

BCAP-4
(proposal 5)

U.S. DEPARTMENT OF AGRICULTURE
Commodity Credit Corporation

BCAP PROJECT AREA PROPOSAL SUBMISSION FORM

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a – as amended). The authority for requesting the information identified on this form is 7 CFR Part 1404 and the Commodity Credit Corporation Charter Act (15 U.S.C. 714). The information will be used to allow the producer to authorize CCC to make a program payment to an assignee. The information collected on this form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated). Providing the requested information is voluntary. However, failure to furnish the requested information will result in a determination that a payment to the assignee cannot be made.

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1. Full Name of Project Area Proposal: <u>(Name to be 1A+1B+1C Combined)</u>			For National Office Use Only	
A. USPS State Code	B. Proposed Project Area Name	C. Proposal Number	2. Approved Project Area ID Number	
3. Full Legal Name of Project Sponsor				
4A. Street Address (Number and Name)	4B. City	4C. State	4D. Zip Code	4E. Mailing Address (Include Zip Code)
5. County and State of Primary Location Project Facility	6. State/County FIPS Code	7. Telephone Number (Include Area Code)	8. Email Address	

FACILITY OVERVIEW (Project Area Sponsor Facility/Operation Status)

9A. Project Sponsor Facility/Operation is on the date of this proposal is submitted to USDA (Check Only One):

<input type="checkbox"/> (1) Fully operational for converting biomass and already USDA Qualified as a Biomass Conversion Facility to support BCAP Matching Payments.	Prepare and attach copy of : 1. Existing Fully Approved BCAP-1 2. Existing Fully Signed CHST Agreement 3. New Completed form BCAP-6 4. New Completed form AD-1047
<input type="checkbox"/> (2) Fully operational for converting biomass, but <u>not</u> USDA Qualified to support BCAP Matching Payments. (Not USDA Qualified to support BCAP Matching Payments)	Prepare and attach copy of: 1. New completed form BCAP-1 2. New completed CHST Agreement 3. New Forms/Documents for BCAP-1 4. New completed form BCAP-6 5. New completed form AD-1047
<input type="checkbox"/> (3) Operational as a general commercial facility, but must be modified/retrofitted for converting biomass. (Also have copies of completed (a) professional engineering design plan, and (b) a business/financial operations plan. But not currently USDA Qualified to support BCAP Matching Payments)	Prepare and attach copy of: 1. New completed for BCAP-1 2. New completed CHST Agreement 3. New Additional Forms/Documents for BCAP-1 4. Existing Professional engineering design plan 5. Existing Business/financial operations plan. 6. New completed form BCAP-6 7. New completed form AD-1047
<input type="checkbox"/> (4) Not yet operating primarily a biomass conversion facility - - Under construction and plan to become primarily a biomass conversion facility. (Also have copies of completed (a) professional engineering design plan, and (b) a business/financial operations plan. But not currently USDA Qualified to support BCAP Matching Payments)	
<input type="checkbox"/> (5) Not yet an operating as a general commercial facility - - Under construction and plan to include biomass conversion operations as part of the facility. (Also, have copies of completed (a) professional engineering design plan, and (b) a business/financial operations plan. But not currently USDA Qualified to support BCAP Matching Payments)	
<input type="checkbox"/> (6) Not yet under construction or otherwise in existence; but have completed (a) professional engineering design plan, and (b) a business/financial operations plan. (Not currently USDA Qualified to support BCAP Matching Payments)	
<input type="checkbox"/> (7) Not yet under construction and do not have both a (a) a completed professional engineering design plan, and (b) a business/financial operations plan.	(INELIGIBLE - - DISCONTINUE AND DO NOT SUBMIT PROPOSAL)

9B. Describe the Project Sponsor Facility/Operation on the date of this proposal is submitted to USDA:

The Facility/Operation (*Check all that Apply*):

- (1) Currently or will convert biomass to heat.
- (2) Currently or will convert biomass to power.
- (3) Currently or will convert biomass to advanced biofuels.
- (4) Currently or will convert biomass bio-based products.
- (5) Is a single facility at one location in or near a project area, or
- (6) Is a group of facilities at multiple locations in or near a project area.
- (7) Uses a single biomass conversion technology.
- (8) Uses multiple biomass conversion technologies.
- (9) Will require biomass deliveries to be made only to the single facility location.
- (10) Will support biomass deliveries to either multiple facility locations and/or satellite delivery locations.
- (11) Is an Initial processor of biomass .
- (12) Is an Intermediate processor of biomass.
- (13) Is an End-User or Terminal processor of biomass.

