</b>		<b>10/13/10</b>					
<b>Soil Management &amp; Fertility</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Dr. Craig Cogger WSU Puyallup		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
Was this lesson:							
Current, up to date?					2	8	4.8
Understandable?				1	2	7	4.6
Presented in an interesting way?				2	1	7	4.5
Did the program answer all the questions you had?					3	7	4.7
Did learn new things?					2	8	4.8
Will you use the information learned?					1	9	4.9
Was this program worth your time?					1	9	4.9
<b>19</b> Participants							<b>4.7</b>
<b>10</b> Evaluations Completed		3 hours					
<b>57</b> contact hours		53% % evals complete					

<b>Module 5, Lesson 2</b>		<b>10/20/10</b>					
<b>Grazing</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Gary Fredricks WSU Cowlitz Co Ext		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
Was this lesson:							
Current, up to date?					1	6	4.9
Understandable?					1	6	4.9
Presented in an interesting way?						7	5.0
Did the program answer all the questions you had?					1	6	4.9
Did learn new things?					2	5	4.7
Will you use the information learned?					2	5	4.7
Was this program worth your time?				1		5	4.7
<b>13</b> Participants							<b>4.8</b>
<b>7</b> Evaluations Completed		3 hours					
<b>39</b> contact hours		54% % evals complete					

<b>Module 3, Lesson 1</b>		<b>10/27/10</b>					
<b>Water Quality</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Cary Armstrong Clark Co Clean Water		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
Was this lesson:							
Current, up to date?				1	4	3	4.3
Understandable?				1	4	3	4.3
Presented in an interesting way?				2	4	2	4.0
Did the program answer all the questions you had?				1	4	3	4.3
Did learn new things?				2	4	2	4.0
Will you use the information learned?			2	1	3	2	3.6
Was this program worth your time?			1		4	2	4.0
<b>20</b> Participants							<b>4.1</b>
<b>8</b> Evaluations Completed		3 hours					
<b>60</b> contact hours		40% % evals complete					

<b>Module 3, Lesson 2 &amp; 3</b>		<b>11/3/10</b>					
<b>Wells &amp; Drinking Water</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Tom Gonzales	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
Clark Co Public Health	Current, up to date?				4	13	4.8
	Understandable?				5	12	4.7
<b>Septic Maintenance</b>	Presented in an interesting way?				5	12	4.7
Mike Williams	Did the program answer all the questions you had?			1	3	13	4.7
Evergreen Septic Design	Did learn new things?				5	12	4.7
	Will you use the information learned?				4	13	4.8
	Was this program worth your time?				3	14	4.8
<b>20</b>	Participants						4.7
<b>17</b>	Evaluations Completed	3 hours					
<b>60</b>	contact hours	85% % evals complete					

<b>Module 6, Lesson 3</b>		<b>11/10/10</b>					
<b>Wildlife</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Rachel Maggi	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
WA NRCS	Current, up to date?			1	3	4	4.4
	Understandable?				3	5	4.6
	Presented in an interesting way?			2	2	4	4.3
	Did the program answer all the questions you had?	1	1		1	5	4.0
	Did learn new things?	1	1		1	5	4.0
	Will you use the information learned?		2		1	5	4.1
	Was this program worth your time?		2		1	5	4.1
<b>15</b>	Participants						4.2
<b>8</b>	Evaluations Completed	3 hours					
<b>45</b>	contact hours	53% % evals complete					

<b>Module 3, Lesson 4</b>		<b>11/17/10</b>					
<b>My Place on a Stream &amp; Sustainability</b>		<b>low</b>			<b>high</b>		<b>Average</b>
Jen Naas	Was this lesson:	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
WSU Clark Co Ext	Current, up to date?				1	7	4.9
	Understandable?				1	7	4.9
	Presented in an interesting way?				2	6	4.8
	Did the program answer all the questions you had?				2	6	4.8
	Did learn new things?				2	6	4.8
	Will you use the information learned?				1	7	4.9
	Was this program worth your time?				1	7	4.9
<b>15</b>	Participants						4.8
<b>8</b>	Evaluations Completed	3 hours					
<b>45</b>	contact hours	53% % evals complete					



LOL PROGRAM EVALUATION SUMMARY  
FALL 2010

Overall Program Evaluation		11/17/10					
		low			high		Average
		1	2	3	4	5	
Overall score?					1	12	4.9
Answer most of your questions?					5	8	4.6
Did you learn useful information?					1	12	4.9
How much will you use information to change practices?					6	7	4.5
							4.8
		Too short		About right		Too long	Average
The program series was:			1	6	4	2	3.5
<p><b>15</b> Participants</p> <p><b>13</b> Evaluations Completed</p> <p><b>45</b> contact hours</p> <p>3 hours</p> <p>87% % evals complete</p>							

## Appendix B: Well & Septic Maintenance Workshops

PROMOTIONAL FLYER SAMPLE

DIRECT MAILING

PRESS RELEASE SAMPLE

PAID ADVERTISEMENT SAMPLE

OTHER PUBLICITY



WELL AND SEPTIC MAINTENANCE WORKSHOP PROMOTIONAL FLYER SAMPLE

# Don't lose precious dollars down the drain!

Attend one of these FREE workshops and learn how to properly maintain your septic system, prevent costly repairs, and protect your drinking water from contamination.



