Grazing on CRP Lands: Experiences and Challenges



Forum on Grazing on Public and Privately Managed Non-Pasture Grasslands

> Ames, Iowa January 28, 2011

Keri Jacobs
Assistant Professor
kljacobs@iastate.edu
515-294-6780

Conservation Reserve Program Basics

- Authorized in the 1985 Food Security Act and amended/reauthorized in subsequent farm bill
- Objectives include reduced soil, wind and water erosion, improvement of wildlife habitat and populations
- Landowners enter into contract to retire previously productive land from production, 10-15 year contracts
- Largest federal (USDA) private land retirement program
 - Approximately 31.4 million acres; \$1.8 billion in annual payments, cost-sharing, incentives, maintenance
 - Iowa claims 5.35% of CRP acres (1.68 million acres), 12.5% of annual payments (\$214 million annually)

Conservation Reserve Program Basics

- Enrollment achieved through two signup types
 - General competitive enrollment, based on Environmental Benefits
 Index ranking, whole-field practices
 - Continuous noncompetitive, partial-field practices
- Landowners receive annual rental payments, cost-share assistance, maintenance and other incentives
- Per-acre annual rental payments are capped at a maximum soil rental rate based on soil types, land productivity, other parcel characteristics
 - National average: \$46 / acre
 - Iowa average: \$108.28 / acre

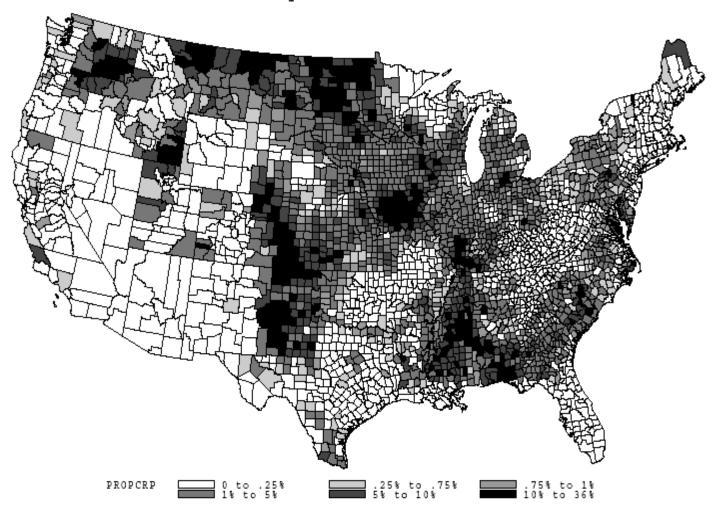
General Signup EBI Factors and Sub Factors

		Signup						
N-Factors	Description	15	16	18	20	26	29	33
N1	Wildlife Habitat Benefits	100	100	100	100	100	100	100
N2	Water Quality Benefits	100	100	100	100	100	100	100
N3	On-Farm Benefits (Erodibility)	100	100	100	100	100	100	100
N4	Long-Term (Enduring) Benefits	50	50	50	50	50	50	50
N5	Air Quality Benefits	25	35	35	35	45	45	45
N6	Conservation Priority Area (CPA)	25	25	25	25	-	-	-
N7	Cost	200	150	150	150	150	150	150
EBI Cut-off Values for Acceptance		259	247	245	246	269	248	242

