



## KANSAS SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

## CONSERVATION STEWARDSHIP PROGRAM

### E340F

### Cover crop to minimize soil compaction

#### Additional Criteria for Kansas

- Plant species, seedbed preparation, seeding rates, seeding dates, seeding depths, fertility requirements, and planting methods will be consistent with applicable local criteria and soil/site conditions. Refer to Table 1 on Form [KS-ECS-6](#), Cover Crop Design. Species for near-surface compaction (0" - 4") will have a rating of excellent or very good in the minimize/reduce soil compaction column. Species for deep soil compaction (> 4") will have a rating of excellent or very good in the minimize/reduce soil compaction column.
- If specific rhizobium bacteria for selected legumes are not present in the soil, treat seed with appropriate inoculum at the time of planting. If the legume has not been planted in the previous five years, the seed will be treated with the appropriate inoculum.
- Select a mix of cover crop species that includes plants with both fibrous root and deep rooted systems. Fibrous roots will treat and prevent both near surface (0" - 4") and deep (> 4") soil compaction, and deep rooted will break up deep compacted soils. The mix will be composed of three species.

#### Additional Documentation Requirements for Kansas

- Form [KS-ECS-6](#), Cover Crop Design, will be used to document the seed mix and planting.