## **FREE!** Maintenance of Wells & Septic Systems for Homeowners

<u>Date</u>	<u>Location</u>	<u>Time</u>
April 7, 2010	Clark County Fire & Rescue Station 26 - Dollars Corner 21609 NE 72 <sup>nd</sup> Avenue Battle Ground	6:30 - 9 pm
June 29, 2010	Yacolt Fire Station 404 S. Parcel Avenue Yacolt	6:30 - 9 pm
November 3, 2010	CASEE Center 11104 NE 149 <sup>th</sup> Street Brush Prairie	6:30 - 9 pm

**Free well water testing for bacteria is available to attendees.  
See reverse for details.**

**Class Size Limited. Call 397-6060, extension "0" to register**

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



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

WELL AND SEPTIC MAINTENANCE WORKSHOP DIRECT MAILING

# Got Acreage?

If you answered YES! then these programs might  
work for you ...and they are FREE!

## Sustainable Small Acreage Living Workshop

Tuesday, March 23<sup>rd</sup>

6:30 to 8:30 pm

Brush Prairie, WA

Learn to create an efficient property layout, protect natural resources, establish property management goals, manage water on your property, protect soil and improve its fertility, reduce chore time, and save money.

## Small Acreage Tour: GreenGate Farm

Saturday, March 27<sup>th</sup>

10 am to 12 pm

Battle Ground, WA

Come see unique manure disposal, pasture rotation, interesting guttering, and mud reduction. Learn how the owners run a small horse business. Gain valuable ideas for your property and take home great reference materials.

## Well & Septic Maintenance Workshop

Wednesday, April 7<sup>th</sup>

6:30 to 8:30 pm

Battle Ground, WA

Learn from local experts how to properly maintain your septic system, prevent costly repairs, and protect your drinking water from contamination. Connect with local experts to have your questions answered.

**PRE-REGISTRATION REQUIRED ~ Space is limited!**

Call (360) 397-6060 ext. 0 to register for any event and for directions

**All events sponsored by the Small Acreage Program**

A joint  
partnership of:



Additional event support provided by the Clark Conservation District and Clark County Public Health

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.

WELL AND SEPTIC MAINTENANCE WORKSHOP PRESS RELEASE SAMPLE  
RELEASED  
MARCH 31, 2010; JUNE 16, 2010; AND OCTOBER 14, 2010

**For Immediate Release**

March 31, 2010

Contact: Erin Harwood  
WSU Extension Clark County  
[erin.harwood@clark.wa.gov](mailto:erin.harwood@clark.wa.gov)  
Tel: 360-397-6060 ext. 7720  
Fax: 360-397-6122

**Maintenance of Wells and Septic Systems for Homeowners – FREE Workshops!**

**Keep your money from going down the drain!!**

Wednesday April 7, 2010  
6:30 to 9:00 PM  
Clark County Fire & Rescue  
Dollars Corner Station  
21609 NE 72<sup>nd</sup> Avenue  
Battle Ground, WA

Brush Prairie, WA – Want to learn how to protect your well and drinking water while also learning how to properly maintain your septic system? Participants at these free workshops will receive helpful reference materials, tips on maintenance, inspection, and how to avoid costly repairs and save money.

Co-sponsored by WSU Clark County Extension and the Clark County Clean Water Program, this workshop features experts from Clark County Public Health and Ever Green Septic Design to answer questions and provide advice to homeowners.

Free well water testing for bacteria is available when attending the workshop. Arrangements must be made at least one week in advance of the workshop to receive free well water testing.

**Registration is free but class size is limited**, please call 360-397-6060 ext. 0 to register and for more information on the well water testing.

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

###

WELL AND SEPTIC MAINTENANCE WORKSHOP PAID ADVERTISEMENT SAMPLE  
THE REFLECTOR

MARCH 30, 2010 PAGE A13; JUNE 23, 2010 PAGE A11; AND OCTOBER 27, 2010

Don't lose  
precious dollars  
down the drain!



Attend this FREE workshop and learn how to properly maintain your septic system, prevent costly repairs, and protect your drinking water from contamination.

**Maintenance of Wells & Septic Systems for Homeowners**

**FREE!** Wednesday, April 7, 2010  
6:30 to 9:00 pm  
Clark County Fire & Rescue - Dollars Corner  
21609 NE 72<sup>nd</sup> Avenue  
Battle Ground

**Class Size Limited. Call 397-6060, extension "0" to register and for information**

*Sponsored by WSU Extension Clark County, Clark County Clean Water Program, and Clark County Public Health.*

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

WELL AND SEPTIC MAINTENANCE WORKSHOP Other Publicity  
THE REFLECTOR  
MARCH 31, 2010 PAGE A12

**WELL AND SEPTIC SYSTEM** maintenance for homeowners will be the topic of a workshop Wed., April 7, 6:30-9 p.m., at Clark County Fire & Rescue, 21609 NE 72nd Ave., Battle Ground, offered by WSU Clark County Extension, Clark County Clean Water Program. Free workshop on inspection and maintenance tips, avoiding costly repairs. Free well water testing available when attending workshop when arrangements made one week in advance. Class size limited. 397-6060, ext. 0.

## Appendix C: BMP Workshops

PRESS RELEASE SAMPLE

WORKSHOP FLYER SAMPLES

PAID ADVERTISEMENTS

CRAIGSLIST ADVERTISEMENT



BMP WORKSHOPS PRESS RELEASE SAMPLE

RELEASED

MARCH 11, 2010; JUNE 1, 2010; AND JUNE 9, 2010

**For Immediate Release**

March 11, 2010

Contact: Erin Harwood  
WSU Extension Clark County  
Tel: 360-397-6060 ext. 7720  
Fax: 360-397-6122  
E-mail: [erin.harwood@clark.wa.gov](mailto:erin.harwood@clark.wa.gov)

**Free Workshop Offered on Sustainable Small Acreage Living**

Brush Prairie, WA – Join the Small Acreage Program for a free workshop that will provide tips, suggestions, and ideas on how to create a more sustainable small acreage property. The workshop will provide information on managing roof runoff, composting, soil improvement, protecting streams and drinking water, along with other tips and tricks to reduce chore time and save you money.

