

**WSU Experimental Riparian Buffer Site  
Installation and Maintenance Costs 2003-2005  
(Buffer Size = .69 acres)**

Item	Year			Total
	2003	2004	2005	
<b>Site preparation</b>				
Clearing (Blackberry & other)	\$717			\$717
Spray^ (Roundup Pro)	\$35			\$35
Labor* (spraying & clearing)	\$169	\$473		\$642
<b>Establishment</b>				
Poplar cuttings & Alder seedlings (300 each)		\$231		\$231
Grass seed (75#)		\$118		\$118
Beaver Fence (600 ft. 2004; 100 ft. 2005; 250 ft 2005(2))		\$541	\$238	\$779
Tree protectors (500 units)			\$450	\$450
Labor (planting, fencing, tree protectors)		\$304	\$439	\$744
<b>Maintenance</b>				
Spray (Roundup Pro)		\$46	\$27	\$72
Poplar cuttings & Alder seedlings (replanting)			\$328	\$328
Labor (mowing, spraying, replanting)		\$439	\$744	\$1,183
<b>Total Annual Cost (3 year summation)</b>	<b>\$921</b>	<b>\$2,153</b>	<b>\$2,226</b>	<b>\$ 5,300</b>
<b>Inflation adjusted cost (2005\$)</b>				<b>\$5,429</b>
<b>Cost Per Acre (2005\$)</b>				<b>\$7,112</b>

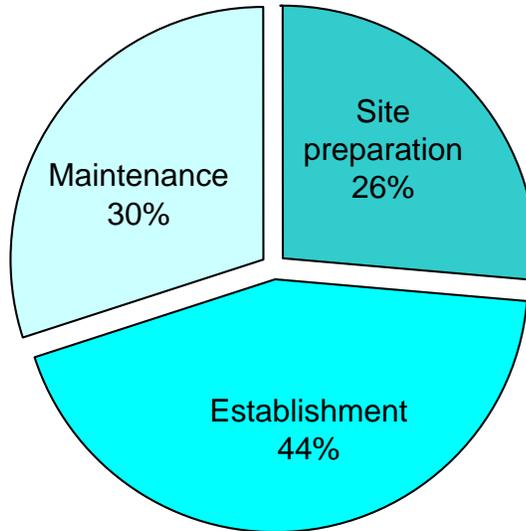
\*Labor cost calculated at an hourly rate of 13.00 plus 30% benefits = 16.90/hr.

^ Spray materials cost based on a price of \$118 for a 2.5 gal container of Roundup Pro

+ Real interest rate: 0.027

## WSU Riparian Buffer Installation and Maintenance Costs by Type

Total Buffer Install and Maint. Cost =  
\$7,112 per acre (2005 Dollars)



## WSU Riparian Buffer Installation and Maintenance Costs by Category

Total Buffer Install and Maint. Cost = \$7,112  
per acre (2005 Dollars)