10. Submit Project Area Proposal's Precise Geographic Boundaries (*Attach a Map with the proposed project area clearly delineated*).
Project Area Boundaries are proposed to follow an area (*Check One of the Following Boundary Delineation Methods and Complete*):

- A. Comprised of 1 or more whole contiguous U.S. Counties. (*List all counties by State/County Name on the attached map*).
- B. Comprised by 1 or more contiguous USGS Watershed Boundaries (Hydrologic Unit Area 8 a.k.a "HUA 8"). List all HUA-8 USGS Numbers on the attached map.
- C. Comprised of a combination of Item 10A and Item 10B above. (*List the State/County Names and HUA-8 Numbers on the attached map*).
- D. Delineated by major highways. (*List the highways by number on the attached map*).
- E. Delineated by longitude and latitude coordinates. (*List the longitude and latitude coordinates on the attached map*).
- F. Delineated by a circle developed using a linear radius of _____ miles (*Insert number of mile for the Radius*) from the exact location of the primary facility, and attach map of the proposed circle.

NOTE: After receipt of proposals USDA-FSA will prepare a GIS shape file map of the proposal area for return to the project sponsor for verification of the delineation accuracy, and , subsequent support for standardized FSA automation of approved BCAP Project Areas.)

D. List all Suitable Existing (Woody Perennial) Tree Species to be Acceptable for Project Area Enrollment on Contract Acreage and include all Minimum Requirements for Enrolling Any Existing Tree Acreage.

Existing Tree Cover on Non-Industrial Private Forest Land	1. List Common Name and Scientific Name	2. Minimum Requirements

12. Woody Perennial Contract Duration Recommendation. The Project Sponsor Recommends the following BCAP Contracts Lengths be Approved as part of this Proposal for the following Categories of Woody Perennial Energy Crops. *(If more than one is selected, describe in Item 12C):*

A. Land to be Established to New Woody Perennial Crops/Plants:

- 5 Years
 10 Years
 15 Years

B. Land with Adequate Existing Woody Perennial Biomass Energy Crops/Plants:

- 5 Years
 10 Years
 15 Years

C. Notes

13. Proposed Biomass Production/Utilization Schedule by Year (*Record Total Dry Tons for Each Year Planned from All Sources*). Enter Acreage and Tonnage Estimates for each Applicable Calendar Year Beginning after the Proposal is Approved:

	Dry Tons Harvested/Collected from	(1) Total Acres	(2) Total Dry Tons
Year 1	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 2	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 3	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 4	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 5	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 6	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		
Year 7	A. Planted Cropland (<i>Contract Acreage</i>)		
	B. Planted Pastureland/Grassland/Hayland (<i>Contract Acreage</i>)		
	C. Planted NIPF (<i>Contract Acreage</i>)		
	D. NIPF with Adequate Existing Biomass (<i>Contract Acreage</i>)		
	E. Other Sources of Biomass (<i>Non-Contract Acreage</i>)		

13. Proposed Biomass Production/Utilization Schedule by Year (Continuation)

	Dry Tons Harvested/Collected from	(1) Total Acres	(2) Total Dry Tons
Year 8	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 9	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 10	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 11	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 12	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 13	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		
Year 14	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		

13. Proposed Biomass Production/Utilization Schedule by Year (Continuation)			
	Dry Tons Harvested/Collected from	(1) Total Acres	(2) Total Dry Tons
Year 15	A. Planted Cropland (Contract Acreage)		
	B. Planted Pastureland/Grassland/Hayland (Contract Acreage)		
	C. Planted NIPF (Contract Acreage)		
	D. NIPF with Adequate Existing Biomass (Contract Acreage)		
	E. Other Sources of Biomass (Non-Contract Acreage)		

