United States Department of Agriculture
Natural Resources Conservation Service

2011 Ranking Period 1

Cropland Enhancement Bundle – BCR04

Cropland Enhancement Bundle #4
This bundle of enhancement activities includes AIR03 Replace Burning of Pruning, Removals and Other Crop Residues with Non-burning Alternatives, AIR04 Use of Drift Reducing Nozzles, Low Pressures, Lower Boom Height, and Adjuvant's to Reduce Pesticide Drift, PLT01 Establish Pollinator Habitat, SQL02 Continuous Cover Crops, and WQL13 High Level Integrated Pest Management to Reduce Pesticide Environmental Risk.

Land Use Applicability
Cropland

Benefits
This bundle of enhancement activities is focused on activities that address air, water and soil resource concern in orchards and vineyards through improved pest management, reducing pesticide drift, establishing continuous cover crops and creating habitat for pollinators and beneficial insects. Implementing these activities together creates a synergy that should result in more conservation benefits than might be expected from the individual activities. Applicants that choose to implement this bundle of activities will receive an increase in ranking and payment points.

Rules for Enhancement Activity Bundles

- All of the activities in the bundle must be implemented. However, if an applicant is already implementing 1 or 2 of the activities, they are still eligible for the bundle and only need to implement the remaining 3 or 4 activities.
- Applicants will be required to install all enhancements in the bundle wherever they are needed on the applied area.
- Other enhancements cannot be substituted for those in the bundles.
- Applicants can choose how many acres of their operation they want to implement the bundle on. However, if the applicant chooses to implement the activity on only a portion of their operation their ranking points and payment points will be reduced.

Criteria
For this bundle implement AIR03, AIR04, PLT01, and WQL13 according to their respective criteria on all of the area selected for bundle application.

If the orchard or vineyard can benefit from any of the criteria listed in SQL02 a state can require that it be implemented, otherwise if existing cover is adequate to meet the resource needs, SQL02 does not have to be implemented.

Documentation Requirements
Follow the documentation requirements in the respective enhancement activity sheets to document the implementation of each enhancement.

In addition, document the actual amount, fields and when each enhancement in the bundle is applied:

Enhancement Activity	Amount (unit)	Field(s) Number or Name	Year Applied
AIR03			
AIR04			
PLT01			
SQL02			
WQL13			

Michigan Supplement

Crop Enhancement Bundle – BCR04- Orchards and Vineyards

State Criteria

There is no additional criteria for Michigan.