

Cost Data

Scenario Description:

Development of a 114 Integrated Pest Management Conservation Activity Plan CAP

Natural Resource Concern:	Water quality and all other appropriate resource concerns.
Resource Setting:	Various on-farm land uses where pests are managed on a larger farm where IPM strategies are to be applied. Current pest control activities cause environmental concerns with water quality and/or erosion.
Before Practice Situation:	Agricultural currently producer has no plan or limited knowledge of development or management of agricultural pests. The producer currently manages pests based upon pesticide label instructions, personal knowledge, or other local criteria. Producer is interested in management of pests and reduce the environmental impacts 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 development of the "Integrated Pest Management" 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 conservation practices and/or risk reduction strategies. The CAP plan may include recommendations for associated conservation practices which address other related resource concerns. CAP meets the basic quality criteria for the 114 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 in 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 \$3,770.50
 Labor provided by a certified Technical Service Provider for development of the CAP plan. Specific estimated costs as follows:

Name of Item (Data Source Num)	Unit	Cost/Unit	Number	Item Cost
CAP Labor, agronomist	Hour	\$75.41	50	\$3,770.50

Assumptions derived from 2012 multi-state IPM activity planning data--500 acre midpoint for 'large' operation, 10 acres/hr planning, 50 hours IPM Planning time

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: **\$3,770.50**

Cost Data

Scenario Description:

Development of a 114 Integrated Pest Management Conservation Activity Plan CAP

Natural Resource Concern:	Water quality and all other appropriate resource concerns.
Resource Setting:	Various on-farm land uses where pests are managed on a moderately-sized farm where IPM is to be applied. Current pest control activities cause environmental concerns with water quality and/or erosion.
Before Practice Situation:	Agricultural currently producer has no plan or limited knowledge of development or management of agricultural pests. The producer currently manages pests based upon pesticide label instructions, personal knowledge, or other local criteria. Producer is interested in management of pests and reduce the environmental impacts 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 development of the "Integrated Pest Management" 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 conservation practices and/or risk reduction strategies. The CAP plan may include recommendations for associated conservation practices which address other related resource concerns. CAP meets the basic quality criteria for the 114 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		\$2,413.12										
Labor provided by a certified Technical Service Provider for development of the CAP plan. Specific estimated costs as follows:												
	<table border="1"> <thead> <tr> <th>Name of Item (Data Source Num</th> <th>Unit</th> <th>Cost/Unit</th> <th>Number</th> <th>Item Cost</th> </tr> </thead> <tbody> <tr> <td>CAP Labor, agronomist</td> <td>Hour</td> <td>\$75.41</td> <td>32</td> <td>\$2,413.12</td> </tr> </tbody> </table>	Name of Item (Data Source Num	Unit	Cost/Unit	Number	Item Cost	CAP Labor, agronomist	Hour	\$75.41	32	\$2,413.12	
Name of Item (Data Source Num	Unit	Cost/Unit	Number	Item Cost								
CAP Labor, agronomist	Hour	\$75.41	32	\$2,413.12								
Assumptions derived from 2012 IPM multi-state IPM Job data--250 acre midpoint, 8 acres/hr planning = 32 hours of CAP planning labor time												
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:		\$2,413.12										

Cost Data

Scenario Description:

Development of a 114 Integrated Pest Management Conservation Activity Plan CAP

Natural Resource Concern:	Water quality and all other appropriate resource concerns.
Resource Setting:	Various on-farm land uses where pests are managed on smaller operations, including organic and specialty crop operations where more complicated pest management evaluations and solutions may be necessary. Current pest control activities cause environmental concerns with water quality and/or erosion.
Before Practice Situation:	Agricultural currently producer has no plan or limited knowledge of development or management of agricultural pests. The producer currently manages pests based upon pesticide label instructions, personal knowledge, or other local criteria. Producer is interested in management of pests and reduce the environmental impacts 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 development of the "Integrated Pest Management" 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 conservation practices and/or risk reduction strategies. The CAP plan may include recommendations for associated conservation practices which address other related resource concerns. CAP meets the basic quality criteria for the 114 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 in 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 \$1,885.25
 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	25	\$1,885.25

From "Specialty" crop information provided in producing 2012 IPM CAP cost data, averages were 50 acres @ 2 acres per hours. Thus 25 hours needed to plan 50 acres of small/specialty crop operation.

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: \$1,885.25