

RCPP-Advanced Precision Ag Fund Account Fact Sheet Fiscal Year 2021

Eligibility

The RCPP Advanced Precision Ag for Sustainable Conservation project is for applicants within the Red River and Lower Cumberland Watersheds where both surface and groundwater impairments are a concern with nutrients, bacteria, and sediment being the primary issues. The goal is to advance the implementation of on-farm precision agriculture practices to help ensure the sustainability, resilience, and continued productivity of the area's working lands while improving productivity gains for the producers. **Application Type: CCA**

Eligible Counties		
Caldwell	Livingston	Simpson
Christian	Logan	Todd
Crittenden	Lyon	Trigg

- Ranking Questions**
1. Will the majority of the application acres include planning for the use of variable rate technologies for nutrient application using computer-controlled equipment that adjusts fertilizer application based on management zones or grids?
 2. Full-width tillage was used on 25% or less of the acres included in this application in the past two crop years (2018 & 2019)?
 3. Does this application include planting a multi-species Cover Crop (340) on application acres?
 4. Are conservation practices included in this application to be implemented on offered acres with a majority (51% or more) of soil types that are classified hydrologic group D (high runoff) or group A (high infiltration)?
 5. EQIP planned practice(s) on offered acres include a conservation practice(s) that will improve soil quality, reduce sheet and rill, and/or reduce gully erosion from the existing condition.
 6. **Answer 'Yes' or 'No' to ONE of the following questions:**
 - 6a. Does this application include incorporating a Cover Crop (340) into your rotation on acres where Cover Crop (340) has not previously been implemented which would result in 51% or more of the application acres planted to Cover Crop (340)?
 - 6b. Does this application include incorporating a Cover Crop (340) into your rotation on acres where Cover Crop (340) has not previously been implemented which would result in 50% or less of the application acres planted to Cover Crop (340)?
 7. Does this application include the implementation of a system of practices on application acres such as 590, 340, 329, etc.

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8. Will the practice(s) benefit federally listed threatened or endangered species?
When answering question 2 refer to the KICT Report. Points should be awarded if all of the following occur:
- 1) One or more species are listed in section I of the KICT report
 - 2) One or more benefits are listed in section IV of the KICT report
 - 3) All avoidance measures are or will be implemented in section II of the KICT report
 - 4) The practices are being implemented for the reason(s) specified, and/or result in the benefits described in section IV of the KICT report
- It is recommended that conservation assistance notes be recorded as to the application of which benefits apply and the supporting rationale.*
9. Are the majority (51% or more) of the treated acres included in the Red River (05130206) and/or Lower Cumberland (05130205) Watersheds?
10. Are the majority of the treated acres included in either a well head protection area or karst area as identified by DOW? **(Yes, if more than 50% of applicant's offered acreage falls within the boundaries of these special emphasis areas as per ArcMap)**
11. Are the majority of the treated acres included in either a DOW identified watershed or high-quality waters/classified stream? **(Yes, if more than 50% of applicant's offered acreage falls within the boundaries of these special emphasis areas as per ArcMap).**

Eligible Practices

Conservation Practice	Practice Code	Unit	Practice Lifespan (years) ¹	Payment Cap ²	Payment Limits
Conservation Cover	327	Ac.	5		
Cover Crop	340	Ac.	3		
Critical Area Planting	342	Ac.	10		
Diversion	362	Ft.	10		
Field Border	386	Ac.	10		
Grade Stabilization Structure	410	No.	15		
Grassed Waterway	412	Ac.	15		
Herbaceous Weed Control	315	Ac.	5		
Integrated Pest Management	595	Ac.	1		
Irrigation Water Management	449	Ac.	1		
Lined Waterway or Outlet	468	Ft.	15		
Mulching	484	Ac.	1		
Nutrient Management	590	Ac.	1	\$120,000	\$40K/yr up to 3 yrs.
Residue and Tillage Management, No-Till	329	Ac.	1		
Riparian Forest Buffer	391	Ac.	15		
Riparian Herbaceous Cover	390	Ac.	5		
Structure for Water Control	587	No.	20		
Subsurface Drain	606	Ft.	20		



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Conservation Practice	Practice Code	Unit	Practice Lifespan (years) ¹	Payment Cap ²	Payment Limits
Terrace	600	Ft.	10		
Underground Outlet	620	Ft.	20		
Water and Sediment Control Basin	638	No.	10		

¹ The conservation practice in the EQIP contract must be maintained and used for the intended purpose and the practice lifespan.

² Payment Caps will be 15% higher for Historically Underserved (HU) producers.