



CONSERVATION ENHANCEMENT ACTIVITY

E382B

CONSERVATION STEWARDSHIP PROGRAM

Installing electrical fence offsets and wire for cross-fencing to improve grazing management

Conservation Practice 382: Fence

APPLICABLE LAND USE: Pasture, Range

RESOURCE CONCERN: Soil

ENHANCEMENT LIFE SPAN: 20 Years

Enhancement Description

Retrofitting conventional fences such as barb wire, with new electrical offsets and electrical wire to facilitate cross-fencing for improved grazing management.

Criteria

- Electrical offsets will be attached to conventional fences to provide installation points for electrical tape, polywire, or other NRCS state approved electrical wire fence that will construct cross-fencing.
- The type and design of the fence retrofitting or construction will meet the management objectives and site challenges.
- The conventional or existing fence must meet state technical standards prior to the retrofit of the offsets.
- The offsets and electrical fence Implementation Requirement (IR) or jobsheet will specify:
 - Animal species of concern, both wildlife and domestic
 - Installation of cross-fence according to the conservation plan map
 - Installation of offsets and electric fence according to fence specifications

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Adoption Requirements

This enhancement is considered adopted when the criteria is met, documentation records are provided, and results viewed on the planned location.

Documentation and Implementation Requirements

Participant will:

- Prior to implementation, obtain NRCS Implementation Requirement (IR) or jobsheet that provides the construction specification for the offsets and electric cross-fence.
- Prior to implementation, develop a map with assistance from NRCS as needed, which identifies the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to implementation, consult with NRCS on the quality of the existing conventional fence.
- During implementation, consult with NRCS if there are any changes or modifications to the material or construction techniques.
- After implementation, provide a map of the actual location(s) of construction of the offsets and electrical cross-fence(s) for review.
- After implementation, provide pictures of newly constructed offsets and cross-fence(s) showing the specified construction specifications were implemented.

NRCS will:

- Provide technical assistance as requested.
- Prior to implementation, as requested, assist the participant in the development of a map identifying the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to Implementation, develop an Implementation Requirement or jobsheet with construction specifications.

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- Prior to implementation, provide technical determination of the quality of the existing conventional fence to state technical standards.
- During implementation, assist the participant with any modifications to the construction specifications when needed.
- After implementation, review offsets and electric cross-fence(s) location map.
- After implementation, certify offset and cross-fence(s) construction meets the Implementation Requirements (IR) or jobsheet design.

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

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SOUTH DAKOTA (SD) SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

CONSERVATION STEWARDSHIP PROGRAM

E382B

Installing electrical fence offsets and wire to facilitate cross-fencing for improved grazing management

Additional Criteria for SD:

In addition to the criteria specified in the national job sheet E382B, the following additional criteria apply in SD:

- Existing fence(s) should be of sound quality and structure. The existing fence(s) will contain and/or control the movements of livestock where heavy concentrations or pressures are not expected. (No falling over posts, stable corner braces, no sagging fence).
- Offsets and fence should be installed in order to facilitate a more intensive rotational grazing management system than already in place. A grazing plan must be developed in conjunction with this enhancement. (Consider scheduling E528R in combination with this enhancement).
- Use manufacturer's recommendations for installation of offsets and electric fence.
- Placement of electric fence should be at the nose height of the animal to be controlled when it is walking.
- Refer to SD Range Technical Note 7 – Fence for more information.
- Offsets and other equipment installed shall be new.



One example of an offset (there are many other types that may be used)

Additional Documentation Requirements for SD:

In addition to the documentation requirements specified in the national job sheet E382B, the following additional documentation requirements apply in SD:

- Complete the SD CPA-23 or other document that details the design of the new fence.
- Photos of installed offsets and other installed materials.