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

Erin Harwood, Program Coordinator says, "This workshop will provide residents living on acreage properties with ideas for how to reduce mud, protect their drinking water, and save time and money."

**"Sustainable Small Acreage Living"**

Tuesday March 23, 2010  
6:30 to 8:30 PM  
CASEE Center  
11104 NE 149<sup>th</sup> Street  
Brush Prairie, WA 98606

**Registration is free but class size is limited, so pre-registration is highly recommended.** Please call 360-397-6060 ext. 0 to register, 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 Clark County Extension at (360) 397-6060 ext. 0 at least two weeks prior to the event.* ###


BMP WORKSHOP HALF PAGE FLYER SAMPLE

# Sustainable Small Acreage Living

**FREE!**

Space is limited!  
**PRE-REGISTRATION REQUIRED**  
Call (360) 397-6060 ext. 0 to register

Tuesday March 23, 2010  
6:30 pm to 8:30 pm  
Brush Prairie, WA



**Learn to:**

- ✓ Reduce chore time and save \$\$
- ✓ Create an efficient property layout
- ✓ Protect natural resources
- ✓ Develop whole property management strategy
- ✓ Establish property management goals
- ✓ Identify local resources and opportunities

**Jointly Sponsored By:**  
WSU Clark County Extension  
Clark County Clean Water Program  
Clark Conservation District

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.



BMP WORKSHOP FULL PAGE FLYER SAMPLE



# Pasture and Fencing Workshops

Only \$5 each -  
includes lunch!

Join us for these two workshops  
to learn valuable tips and ideas to  
improve your pastures!



## Greener Pastures

Saturday  
June 26<sup>th</sup>  
9 am to 1 pm

- ~ Simple steps to create quality pastures
- ~ Increasing grass yield to reduce feed costs
- ~ Learn about pasture renovation
- ~ Identifying harmful weed species
- ~ Controlling weeds



## Good Fences Make Good Pastures

Saturday  
July 31<sup>st</sup>  
9 am to 1 pm

- ~ Setting up rotational grazing
- ~ Fencing types and options
- ~ Fencing safety for you & your animals
- ~ Designing and building fences
- ~ Setting up watering for rotational grazing

**PRE-REGISTRATION REQUIRED ~ Space is limited!**

Call (360) 397-6060 ext. 0 to register for any workshop

Jointly sponsored by:



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.

BMP WORKSHOP PAID ADVERTISEMENTS  
THE REFLECTOR MARCH 17, 2010

## Sustainable Small Acreage Living

**Tuesday March 23, 2010  
6:30 - 8:30 pm**

**CASEE Center  
11104 NE 149th Street  
Brush Prairie, WA**

**PRE-REGISTRATION REQUIRED**  
Call WSU Clark County Extension at 360-397-6060 ext. 0  
to register, for directions or more information.

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

### Learn to:

- Protect natural resources
- Develop a whole property management strategy
- Identify local resources and opportunities
- Reduce chore time and save \$\$
- Establish management goals
- Create an efficient property layout

### Jointly Sponsored By:

WSU Clark County Extension  
Clark County Clean Water Program  
Clark Conservation District

THE REFLECTOR JUNE 16, 2010 PAGE A17

## Grow Greener Pastures

**Saturday June 26, 2010  
9:00 am - 1:00 pm**

**Zumstein Family Farm  
Woodland, WA**

**Hands-on workshop  
Only \$5 -  
includes lunch!**



**PRE-REGISTRATION REQUIRED**  
Call WSU Clark County Extension at 360-397-6060 ext. 7720  
to register, for directions, or more information.

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

### Learn to:

- ~ Improve pastures & reduce feed costs
- ~ Inventory your pastures: hands-on!
- ~ Identify common forage grass species
- ~ Increase grass yields
- ~ Reduce feed costs
- ~ Reduce weeds

### Jointly Sponsored By:

WSU Clark County Extension  
Clark County Clean Water Program  
Clark Conservation District

CRAIGSLIST ADVERTISEMENT

**Got acreage? FREE workshop: Sustainable Small Acreage Living**

**Got acreage and need some suggestions?  
Join us for a free workshop to get ideas!**

**Sustainable Small Acreage Living**

Tuesday March 23, 2010

6:30 to 8:30 pm

CASEE Center

11104 NE 149<sup>th</sup> Street

Brush Prairie, WA

Join the Small Acreage Program for a free workshop that will provide tips, suggestions, and ideas on how to create a more sustainable small acreage property. The workshop will provide information on managing roof runoff, composting, soil improvement, protecting streams and drinking water, along with other tips and tricks to reduce chore time and save you money.

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

**Registration is free, but class size is limited.** Registration is available online: or by calling 360-397-6060 ext. 0. See our website for more information on the Small Acreage Program: <http://clark.wsu.edu/horticulture/smallAcreageProgram.html>

*Extension programs and employment are available to all without discrimination. Evidence of noncompliance may be reported through your local Extension office.*

## Appendix D: Outreach Events and Promotional Activities

### **HOME AND GARDEN IDEA FAIR**

POSTER

### **SMALL ACREAGE EXPO**

PROMOTIONAL FLYER

REGISTRATION FORM

PROGRAM HANDOUT

PRESS RELEASE

PAID ADVERTISEMENT SAMPLE

MAILING



HOME AND GARDEN IDEA FAIR POSTER

# Small acreage Program

## Got Acreage?

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

- Living on the Land: Stewardship for Small Acreages
- Workshops: Learn practices to improve your property by attending workshops on well and septic maintenance, manure composting, mud management, pasture management, and many other topics!
- Property Tours: Visit local small acreage properties to see management practices in action and exchange ideas with other landowners.

