United States Department of Agriculture
Natural Resources Conservation Service

2012 Ranking Period 1

Pasture Enhancement Bundle –BPA08 (Addresses all aspects of pasture management)

Enhancement Description
This bundle of enhancement activities includes: AIR04-Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift; ANM03-Incorporate native grasses and/or legumes into 15% or more of herbage dry matter productivity; ANM18-Retrofit watering facility for wildlife escape; PLT16-Intensive rotational grazing, and WQL07-Split nitrogen applications 50% after the crops/pasture emerge/green-up.

Land Use Applicability
Pastureland

Benefits
This bundle of enhancements is focused on activities that address all aspects of pasture management: pests, nutrients and forage quality while improving wildlife access to water. 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 pastureland 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.

Follow the criteria in the respective enhancement activity sheets to implement each enhancement.

For this bundle implement AIR04, ANM03, ANM18, PLT16, and WQL07 according to their respective criteria on all of the area selected for bundle application.

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 implemented:

Enhancement Activity	Amount (unit)	Field(s) Number or Name	Year Applied
AIR04			
ANM03			
ANM18			
PLT16			
WQL07			

North Dakota Requirements
AIR04: All methods listed on the AIR04 job sheet are acceptable. See ND Extension bulletins for acceptable adjuvants.
ANM03: Available on tame pasture only. Only native legumes may be incorporated. Plans must meet NRCS Field Office Tech Guide practice standards and specifications for 528-Prescribed Grazing and530-Range Planting.
ANM18: Refer to "Water for Wildlife: A Handbook for Ranchers and Range Managers," which is available online at: http://www.bactcon.org/news2/pdf.bciwaterfor wildlife.pdf
PLT16: 528-Prescribed Grazing must be implemented to meet NRCS Field Office Technical Guide standards and specifications.