

**Cost Data**

**Scenario Description:**

Development of a 154 Integrated Pest Management Herbicide Resistance Weed Conservation Activity Plan CAP.

Natural Resource Concern:	Water quality, soil erosion, soil condition, and plant condition are the appropriate resource concerns.
Resource Setting:	On-farm cropland where weeds are resistant to herbicides, including organic and specialty crop operations.
Before Practice Situation:	Agricultural producer currently has no plan or limited knowledge for management of cropland weeds or for adaptive techniques to address herbicide resistant weeds. The producer currently manages cropland weeds based upon herbicide label instructions, personal knowledge, or other local criteria, and has not implemented strategies to diversity crop rotations and rotate herbicide modes of action for purpose of managing resistant weed spread and protecting soil quality and plant condition. Producer is interested in management of weeds to maximize yields, profit margin, reduce costs, address challenges in herbicide resistant weeds, and for environmental benefit. Producer is willing to collaborate with a certified TSP to develop a plan and collect/coordinate data recording to monitor per requirements of plan.
After Practice Situation:	After EQIP contract approval, participant has obtained services from a certified TSP for develop of the "Herbicide Resistance Weed" conservation activity plan. The CAP criteria requires the plan to meet quality criteria for applicable resource concerns and provides for opportunities to utilize the following strategies: Prevention, Avoidance, Monitoring, and Suppression, which will be implemented through use of Integrated Pest Management and may use one or more of the following conservation practices: Crop Rotation, Cover Crop, and Residue Management. Recommendations on crop system diversification and integration of herbicide mode of action rotation effective for weed control on recommended crop rotation are integral to the CAP. CAP plan may include recommendations for associated conservation practices which address other related resource concerns. CAP meets the basic quality criteria for the 154 plan as cited in the NRCS Field Office Technical Guide.
Associated Practices:	Integrated Pest Management, Crop Rotation, Cover Crop, Field Boarder, Filter Strip, Stripcropping, and Residue and Tillage management practices, or other application conservation practices cited tin the NRCS Field Office Technical Guide.

**Geographic Area:** US States and Territories  
**Unit for Cost Estimate:** No  
**Practice Life (Years):** 1  
**Discount Rate (%/Year):** 0%

**Cost/Unit**

**Materials** \$0.00

Not Applicable

**Equipment/Installation** \$0.00

Not Applicable

**Labor** \$4,524.60

Labor provided by a certified Technical Service Provider for development of the CAP plan. Specific estimated costs as follows:

Name of Item (Data Source Number)	Unit	Cost/Unit	Number	Item Cost
CAP Labor, agronomist	Hour	\$75.41	60	\$4,525

**Mobilization** \$0.00

Not Applicable

**Operation & Maintenance (Annual)** \$0.00

Not Applicable

**Acquisition of Technical Knowledge** \$0.00

**Forgone Income (Annual)** \$0.00

Not Applicable

**Risk** \$0.00

Not Applicable

**Administration & Permit Costs** \$0.00

Not Applicable

**Total Cost Estimate:** **\$4,524.60**

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**Unit for Cost Estimate:** No  
**Practice Life (Years):** 1  
**Discount Rate (%/Year):** 0%

**Cost/Unit**

**Materials** \$0.00

Not Applicable

**Equipment/Installation** \$0.00

Not Applicable

**Labor** \$2,940.99

Labor provided by a certified Technical Service Provider for development of the CAP plan. Specific estimated costs as follows:

Name of Item (Data Source Number)	Unit	Cost/Unit	Number	Item Cost
CAP Labor, agronomist	Hour	\$75.41	39	\$2,940.99

**Mobilization** \$0.00

Not Applicable

**Operation & Maintenance (Annual)** \$0.00

Not Applicable

**Acquisition of Technical Knowledge** \$0.00

**Forgone Income (Annual)** \$0.00

Not Applicable

**Risk** \$0.00

Not Applicable

**Administration & Permit Costs** \$0.00

Not Applicable

**Total Cost Estimate:** \$2,940.99

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**Unit for Cost Estimate:** No  
**Practice Life (Years):** 1  
**Discount Rate (%/Year):** 0%

**Cost/Unit**

**Materials** \$0.00

Not Applicable

**Equipment/Installation** \$0.00

Not Applicable

**Labor** \$2,262.30

Labor provided by a certified Technical Service Provider for development of the CAP plan. Specific estimated costs as follows:

Name of Item (Data Source Number)	Unit	Cost/Unit	Number	Item Cost
CAP Labor, agronomist	Hour	\$75.41	30	\$2,262.30

**Mobilization** \$0.00

Not Applicable

**Operation & Maintenance (Annual)** \$0.00

Not Applicable

**Acquisition of Technical Knowledge** \$0.00

**Forgone Income (Annual)** \$0.00

Not Applicable

**Risk** \$0.00

Not Applicable

**Administration & Permit Costs** \$0.00

Not Applicable

**Total Cost Estimate:** **\$2,262.30**