The Small Acreage Program is a joint program of WSU Clark County Extension and the Clark County Clean Water Program.



For more information about the Small Acreage Program, visit <http://clark.wsu.edu/horticulture/SmallAcreageProgram.html> or call (360) 397-6060 ext. 7720.



SMALL ACREAGE EXPO PROMOTIONAL FLYER

# Got Acreage?

Come to the Clark County 5<sup>th</sup> Annual  
Small Acreage Expo!

Registration **FREE!**  
Lunch available for \$10



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



## Topics Include:

- Chainsaw Maintenance & Safety
- Installing A French Drain
- Weed ID & Management
- Pasture Management
- Backyard Chickens
- Backyard Bees
- Rain Barrels

Saturday April 17, 2010  
9 am to 3 pm  
Brigands HideOut Farm  
Battle Ground, WA

PRE-REGISTRATION REQUIRED  
Call WSU Clark County Extension at  
360-397-6060 ext. 0  
Reserve your space by April 14!

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

**Jointly sponsored by:**



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.



SMALL ACREAGE EXPO REGISTRATION FORM



# 5<sup>th</sup> Annual Clark County Small Acreage Expo

Saturday April 17, 2010      Brigands HideOut Farm  
9:00 am to 3:00 pm      Battle Ground, WA

Please select only one class from each session

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

Door Prizes,  
Vendors, and  
Much More!

<b>Session A</b>	<b>A1</b>	Get the Lowdown on Lime	<b>Session C</b>	<b>C1</b>	Pasture Evaluation & Assessment
	<b>A2</b>	Harvest the Rain with Rain Barrels		<b>C2</b>	Footing Materials for Mud Reduction
	<b>A3</b>	Wonderful Worms: Vermicomposting		<b>C3</b>	Selecting & Installing Stall Mats
	<b>A4</b>	Chainsaw Maintenance & Safety		<b>C4</b>	Backyard Chickens
<i>Dog Herding Demonstrations During Lunch!!</i>					
<b>Session B</b>	<b>B1</b>	Weed Management	<b>Session D</b>	<b>D1</b>	Pasture Management & Improvement
	<b>B2</b>	Installing Drainage for Mud Reduction		<b>D2</b>	Farm Tour - Managment in Action
	<b>B3</b>	Fertilizing with Manure		<b>D3</b>	Conquering Mount Manure
	<b>B4</b>	Backyard Bees Naturally		<b>D4</b>	Small Farm Business Management

For more information, contact:  
Small Acreage Program  
(360) 397-6060 x7720

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

Detach Here

Mail Registration to:  
WSU Extension Small Acreage Program  
11104 NE 149th Street, C-100  
Brush Prairie, WA 98606

**Make checks for lunch payable to: Clark County**

Jointly Sponsored By:



Clean Water Program

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

**Pre-registration required.  
Reserve your space by  
April 14, 2010**

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


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

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




# SMALL ACREAGE EXPO PROGRAM HANDOUT

Saturday April 17, 2010  
9:00 am to 3:00 pm




5<sup>th</sup> Annual  
**Clark County  
Small Acreage Expo**


Brigands HideOut Farm  
9802 NE 156<sup>th</sup> Street  
Battle Ground, WA



Jointly Sponsored By:



Clark County  
Clean Water Program



WASHINGTON STATE UNIVERSITY  
CLARK COUNTY EXTENSION

## Welcome to the 2010 Clark

Thank you for coming to the fifth annual Clark County Small Acreage Expo. We hope you enjoy yourself today and take home valuable tips and ideas for managing your property!


Expo Schedule	
Registration & Check-In	8:30 - 9:00 AM
Session A	9:00 - 10:15 AM
Session B	10:20 - 11:35 AM
Lunch/ Dog Herding Demos	11:40 - 12:20 PM
Session C	12:25 - 1:40 PM
Session D	1:45 - 3:00 PM
Evaluations for Door Prizes	3:00 - 3:15 PM
Door Prize Drawings	3:15 PM

Be sure to fill out and submit an evaluation for a chance to win some great door prizes!

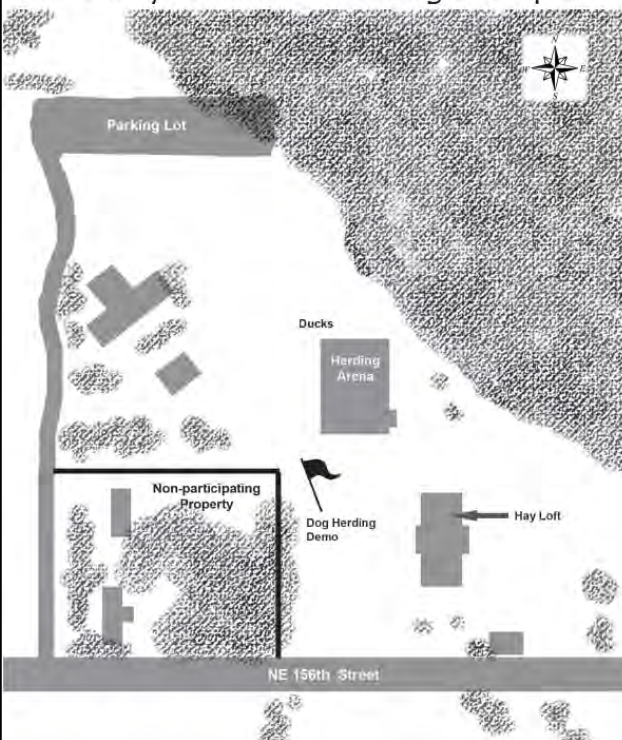
- ✓ Pasture Management Kits
- ✓ Rain barrel
- ✓ Chainsaw
- ✓ And much more!!!