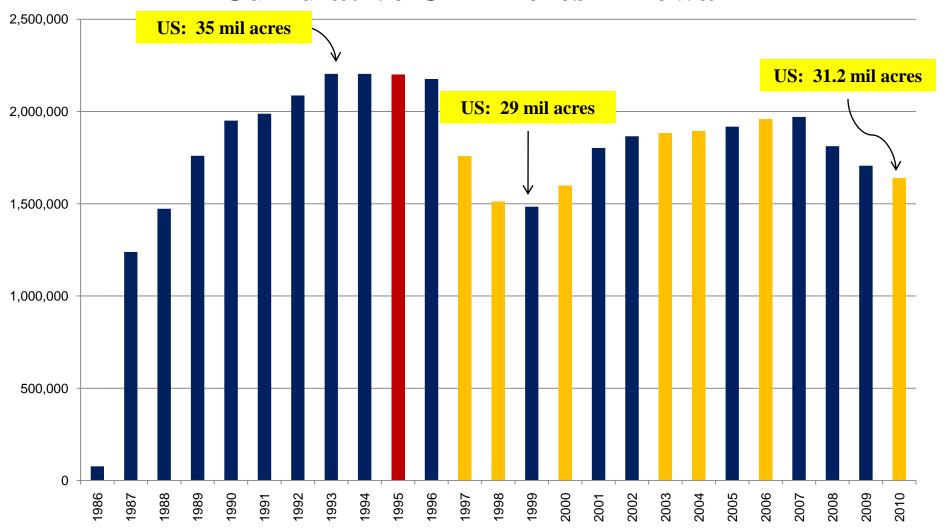
Cianun

Iowa's EBI strength comes from its non-cost EBI components due to high soil rental rates, which are penalized in the EBI

CRP Acreage as a Fraction of Farmland County Level Results



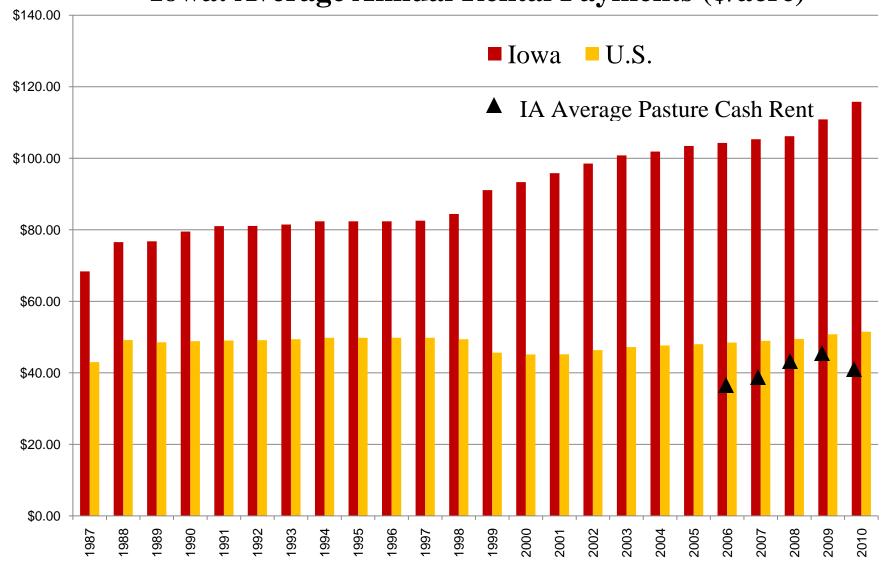
Cumulative CRP Acres in Iowa



IOWA STATE UNIVERSITY

Department of Economics

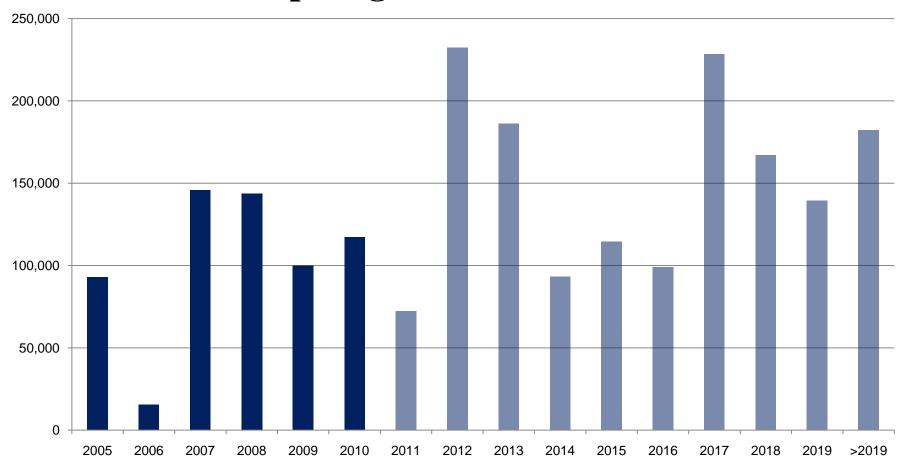
Iowa: Average Annual Rental Payments (\$/acre)



