

Ogallala Initiative Enhancement Bundle – BOI03 (Improves irrigation water conservation and widens buffers)



Enhancement Description

This bundle of enhancement activities includes: WQT01- Irrigation system automation; WQT03- Irrigation pumping plant evaluation; WQT05- Remote monitoring and notification of irrigation pumping plant operation; WQT07- Regional weather network; and one of the buffer widening enhancements ANM32 or ANM40.

Land Use Applicability

Cropland

Benefits

This bundle of enhancements is focused on water quantity conservation using technologies and measures that will improve the efficiency of irrigation water application. The inclusion of one of the buffer widening enhancements will provide further protection of off-site areas from the impact of agricultural operations. By implementing these activities together a synergy is achieved 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 irrigated 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.

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



United States Department of Agriculture
Natural Resources Conservation Service

2015 Ranking Period 1

For this bundle, implement WQT01, WQT03, WQT05 and WQT07 according to their respective criteria on all of the area selected for bundle application. Implement the buffer widening enhancements ANM32 or ANM40 where needed according to the criteria for the respective enhancements. If a buffer is needed to address a resource concern but does not exist, the requirements of this bundle can be met by installing a new buffer to the minimum width required by these enhancements.

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 the bundle.

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
WQT01			
WQT03			
WQT05			
WQT07			
ANM32 or ANM40			