14. Summary of Project Area Land Classification (Provide Proposed Acreage Goals and Biomass Production Estimate Information):		
Summarize Acreage Goals By Land Class	(1) Enter Summary Acreage Amount	(2) Total Biomass Production Estimate (Total Dry Equivalent Tons Expected at Full Production When Fully Enrolled)
A. <u>Total acreage of all land in the in the proposed project area.</u>		Dry Tons
B. <u>Total Acreage Enrollment Goal.</u> (Total acreage planned to be established to new biomass energy crops on BCAP contracts in the project area when fully enrolled.)		Dry Tons
C. <u>Total Cropland Enrollment Goal.</u> (Total acreage of cropland planned to be established to new biomass energy crops on BCAP contracts in the project area when fully enrolled.)		Dry Tons
D. <u>Total Pastureland/Grassland/Hayland enrollment goal.</u> (Total acreage of Pastureland/Grassland/Hayland planned to be established to new biomass energy crops on BCAP contracts in the project area when fully enrolled.)		Dry Tons
E. <u>Total NIPF enrollment goal for NEW ENERGY CROP PLANTINGS.</u> (Total acreage of non-industrial private forestland planned to be established to new biomass energy crops on BCAP contracts in the project area when fully enrolled.)		Dry Tons
F. <u>Total NIPF enrollment goal for LAND WITH ADEQUATE EXISTING WOODY BIOMASS ENERGY CROPS/PLANTS.</u> (Total acreage of Non-industrial private forestland planned with adequate existing woody biomass plants to be enrolled on BCAP contracts in the project area when fully enrolled.)		Dry Tons

NOTES:
 (1) The acreage totals entered in Item 14 must be equal to the sum of the acreage goal totals by year entered in Item 13 for each land class.
 (2) The biomass totals entered in Item 14 must be equal to the sum of the biomass goal totals by year entered in Item 13 for each land class.
 (3) The acreage and Tonnage amounts entered for Item 14B must be less than or equal to the acreage entered for Item 14A.
 (4) The acreage and Tonnage total of Items (14C + 14D + 14E + 14F) must equal Item 14B.

15A. Other Sources of Biomass to be Used by the Facility in the Project. (From either inside or outside of the Project Area.)			
List all additional sources/types of biomass planned for, and/or currently utilized by the facility from non-BCAP contract acreage, including all biomass eligible for BCAP Matching Payments at the time this proposal is submitted on the attached fully approved BCAP-1forms.	(a) Biomass Type	(b) Annual Total Dry Equivalent Tons Expected at Full Production	(c) Percent to be Harvested/Collected from Federal Land
(1) First Other Biomass Type		Dry Tons/Year	%
(2) Second Other Biomass Type		Dry Tons/Year	%
(3) Third Other Biomass Type		Dry Tons/Year	%
(4) Fourth Other Biomass Type		Dry Tons/Year	%
(5) Total for all Biomass Types		Dry Tons/Year	%

NOTE: The Dry Tons/Year total of Items (15(1)(b) + 15(2)(b) + 15(3)(b) + 15(4)(b) must equal Total Item 15(5)(b).

15B. Total Estimated Biomass Production/Utilization:
 Total Project Dry Tons (Items 14(2) [total for all rows] + 15A(5)(b) times the total project years): _____

TO BE COMPLETED BY USDA

16A. Project Proposal Cost Estimate -- Annual Payments

Annual Contracts Payments	(a) Copy Total Acreage		(b) Weighted Average Contract Payment Rate for Project Area	X		(c) Estimated Total Annual Contract Payments
(1) Total <u>Cropland</u> Enrollment Goal (Item 14C(1) on page 7)		X	\$/Acre	5 Years	=	\$
(2) Total <u>Pastureland/Grassland/Hayland</u> Enrollment Goal (Item 14D(1) on page 7)		X	\$/Acre	5 Years	=	\$
(3) Total <u>NIPF -- NEW ENERGY CROP PLANTINGS</u> Enrollment Goal (Item 14E(1) on page 7)		X	\$/Acre	5 Years	=	\$
(4) Total <u>NIPF - - LAND WITH ADEQUATE EXISTING WOODY BIOMASS ENERGY CROPS</u> Enrollment Goal (Item 14C(1) on page 7)		X	\$/Acre	5, 10, or 15 Years	=	\$
(5) TOTALS						\$