Door prize drawings in Herding Arena at 3:15 pm!

Thank You to Our Event Host



## County Small Acreage Expo!



Parking Lot

Ducks

Herding Arena

Non-participating Property

Dog Herding Demo

Hay Loft

NE 156th Street

**Get the Lowdown on Lime**  
*Gordon French, LJC Feeds*

**Session A** 9:00 - 10:15 am

**A1** 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!

**Herding Arena NW Corner**

**Harvest the Rain with Rain Barrels**  
*Jayne Snider, Watershed Stewards*

**A2** Learn to utilize all that liquid sunshine we receive for your garden, animals, and plants. Jayne will show how to set up rain barrels, and share her own experiences with using rain barrels on her alpaca and sheep farm in Camas.

**Herding Arena SE Corner**

**Wonderful Worms: Vermicomposting**  
*Joan Veach, Master Composter/Recyclers*

**A3** The MCR speaker will provide an overview of how redworms can be used to efficiently to compost many different materials, from kitchen scraps to manure. Learn how you can turn your trash into black gold!

**Hay Loft**

**Chainsaw Maintenance and Safety**  
*Suzi Goedert, Amboy Saw and Service*

**A4** Learn how to safely and properly maintain your chainsaw. Get trouble shooting tips and ideas for how to keep your chainsaw in tip top shape for use around your small acreage property.

**Herding Arena Tents Outside**

**Session B**  
10:20 - 11:35 am

- B1** **Weed Management on Small Acreages**  
*Ron Hendrickson, Clark County Vegetation Management*  
Learn to identify and control plants that don't belong in your pastures and may harm your animals. Ron will discuss how to win the fight against noxious, invasive, and poisonous plants.  
**Herding Arena SE Corner**
- B2** **It's all French to Me! Installing Drainage**  
*Seth & Steve Kenworthy, Drainage Masters*  
Got mud? Seth will provide you with directions on 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 reduce mud around your home and outbuildings.  
**Herding Arena Tents Outside**
- B3** **Fertilizing with Manure**  
*Andy Bary, WSU Puyallup*  
Join Andy to see how you can use the manure from your animals to fertilize your pastures and keep them lush and green, and grow great vegetable gardens. Find out the best time to apply manure, how to limit water contamination, and the difference between raw and composted manure.  
**Herding Arena NW Corner**
- B4** **Backyard Bees Naturally**  
*Jacqueline Freeman, Friendly Haven Rise Farm*  
Have you thought about starting a small beehive on your property? Jacqueline will cover the basics of getting started, and natural ways to manage pests and diseases.  
**Hay Loft**

**Session C**  
12:25 - 1:40 pm

- C1** **Pasture Evaluation and Assessment**  
*Mark Hufford, NW Solutions*  
Mark will show you how to evaluate and assess your pasture, identify grass varieties, and discuss how to make a plan for improving your pastures.  
**Herding Arena SE Corner**
- C2** **Control Mud with Footing Materials**  
*Erin Harwood, WSU Clark County Extension*  
Erin will cover the different types of footing materials that are available for reducing mud in and around your barn and outbuildings. Learn how to select the right material for your situation, how to maintain them to extend their life, and save money.  
**Herding Arena NW Corner**
- C3** **Stall Mats for Livestock**  
*Sheryl Johnson, Oregon Rubber Mat*  
Learn how to select, install, and maintain stall mats in your barn. Find out the many advantages of stall mats including reducing your bedding use and saving you money over the long term.  
**Herding Arena Tents Outside**
- C4** **Backyard Chickens**  
*Brenda Wilson, Brenda's Hetrloom Hens*  
Learn what it takes to keep a small flock in your backyard on your acreage property. Brenda will cover the basics of getting started, natural ways to handle diseases and pests, and the wonderful benefits of chickens.  
**Hay Loft**

**Session D**  
1:45 - 3:00 pm

- D1** **Pasture Management**  
*Mark Hufford, NW Solutions*  
Too many weeds, not enough grass? Mark will show you how to look at your pasture management with a critical eye and provide you with some simple management strategies for improving your grass and forage production.  
**Herding Arena SE Corner**
- D2** **Farm Tour: Management In Action**  
*Nancy Ward, Brigands HideOut*  
Join Nancy for a tour of Brigands HideOut to see what's been done to reduce mud, manage manure, and protect nearby Salmon Creek while reducing chore time and improving the look of the farm.  
**Herding Arena Tents Outside**
- D3** **Conquering Mount Manure**  
*Lisa Schuchman, Clark Conservation District*  
Join Lisa to learn how you can manage your mountain of manure. Learn some economical ways to compost and use the manure you have as well as ways to get rid of it. Find out how to rent the Conservation District's manure spreader for FREE!  
**Herding Arena NW Corner**
- D4** **Small Farm Business Management**  
*Lorrie Conway, Northwest Accounting Services*  
Interested in starting a small farm business? Have an idea and not sure how to get started? Lorrie will cover the basics of licenses, business planning, and record keeping.  
**Hay Loft**

Event sponsors

The Small Acreage Program provides outreach to residents on how to manage issues such as mud and manure management, fencing and pasture management, wells and septic system maintenance. The Small Acreage program helps residents by giving them the knowledge and skills necessary to manage their land and animals, improve their property and save money.

