



## CROPLAND ENHANCEMENT BUNDLE

### B000CPL25

# CONSERVATION STEWARDSHIP PROGRAM

### Crop Bundle # 25- Climate Smart Advanced Soil Health

**CONSERVATION PRACTICE: 328 - Conservation Crop Rotation, 329 - No Till, 340 - Cover Crop, 345 - Reduced Till, 590 - Nutrient Management, 595 - Pest Management Conservation System**

**APPLICABLE LAND USE: Crop (Annual & Mixed)**

**RESOURCE CONCERN: Soil, Water, Animals, Plants, Air**

**ENHANCEMENT LIFE SPAN: 1 year**

#### **Enhancement Description**

Improve crop land soil health by increasing plant diversity and minimizing soil disturbance. By implementing a combination of Enhancements selected for site-specific conditions to reduce physical and chemical soil disturbance, curb runoff and erosion, optimize plant cover and living root, diversify the farm ecosystem, improve nutrient cycling, and manage pests, a synergy is achieved to build healthy living soils, sustain plant productivity and health, sequester carbon, protect water and other resources including biodiversity, and provide beneficial habitat.

#### **Criteria**

- All the component enhancements in the required group, along with three additional component enhancements, must be adopted as shown in the table below.
- If an applicant has already adopted one or more component enhancements within a bundle, the applicant may schedule the bundle as long as the applicant is newly adopting the majority (more than 50 percent) of the component enhancements within the bundle.
- Applicants may choose to adopt a bundle on any portion of the agricultural operation and will be required to install component enhancements on all applicable acres where the bundle is adopted.
- The bundle is scheduled in the year in which all component enhancements in the bundle are applied.

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- The bundle, once adopted, may continue to be implemented in all subsequent years through the end of the contract meaning applied multiple times after adoption.

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## Documentation and Implementation Requirements

### Participant will:

- Follow the documentation and implementation requirements outlined in the respective enhancement job sheets to document the implementation of each component enhancement in the bundle.
- Prior to and after implementation, document the planned amount, fields, applied amount and the year each component enhancement in the bundle is applied on the following table.

Component Enhancement Code	Tract, Field Number or Name	Planned Amount (units)	Applied Amount (units)	Year(s)
<b>Adopt the following component enhancement</b>				
E595B -Reduce risk of pesticide in water and air by utilizing IPM PAMS techniques				
<b>Adopt one component enhancement from this group</b>				
E345D- Reduced tillage to increase soil health and soil organic matter				
E329D- No till system to increase soil health and soil organic Matter				
E590A- Improving nutrient uptake efficiency and reducing risk of nutrient losses				
<b>Adopt one component enhancement from this group</b>				
E328K- Multiple crop types to benefit wildlife				
E328J- Improved crop rotation to provide benefits to pollinators				
<b>Adopt one component enhancement from this group</b>				



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E340B- Intensive cover cropping to increase soil health and soil organic matter				
E340C- Use of multi-species cover crops to improve soil health and increase soil organic matter				
E340E- Use of soil health assessment to assist with development of cover crop mix to improve soil health				

**NRCS Documentation Review:**

I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and met all criteria and requirements.

Participant Name \_\_\_\_\_ Contract Number \_\_\_\_\_

Total Amount Applied \_\_\_\_\_ Fiscal Year Completed \_\_\_\_\_

\_\_\_\_\_  
NRCS Technical Adequacy Signature

\_\_\_\_\_  
Date