IOWA STATE UNIVERSITY

Department of Economics

Expiring CRP Acres in IA



Grazing Procedures

Concern is primary nesting season for wildlife

Established jointly by state FSA and NRCS technical committees

Two grazing authorizations

- Managed grazing: allowed to improve the performance of the cover established by landowners
- Emergency grazing: relief to livestock producers in the event of certain natural disasters

Managed Grazing

- Not more frequently than 1 out of every 3 years
- Location specific some areas may not be allowed managed grazing
- Ineligible if emergency grazing occurred in any of previous two years
- Authorized for a single period of 120 days or two periods, 60 days each.
- Landowner must file request with local FSA office

Emergency Grazing

- 1. Authorization provided by National FSA
- Eligibility determined on a county-by-county basis
- Requires at least a 40% loss in pasture production and
 - drought characterized by at least 40% reduction in precipitation in previous 4 months,

OR

- excessive precipitation 140% greater than normal during previous 4 months
- Acreage for grazing restricted to county or portion of county, based on prevailing conditions

Emergency Grazing

- 2. Authorization provided by State FSA
- County FSA offices may request emergency grazing for a county (or portion of) based on Drought Monitor (D3, D4)
- Up to 120 days in a single period (consecutive)

Restrictions to Grazing

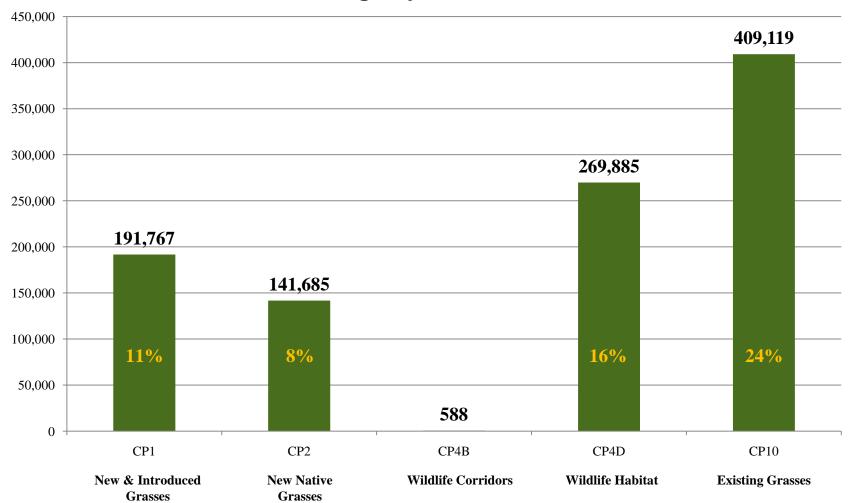
- Payment reductions required
 - 25% for managed grazing
 - 10% for emergency grazing
- Request filed with county FSA office
- Modified conservation plan must be developed with the NRCS before grazing can occur
 - Must address local wildlife needs and concerns
 - Must maintain vegetative cover, minimize soil erosion, and protect water and wildlife habitat quality

Restrictions to Grazing

Conservation Practices (CPs) eligible for grazing

- CP1 New introduced grasses and legumes (7% of coverage nationally)
- CP2 New native grasses (20% of coverage nationally)
- CP4B Wildlife corridors (< .1% of coverage nationally)
- CP4D Wildlife habitat (3.5% of coverage nationally)
- CP10 Existing grasses (36% coverage nationally)
- CP18B and CP18C Salinity reducing vegetation; continuous signup practice (< 1% coverage nationally)

Acreage by CP in Iowa



IOWA STATE UNIVERSITY

Department of Economics

Restrictions to Grazing

In addition to CP restrictions...

- Not allowed on useful life easements
- Not on land within 100 feet of stream or permanent water body

Emergency Grazing Allowances

- 2006 emergency haying & grazing in 30 states due to drought (started in OK & TX due to wildfires)
- 2007 emergency grazing on large scale (nationally)
- 2008 USDA announces authorization of 24 millions acres of CRP to be used for livestock feed but action was blocked by National Wildlife Federation lawsuit.

• Local grazing allowances occur yearly (flooding in IA, for example)

Direction of Program Going Forward

• 2008 farm bill language weighted toward "working land" conservation, movement away from land retirement

 Budget issues surrounding next farm bill likely to diminish support for a CRP that reduces production

Thank you for your time!

Questions? kljacobs@iastate.edu

515-294-6780