Small Acreage Program  
11104 NE 149th St. C-100  
Brush Prairie, WA 98606  
erin.harwood@clark.wa.gov  
(360) 397-6060 x 7720  
<http://clark.wsu.edu/horticulture/smallAcreageProgram.html>



The Clean Water Program is administered by Clark County to safeguard the quality of our water and comply with the federal Clean Water Act. The program's primary activities include stormwater capital improvements, water quality monitoring, public education and outreach, regulations and enforcement, and stormwater maintenance.

Clark County Public Works - Water Resources  
Clean Water Program  
1300 Franklin St.  
Vancouver, WA 98660  
(360) 397-6118 x 4345  
<http://www.clark.wa.gov/water-resources/index.html>



Check out the WSU Clark County Extension calendar of events for classes, workshops, and other events of interest.

<http://clark.wsu.edu/calendar>

Thanks to:

Nancy Ward and her staff of Brigands HideOut for hosting this event.

All of our speakers, vendors, and volunteers.

WSU Extension programs and employment are available to all without discrimination. Evidence of noncompliance may be reported through your local Extension office.

SMALL ACREAGE EXPO PRESS RELEASE SAMPLE

**For Immediate Release**

March 25, 2010

Contact: Erin Harwood  
WSU Extension Clark County  
Tel: 360-397-6060 ext. 7720  
Fax: 360-397-6122  
E-mail: [erin.harwood@clark.wa.gov](mailto:erin.harwood@clark.wa.gov)

**WSU Small Acreage Program Invites Landowners to the 2010 Small Acreage Expo!**

Brush Prairie, WA – Co-sponsors WSU Clark County Extension and the Clark County Clean Water Program invite landowners to the fifth annual Small Acreage Expo at Brigands HideOut in Battle Ground.

Landowners can choose from 16 classes on topics such as installing a french drain, composting manure, mud reduction, weed management, lime application, bee keeping, backyard chickens, and pasture management. Local vendors will be available to provide valuable information to participants and door prizes will be given away. A program providing full descriptions of all classes as well as a registration form and online registration is available on the WSU Extension Clark County website at <http://clark.wsu.edu>.



**Brigands HideOut Farm in Battle Ground,**

Erin Harwood, Small Acreage Program Coordinator, says “We have some great new topics for this year’s events that will provide valuable information to participants.” Doug Stienbarger, County Extension Director notes, “Last year’s participants said they changed how they manage their land based on what they learned at the Expo.”

**“Small Acreage Expo”**

Saturday, April 17, 2010

9:00 AM to 3:00 PM

Brigands HideOut Farm

Battle Ground, WA

**Registration is free and closes April 14<sup>th</sup>, 2010; lunch is available for only \$10.** Please call 360-397-6060 ext. 0 to get directions, or for more information about the WSU Extension Clark County’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.

###



SMALL ACREAGE EXPO PAID ADVERTISEMENT SAMPLE  
THE REFLECTOR AND THE CAMAS/WASHOUGAL POST-RECORD

*Clark County*  
**Small Acreage Expo**  
Saturday April 17, 2010 ~ 9 am - 3 pm  
Battle Ground, WA




**Registration FREE!!**  
Lunch available for only \$10  
Pre-registration required  
Reserve your space by April 14!  
Call 360-397-6060 x0

**See full event program and download a  
registration form at <http://clark.wsu.edu>**  
**Please select only one class from each session**

Session A	A1 Get the Lowdown on Lime	Session C	C1 Pasture Evaluation & Assessment
	A2 Harvest the Rain with Rain Barrels		C2 Control Mud With Footing Materials
	A3 Wonderful Worms: Vermicomposting		C3 Stall Mats for Livestock
	A4 Chainsaw Maintenance & Safety		C4 Backyard Chickens
<b>Dog Herding Demonstrations During Lunch!!</b>			
Session B	B1 Weed Management on Small Acreages	Session D	D1 Pasture Management
	B2 Installing Drainage		D2 Farm Tour: Management in Action
	B3 Fertilizing with Manure		D3 Conquering Mount Manure
	B4 Backyard Bees Naturally		D4 Small Farm Business Management

*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 MAILING  
PAGE 1



## 5<sup>th</sup> Annual Clark County Small Acreage Expo

Saturday April 17, 2010  
9:00 am to 3:00 pm
Brigands HideOut Farm  
Battle Ground, WA

Please select only one class from each session

**Session A**

**A1** Get the Lowdown on Lime

**A2** Harvest the Rain with Rain Barrels

**A3** Wonderful Worms: Vermicomposting

**A4** Chainsaw Maintenance & Safety

**Session C**

**C1** Pasture Evaluation & Assessment

**C2** Footing Materials for Mud Reduction

**C3** Selecting & Installing Stall Mats

**C4** Backyard Chickens

Dog Herding Demonstrations During Lunch!!

**Session B**

**B1** Weed Management

**B2** Installing Drainage for Mud Reduction

**B3** Fertilizing with Manure

**B4** Backyard Bees Naturally

**Session D**

**D1** Pasture Management & Improvement

**D2** Farm Tour - Management in Action

**D3** Conquering Mount Manure

**D4** Small Farm Business Management

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

Door Prizes,  
Vendors, and  
Much More!

