



KANSAS SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

CONSERVATION STEWARDSHIP PROGRAM

E328G

Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement

Additional Criteria for Kansas

- Use soil health assessment to evaluate the impact of current conservation crop rotation on addressing soil organic matter depletion and additional soil health objectives of the individual grower (primary assessment made in Year 1). In Year 3, complete a follow-up assessment. Follow the procedure below to obtain samples:
- Collect, and have soil samples lab analyzed, in years one and three.
 - Sampling procedure:
 - Take 15-25 core samples randomly from each identified field. Mix samples thoroughly and save enough to fill a 1 quart sealable plastic bag.
 - Consider previous crop row spacing and fertilizer placement to avoid over sampling in these areas.
 - Collect core samples to a depth of 6 inches.
 - Sample long term no-till fields at a depth of 4 inches.
 - Sampling equipment:
 - Use a stainless steel soil-sampling probe.
 - Ensure any shovels used are rust free and clean.
 - Handling:
 - Samples DO NOT need air drying prior to shipping, but do not send saturated samples either.



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- Label the sample and include the following information:
 - Name
 - Email
 - Phone
 - State, where field is located
 - County, where field is located
 - Farm Service Agency (FSA) Tract number
 - FSA Field Number
 - Land use: cropland, pasture, etc.
- Ship samples to:
 - Any laboratory capable of performing, at a minimum, an assessment that accounts for soil organic matter. Ensure the specific assessment selected provides the grower information, based on their soil health objectives (the Haney Soil Health Nutrient Test).
- For cover crops added to the cropping system, refer to the CPS 340, Cover Crop, Construction Specification, for seeding requirements. A minimum of four species is required. Select species with very good or excellent ratings for the purpose of increasing soil organic matter, in Table 1 of the [KS-ECS-6](#).
 - Use cover crops from the selected listed in KS Table 1 of Form KS-ECS-6, Cover Crop Design.

Additional Documentation Requirements for Kansas

- For cover crops, use Implementation Requirements, [Form KS-ECS-6](#).