

Resource Conserving Crop Rotation (RCCR) – Supplemental payment activity – CCR99



Activity Description

Resource-conserving crop rotation means a crop rotation that:

1. Includes at least one resource conserving crop as determined by the State Conservationist;
2. Reduces erosion;
3. Improves soil fertility and tilth;
4. Interrupts pest cycles; and
5. In applicable areas, reduces depletion of soil moisture or otherwise reduces the need for irrigation.

Resource-conserving crop means a crop that is one of the following:

1. A perennial grass;
2. A legume grown for use as forage, seed for planting, or green manure;
3. A legume-grass mixture;
4. A small grain grown in combination with a grass or legume green manure crop whether inter-seeded or planted in rotation.

Land Use Applicability

Cropland (this does not include permanent hayland, orchards, or vineyards).

Criteria for Resource Conserving Crop Rotations:

The resource conserving crop rotation shall include at least one of the following resource-conserving crops:

1. A perennial grass grown at least 1 year after the seeding year with at least one other crop in the rotation.
2. A legume that is grown at least 1 year after the seeding year with at least one other crop in the rotation.
3. A legume-grass mixture that is grown at least 1 year after the seeding year with at least one other crop in the rotation,
4. A small grain grown in combination with a grass or legume that is used as a green manure, whether interseeded or planted after small grain harvest with at least two other crops in the rotation. Neither the small grain residue nor the cover crop shall be harvested or grazed.



This activity can apply to the modification of an existing RCCR to a higher conservation level by one of the following methods:

1. Add years of grass and/or legumes, (Limited to those rotations with a current perennial grass and/or legumes of at least one year beyond the seeding year, but not more than 4 current years of perennial grass and/or legume).
2. Add diversity of crops grown,
3. Add annual crops with cover crops (cover crops shall not be harvested or grazed).

Contract Criteria for Resource Conserving Crop Rotation

1. The rotation shall cover at least 3 fiscal years of the CSP contract.
2. The resource conserving crop rotation is considered adopted when the resource conserving crop is planted on at least 1/3 of the rotation acres. The resource conserving crop must be adopted by the third fiscal year of the contract and established or planted on all rotation acres prior to the final annual payment.

Documentation Requirements

Planned Resource-Conserving Crop Rotation(s):

List crop rotation(s), resource conserving crops, and cover crops that will follow the specific crops as applicable for each rotation to receive supplemental payment:

Rotation#1: _____ Fields: _____ Years _____
Resource Conserving Crop(s) to be used: _____

Rotation#2: _____ Fields: _____ Years _____
Resource Conserving Crop(s) to be used: _____

Rotation#3: _____ Fields: _____ Years _____
Resource Conserving Crop(s) to be used: _____

Records:

- a. Crop rotation records by field
- b. Cover crops planted

2010 Indiana CSP Enhancement Supplemental Information

CCR99 – Conserving Crop Rotation

Cropping Criteria Options:

Examples:

- (1). A minimum of two crops if one of the crops is a perennial grass lasting at least 1 year after the seeding year and at least 1 other crop is in the rotation.
 - Corn silage-wheat-timothy hay where hay is maintained for a minimum of 12 months after the seeding year.
- (2) A legume grown for use as forage, seed for planting, or green manure that is left for at least 1 year after the seeding year, and at least 1 other crop is in the rotation.
 - Corn -Wheat with clover inter-seeded into the wheat and left at least 1 year after the seeding year.
- (3) A legume-grass mix grown for at least 1 year after the seeding year, and at least 1 other crop is in the rotation.
 - Corn silage-wheat-alfalfa/orchardgrass hay where hay is maintained for a minimum of 12 months after the seeding year.
- (4) A small grain grown in combination with a grass or a legume used as a green manure, whether interseeded or planted after grain harvest with at least two other crops in rotation.
 - Corn-Soybeans-Wheat -red clover where red clover interseeded in March and is maintained through fall and not harvested for hay or grazed.
 - Corn- Tomatoes – Wheat with a crimson clover/oilseed radish cover crop mix planted after wheat and not harvested for hay or grazed.

Indiana Resource Conserving Crop Types

Perennial Grasses and Legumes <u>1/</u>	Small Grain Crops <u>2/</u> + (must also include a cover/green manure crop)	Cover/Green Manure Crops <u>3/</u>
Alfalfa Alsike Clover Birdsfoot Trefoil Festulolium Kentucky Bluegrass Lespedeza, Korean, common Orchardgrass Perennial Ryegrass Red Clover Redtop Smooth Brome Tall Fescue Timothy White Clover Wildrye, Canada, Riverbank, Virginia	Barley Millet Oats Rye Triticale Wheat Footnotes: <u>1/</u> Cover must be grown for one year after the seeding year. Must have at least one Other crop in rotation. <u>2/</u> Annual (winter or spring) cereal crops. Not harvested for silage, straw or biomass. Only a Resource Conserving Crop if a cover crop/green manure crop is interseeded or planted after small grain harvest and in a rotation with at least 2 other crops. <u>3/</u> Cover to be established early enough in growing season to provide adequate cover. May not be harvested or grazed.	Alsike Clover Annual Ryegrass Barley Buckwheat* Canola/rape* Cowpeas Crabgrass (red river) Crimson Clover Field Peas/winter peas Hairy Vetch Millet Oats Radish, forage &/or oilseed* Red Clover Rye Sorghum-Sudangrass Hybrids Triticale Turnips* Wheat *May only be used if in a mix with a grass or a legume