



## KANSAS SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

### E328E

## CONSERVATION STEWARDSHIP PROGRAM

### Soil health crop rotation

**WARNING:** Due to limited annual precipitation in the western half of Kansas, successful use of this enhancement may be limited.

#### Additional Criteria for Kansas

- The crop rotation includes at least 2 years of high residue crops and/or cover crops per 3 years of the rotation. The following are considered high residue crops:
  - barley
  - corn
  - millet
  - oats
  - popcorn
  - rye
  - sorghum
  - sorghum-sudangrass hybrids
  - triticale
  - wheat
- For crop diversity, the planned crop sequence should contain different crop types. (For example, a mix of the following: warm-season grass, warm-season broadleaf, cool-season grass, and cool-season broadleaf. Fallow is not a crop type.)
- Cover crops are considered a crop type.
- Keep a living root system established as much as practical for the given soil, cropping system, and climate area. Maximize root growth periods by planting the next crop or cover crop as soon as practical after the harvest and/or utilize perennial crops in the rotation. Aim to have living roots at least 90% of available growing days. Show before and after management files from current NRCS wind and water erosion prediction technologies to document benchmark and planned crop rotation to indicate the increase in living root periods. To determine the growing days, visit the following website: <http://agacis.rcc-acis.org/>. From the table below, select your county Federal Information Processing Standards (FIPS) code. Enter the FIPS code into the Office ID box and press the Submit button. Under 1. Location, select the location closest to the center of the conservation management unit. Under 2. Product, select FROST. Under 3. Options, select the date. Under 4. View, click Go.



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The output will list the following:

- Prob is the probability of occurrence.
- Average is the mean date for years with an occurrence.

Living roots will be maintained 90% of the length.

FIPS Code	County	FIPS Code	County	FIPS Code	County	FIPS Code	County
20001	Allen	20003	Anderson	20005	Atchison	20007	Barber
20009	Barton	20011	Bourbon	20013	Brown	20015	Butler
20017	Chase	20019	Chautauqua	20021	Cherokee	20023	Cheyenne
20025	Clark	20027	Clay	20029	Cloud	20031	Coffey
20033	Comanche	20035	Cowley	20037	Crawford	20039	Decatur
20041	Dickinson	20043	Doniphan	20045	Douglas	20047	Edwards
20049	Elk	20051	Ellis	20053	Ellsworth	20055	Finney
20057	Ford	20059	Franklin	20061	Geary	20063	Gove
20065	Graham	20067	Grant	20069	Gray	20071	Greeley
20073	Greenwood	20075	Hamilton	20077	Harper	20079	Harvey
20081	Haskell	20083	Hodgeman	20085	Jackson	20087	Jefferson
20089	Jewell	20091	Johnson	20093	Kearny	20095	Kingman
20097	Kiowa	20099	Labette	20101	Lane	20103	Leavenworth
20105	Lincoln	20107	Linn	20109	Logan	20111	Lyon
20113	McPherson	20115	Marion	20117	Marshall	20119	Meade
20121	Miami	20123	Mitchell	20125	Montgomery	20127	Morris
20129	Morton	20131	Nemaha	20133	Neosho	20135	Ness
20137	Norton	20139	Osage	20141	Osborne	20143	Ottawa
20145	Pawnee	20147	Phillips	20149	Pottawatomie	20151	Pratt
20153	Rawlins	20155	Reno	20157	Republic	20159	Rice
20161	Riley	20163	Rooks	20165	Rush	20167	Russell
20169	Saline	20171	Scott	20173	Sedgwick	20175	Seward
20177	Shawnee	20179	Sheridan	20181	Sherman	20183	Smith
20185	Stafford	20187	Stanton	20189	Stevens	20191	Sumner
20193	Thomas	20195	Trego	20197	Wabaunsee	20199	Wallace
20201	Washington	20203	Wichita	20205	Wilson	20207	Woodson
20209	Wyandotte						

- Cover crops used will have an excellent or very good rating in the increased soil organic matter in Table 1 of Form KS-ECS-6, Cover Crop Design.

### Additional Documentation Requirements for Kansas

- Cover crop seedings will be recorded on Form KS-ECS-6, Cover Crop Design.