For more information, contact:  
Small Acreage Program  
(360) 397-6060 x7720

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

---



Mail Registration to:  
WSU Extension Small Acreage Program  
11104 NE 149th Street, C-100  
Brush Prairie, WA 98606  
**Make checks for lunch payable to: Clark County**

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Jointly Sponsored By:

**Pre-registration required.**  
**Reserve your space by**  
**April 14, 2010**

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

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

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

SMALL ACREAGE EXPO MAILING

PAGE 2

# Got Acreage?

If you answered YES! then these programs are for you!

## Small Acreage Tour: Conway Family Farm

FREE!

Saturday, June 12<sup>th</sup>  
10 am to 12 pm  
Camas, WA

Come see manure composting, pasture rotation, irrigated pastures, and mud reduction. Gain valuable ideas for your property and take home great reference materials.

\$5 ea  
includes  
lunch!

## Pasture Management and Fencing Workshops

June 26<sup>th</sup> and July 31<sup>st</sup>  
Saturdays  
Woodland, WA  
9 am - 1 pm

Join us for these two workshops to learn about how to have greener pastures, control weeds, how to select, install, and layout fences for rotational grazing, and keep your animals healthy and safe. Come see examples on an acreage property in Woodland.

FREE!

## Well & Septic Maintenance Workshops

Tuesday, June 29<sup>th</sup>  
Yacolt, WA  
Wednesday, Nov 3<sup>rd</sup>  
Brush Prairie, WA  
6:30 - 9 pm

Learn from local experts how to properly maintain your septic system, prevent costly repairs, and protect your drinking water from contamination. Connect with local resources to have your questions answered.

FREE!

## Living on the Land: Stewardship for Small Acreages

Sept 1 - Nov 17  
Wednesdays  
6:30 to 9:30 pm  
Brush Prairie, WA

Learn to improve your property, grow greener pastures, reduce mud, and protect water quality with this 12-week class series. Connect with local experts and get valuable take home resources.

**PRE-REGISTRATION REQUIRED ~ Space is limited!**

Call (360) 397-6060 ext. 0 to register for any event and for directions

All events sponsored by the Small Acreage Program

A joint  
partnership of:



Clean Water Program

Additional event support provided by the Clark Conservation District and Clark County Public Health

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.

## Appendix E: Model and Merit Properties

### **PROPERTY TOURS**

FLYER SAMPLE

PRESS RELEASE SAMPLE

PAID ADVERTISEMENTS

### **LAND OWNER RECOGNITION**

CALENDAR SAMPLE



PROPERTY TOURS FLYER SAMPLE  
MARCH AND JUNE

# Small Acreage Tour

**Free!**

Gain valuable ideas for your property  
& take home great reference  
materials.

Conway Family Farms  
Camas, WA

Saturday June 12, 2010  
10 am to 12 noon



Come see:

- ~ Manure composting
- ~ Rotational grazing
- ~ Guttering and drainage
- ~ Pasture management including irrigation

**PRE-REGISTRATION REQUIRED**

**Call (360) 397-6060 ext. 0 to register  
and for directions**

Jointly sponsored by:

WSU Clark County Extension

Clark County Clean Water Program ~ Clark Conservation District

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.

PROPERTY TOURS PRESS RELEASE SAMPLE  
RELEASED  
MARCH 11, 2010 AND MAY 27, 2010

**For Immediate Release**

March 11, 2010

Contact: Erin Harwood  
WSU Extension Clark County  
Tel: 360-397-6060 ext. 7720  
E-mail: erin.harwood@clark.wa.gov

**Got mud, weeds, and manure? Need solutions?  
Join us for a free workshop and property tour to get ideas!**

Battle Ground, WA – Tour a local small acreage property that cares for retired horses in Battle Ground while reducing mud and managing manure while reducing the impacts to soil and water quality. Participants will have the opportunity to see and discuss different footing materials to reduce mud, manure composting and management, drainage, and roof runoff.

The Small Acreage Program, co-sponsored by Washington State University Clark County Extension, the Clark County Clean Water Program, and the Clark Conservation District, will lead the tour with the landowners. The tour begins at 10 am and runs until 12 noon and participants meet at the property in Battle Ground.

Erin Harwood, Small Acreage Program Coordinator, says “This is a terrific farm, where the landowners have worked hard to improve their property for their horses and the environment. It should be a great educational event for everyone and you don’t need to own horses to attend.” Farm tours are guided educational events open to everyone and anyone!

**Green Gate Farm Tour**  
Saturday, March 27, 2010 – 10 AM to 12 noon  
Battle Ground, WA

**Registration is free, but tour size is limited**, please call 360-397-6060 ext. 0 to register, get directions to the property, and for more information. Look for more tours in the summer and fall!

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

###

PROPERTY TOURS PAID ADVERTISEMENTS

THE REFLECTOR MARCH 17 2010

## Small Acreage Tour

### Green Gate Farm

Saturday, March 27, 2010  
10 am - 12 pm  
Battle Ground, WA



**Learn about:**

- Guttering & mud control
- Manure management
- Cross fencing
- Pasture management

**Pre-Registration Required**  
Call WSU Clark County Extension  
at 360-397-6060 ext. 0

**Sponsored By:**  
WSU Clark County Extension, Clark County Clean Water Program  
and the Clark Conservation District

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

THE REFLECTOR JUNE 2, 2010 PAGE A15

## Small Acreage Tour

### Conway Family Farms

Saturday, June 12, 2010  
10 am - 12 pm  
Camas, WA



**Learn about:**

- Guttering & mud control
- Manure management
- Cross fencing & irrigation
- Pasture management

