



## KANSAS SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

## CONSERVATION STEWARDSHIP PROGRAM

### E528S- Soil Health Improvements on Pasture

#### Conservation Practice 528: Prescribed Grazing

##### Additional Criteria for Kansas

- In addition to the criteria specified in National Enhancement E528S, the following apply in Kansas:
  - Conduct Pasture Condition Score (PCS) for Kansas pasture evaluations. DIPH are currently not available for use in Kansas. Forms and desirable plant lists for PCS are located in the [Kansas FOTG](#) ; Section II – Natural and Cultural Resources Information; Resource Assessments; Pasture Condition Score (PCS) document folder.
  - Select a minimum of one monitoring site per forage type per grazing system. One monitoring site can represent up to three fields in the grazing system. Example: Nine fields of the same forage type need three monitoring sites.
  - Follow soil health test guidance in [Soil Health Technical Note No. 450-03](#) and ensure the following tests are conducted by the testing lab:
    - Soil organic carbon content measured by dry combustion
    - Wet macro-aggregate stability measured using ARS or NRCS methods or by sprinkle infiltrometer.
    - Respiration using a 4-day incubation
    - Active carbon measured by permanganate oxidation
    - Bioavailable nitrogen measured as citrate extractable protein
    - Complete chemical soil test including: pH, electroconductivity (EC), phosphorus, potassium, calcium, magnesium, sulfur, iron, manganese, copper, and zinc



## CONSERVATION STEWARDSHIP PROGRAM

- PCS indicators to prioritize for improvement are Live (includes dormant) Plant Cover, Plant Residue and Litter as Soil Cover, Soil Compaction and Soil Regenerative Features, or Percent Desirable Plants unless benchmark rating is 5.
- Utilize [Kansas Conservation Practice Standard 528](#), Prescribed Grazing, Practice Specifications, for grazing plan guidance, requirements, and documentation.
- Place supplement and substitute feed at least 100 feet from surface water and identified sensitive areas.

### **Additional Documentation Requirements for Kansas**

- In addition to the documentation requirements specified in National Enhancement E528S, the following apply in Kansas:
  - Use Form [KS-ECS-528](#) for grazing plan documentation.
  - Provide site photos (minimum of one pointing at the ground and one landscape view) for each Pasture Condition Score (PCS) conducted.