

**Cropland Enhancement Bundle – BCR08 (Reduces inputs, improves soil and water quality, benefits pollinators and beneficial insects)**



**Enhancement Description**

This bundle of enhancement activities includes: ENR12-Use of legume cover crops as a nitrogen source; SOE04-Continuous no till; SQL02-Continuous cover crops; PLT15-Establish pollinator and/or beneficial insect habitat, and WQL13-High level IPM to reduce pesticide environmental risk.

**Land Use Applicability**

Cropland

**Benefits**

This bundle of enhancement activities is focused on activities that reduce inputs while improving soil and water quality while benefiting pollinators or other 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 activity points.

**Conditions Where Enhancement Applies**

This enhancement applies to all crop land use acres.

**Criteria**

**Bundle rules**

1. 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.
2. Applicants will be required to install all enhancements in the bundle wherever they are needed on the applied area.
3. Other enhancements cannot be substituted for those in the bundles.
4. Applicants choose the acres of their operation where they want to implement the bundle. If the applicant chooses to implement the activity on only a portion of their operation, their ranking and performance points will be reduced proportionally.
5. The amount of the bundle that can be scheduled cannot exceed the most limiting individual “system” enhancement scheduled.

For this bundle implement ENR12, SOE04, SQL02, PLT15 and WQL13 according to their respective criteria on all of the area selected for bundle application.



United States Department of Agriculture  
Natural Resources Conservation Service

2012 Ranking Period 1

**Adoption Requirements**

This enhancement is considered adopted when rules # 1 and 2 from “Rules for Enhancement Activity Bundles” above have been fulfilled.

**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:

<b>Enhancement Activity</b>	<b>Amount (unit)</b>	<b>Field(s) Number or Name</b>	<b>Year Applied</b>
<b>ENR12</b>			
<b>SOE04</b>			
<b>SQL02</b>			
<b>PLT15</b>			
<b>WQL13</b>			

**North Dakota Requirements**

ENR12: Follow State Land Grant University guidelines for N/Acre credits. Legumes must supply at least 40% N for following crops.

SOE04: Enhancement must be implemented to meet NRCS standards and specifications for 329-ResidueManagement - No Till.

SQL02: Specific NRCS cover crop recommendations will be based on teh identified purposes and resource needs as discussed with the client.

WQL13: This enhancement is applicable on cropland only. Producer must follow NDSU plan for specific crop. Please visit the following websites for additional information.

<http://www.ag.ndsu.nodak.edu/aginfo/ndipm/>

<http://www.ncipmc.org/>

<http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=29600.wba>