**Pre-Registration Required**  
Call WSU Clark County Extension  
at 360-397-6060 ext. 0

**Sponsored By:**  
WSU Clark County Extension, Clark County Clean Water Program  
and the Clark Conservation District

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

LANDOWNER RECOGNITION CALENDAR SAMPLE



# *Small Acreage Program*

*2011 Calendar*



**Helping Clark County Landowners Care for Their Land**

## Appendix F: Evaluation Forms

LOL IMPACT SURVEY

LOL PRE-CLASS SURVEY

LOL INDIVIDUAL CLASS EVALUATION SAMPLE

LOL CLASS SERIES EVALUATION

WELL & SEPTIC WORKSHOP EVALUATION

BMP WORKSHOP EVALUATION SAMPLE

PROPERTY TOUR EVALUATION SAMPLE

### Living on the Land (LOL) Participant Survey

*We are glad you were able to participate in the 2010 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**



			Poor	Fair	Good	Excellent	Unsure / Don't Know	Does Not Apply
13.	Managing weeds:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
14.	Keeping my pasture/hay field healthy:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
15.	Managing rainwater (stormwater runoff) so that it stays clean:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
16.	Soil and how it relates to managing my land:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
17.	Setting realistic goals for my land:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
18.	Managing animal manure:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
19.	Managing / controlling mud:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA
20.	How my management practices impact clean water:	Before....	1	2	3	4	DK	NA
		After .....	1	2	3	4	DK	NA

22. The most positive impact of these changes was		

26. How many years have you lived on acreage (current and former property)?

Page 70 of 82



## Living on the Land – Stewardship for Small Acreages

*September 1 through November 17, 2010*

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: *	
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have mud problems?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have unusually wet pasture(s)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have a well on your property?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have a septic system?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNCERTAIN
Do any rivers, streams, creeks, or irrigation ditches run through your property?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are there roadside ditches through or adjacent to your property?	<input type="checkbox"/> YES <input type="checkbox"/> 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 \_\_\_\_\_

## Module 1 Lesson 1: What Do You Have and What Do You Want? Turning Dreams Into Reality Evaluation

(Circle your answer.)	Not at all	----->			Very much so
Was this lesson:					
Current, up-to-date?	1	2	3	4	5
Understandable?	1	2	3	4	5
Presented in an interesting way?	1	2	3	4	5
Did the program answer any questions you had?	1	2	3	4	5
Did it help you learn how to do new things or how to do something better than you knew before?	1	2	3	4	5
Do you intend to use any of the information from this lesson?	1	2	3	4	5
Overall, was this program worth your time to attend?	1	2	3	4	5

What was the most informative part of this session?

Which part was too technical and why?

Which part was too easy and why?

On which part(s) do we need to spend more or less time?

On which topic(s) would you like more information?

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

## Living on the Land – Stewardship for Small Acreages Program Evaluation

**Please rate the entire twelve week program.**

- *Module 1: Inventorying Resources* - Doug Stienbarger and Scott Melville
- *Module 2: Your Living Soil* – Gordon French and Craig Cogger
- *Module 3: Water Quality, Wells & Septics, and Streams* – Cary Armstrong, Tom Gonzales, Mike Williams, and Jen Naas
- *Module 5: Pasture & Weed Management* – Ron Hendrickson, Gene Pirelli, and Gary Fredricks
- *Module 6: Caring for your Animals: Animal Management, Grazing, and Wildlife* – Blair Wolfley and Rachel Maggi
- *Module 7: Business Opportunities* – Dr. Charles Brun
- *Module 8: Sustainability and Tying It Altogether* - Doug Stienbarger

*Please circle your answer.*

	Excellent			Poor		
What overall score would you give this program?	5	4	3	2	1	
	Very Much So			Not At All		
Did the program series answer most of your questions?	5	4	3	2	1	
Did you learn useful information?	5	4	3	2	1	
	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?

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/Assessment Form

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

*(Please circle your responses)*

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

### ***Program evaluation***

Do you intend to use any of this information?	1	2	3	4	5
Was this program understandable?	1	2	3	4	5
Did the program answer your questions?	1	2	3	4	5
Was this program worth your time to attend?	1	2	3	4	5

What did you like best about the program?

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

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Do you have a well? *(circle one)*

Yes

No

Are you currently using it for your household water source? *(circle one)*

Yes

No

Where did you find out about this workshop? *(please select all that apply)*

The Columbian

The Reflector

The Oregonian

Camas Post Record

Clark Public Health Letter

E-mail

Other \_\_\_\_\_

# Sustainable Small Acreage Living Workshop Evaluation

Small Acreage Program and Clark Conservation District  
March 23, 2010

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
Protecting and managing soil on your property	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Utilizing drainage to manage and protect water on your property	Before...	1	2	3	4	5
	After...	1	2	3	4	5
Controlling invasive plants and using native plants	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
Workshop evaluation		Very Little	Some		Definitely	
Do you intend to use any of the information provided?		1	2	3	4	5
Did you learn something new or how to do others differently?		1	2	3	4	5

What was the most informative part of this workshop?

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

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

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

## Clark County Small Acreage Program Friendly Haven Rise Tour Evaluation October 23, 2010

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.**

*(Please circle your responses)*

		<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
Controlling and managing runoff	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
<i>Tour evaluation</i>		<i>Very Little</i>		<i>Some</i>		<i>Definitely</i>
Do you intend to use any of the information provided?		1	2	3	4	5
Did you learn something new or how to do others differently?		1	2	3	4	5

What was the most informative part of this tour?

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

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?