

Iowa Natural Resources Conservation Services

2810 Iowa Climate Smart Switchgrass Cropping System

What is RCPP?

The Regional Conservation Partnership Program (RCPP) promotes coordination of NRCS conservation activities with partners that offer value-added contributions to expand our collective ability to address on-farm, watershed, and regional natural resource concerns. Through RCPP, NRCS seeks to co-invest with partners to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.

Project

The goal of the project is to improve carbon sequestration, soil health, and reduce nutrient runoff while also improving profit on farms in southern Iowa by developing a Climate Smart Switchgrass Cropping System (CSSGCS). The objectives include:

 Transition 5,000 acres of sensitive traditional row crop agriculture and degraded cool season grass pastureland to CSSGCS, using ag management planning tools to target areas in need of soil erosion control, water quality, and profit improvements.

- Leverage a 5-year RCPP project for a minimum
 12 years of conservation benefits.
- Increase farmer net income/ acre by 15% on targeted pasture and marginal row crop acres in project area.
- Assist producers in understanding carbon markets and enrollment process.

More Information

For more information about conservation planning and financial assistance, contact your local NRCS office.

Find your local service center at <u>nrcs.usda.gov/ia.</u>

Conservation practices to reduce nutrient loss and improve water quality

Funding:

Duration: Five years (2023-2028) Federal Funds: Financial Assistance \$4,950,000 Technical Assistance \$2,121,429 Partner Contributions: \$14,160,000

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Portions of the following Counties:

Adair, Appanoose, Clarke, Davis, Decatur, Jefferson, Keokuk, Lucas, Madison, Marion, Mahaska, Monroe, Ringgold, Taylor, Union, Van Buren, Wapello, Warren, Wayne. See full map on back.

Partnership:

FDC Enterprises, Inc.

Clinton Jackson Scott Dubuque Muscatine Des Moines, Cedar Jones Louisa Buchanan Delaware Allamakee Clayton Henry Lee Johnson 1 Johninsens Linn 1-2 Internet Jefferson Van Buren Fayette Benton lowa Keokuk I Chickasaw [Wapello Bremer Howard Black Hawk Davis I poweshiek Mahaska Tama Appanoose Grundy Mitchell Monroe Floyd Butler Marshall Jasper Marion Franklin Hardin Cerro Gordo Wayne Worth Lucas r Story Warren Polk Winnebago Webster | Hamilton Hancock Wright Clarke s Decatur S Boone Madison Dallas Humboldt Ringgold Kossuth Union s Greene Adair s Guthrie Pocanontas L Calhoun Palo Alto Emmet Adams Taylor 100000nd Carroll Cass Montgomery Dickinson Buena Vista Sac Page Clay Shelby Crawford Pottawattamie lda Cherokee Osceola Fremont O'Brien Mills Harrison Woodbury Monona Plymouth Sioux Lyon

ATTACHMENT A

S - Southrn Iowa Rural Water Alliance R - Rathburn