TO BE COMPLETED BY USDA

16B. Project Proposal Cost Estimate -- Establishment Payments (Summarize the Acreage for each Unique Energy Crops to be Planted (from Item 11(2) on page 3) by All Land Classes)

Energy Crops	i. Summarize Total Acreage		ii. 75% Establishment Flat Rate/Acre (Estimate)		iii. Total Estimated Establishment Payment
(1) Non-Woody Perennial Crops:					
(a) Designated <u>Non-Woody Perennial</u> Energy Crop 1. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(b) Designated <u>Non-Woody Perennial</u> Energy Crop 2. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(c) Designated <u>Non-Woody Perennial</u> Energy Crop 3. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(d) Designated <u>Non-Woody Perennial</u> Energy Crop 4. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(e) Designated <u>Non-Woody Perennial</u> Energy Crop 5. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(f) Designated <u>Non-Woody Perennial</u> Energy Crop 6. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(g) Designated <u>Non-Woody Perennial</u> Energy Crop 7. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(h) Designated <u>Non-Woody Perennial</u> Energy Crop 8. (List Common Name and Scientific Name)		X	\$/Acre	=	\$

16B. Project Proposal Cost Estimate (Continuation)					
Energy Crops	i. Summarize Total Acreage		ii. 75% Establishment Flat Rate/Acre (Estimate)		iii. Total Estimated Establishment Payment
(i) Designated <u>Non-Woody Perennial</u> Energy Crop 9. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(j) Designated <u>Non-Woody Perennial</u> Energy Crop 10. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
2. Woody Perennial Crops:					
(a) Designated <u>Woody Perennial</u> Energy Crop 1. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(b) Designated <u>Woody Perennial</u> Energy Crop 2. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(c) Designated <u>Woody Perennial</u> Energy Crop 3. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(d) Designated <u>Woody Perennial</u> Energy Crop 4. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(e) Designated <u>Woody Perennial</u> Energy Crop 5. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(f) Designated <u>Woody Perennial</u> Energy Crop 6. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(g) Designated <u>Woody Perennial</u> Energy Crop 7. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(h) Designated <u>Woody Perennial</u> Energy Crop 8. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(i) Designated E <u>Woody Perennial</u> Energy Crop 9. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
(j) Designated E <u>Woody Perennial</u> Energy Crop 10. (List Common Name and Scientific Name)		X	\$/Acre	=	\$
3. TOTALS					\$
NOTE: Exclude all Annual Crops (These are not eligible for Establishment Payment)					

17. Project Impacts (The Project Sponsor Submits the Following Estimates as Recommendations to USDA):		
A. Criteria 1 The volume of the eligible crops proposed to be produced in the proposed project area and the probability that such crops will be used for BCAP purposes. This factor is to be scored based on the expected likelihood that the designated crops are suitable to be produced within the project area (both agronomically and tonnage volume based on project area size) AND the proposed annual tonnage will be utilized by the BCF for BCAP purposes when the project is fully operational.	Project Sponsor Recommended	To Be Completed By USDA
		Determination by USDA
<input type="checkbox"/> (1) No or slight probability (0-10%)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) Moderate probability (11-35%)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) Substantial probability (36-60%)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (4) High probability (61-90%)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (5) Extremely high probability (91-100%)	<input type="checkbox"/>	<input type="checkbox"/>
B. Criteria 2 The volume of renewable biomass projected to be available from sources other than the eligible crops grown on contract acres. This factor is to be scored based on the expected tonnage volume from non-BCAP land contract sources of suitable biomass for the BCF's use in relationship to the BCF's total annual biomass needs located within an economically viable distance of the BCF.		
<input type="checkbox"/> (1) 0-4% of expected annual biomass needs available	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) 5-25% of expected annual biomass needs available	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) 26-50% of expected annual biomass needs available	<input type="checkbox"/>	<input type="checkbox"/>
NOTE: "Expected annual biomass needs" includes current and future biomass harvesting and collection from plants already or routinely established when the project proposal is submitted. This also includes biomass that also qualifies only for BCAP matching payments.		
C. Criteria 3 The anticipated economic impact in the proposed project area. This factor is to be scored based on the number of new full-time permanent jobs the facility and project area is expected to create when fully implemented.		
<input type="checkbox"/> (1) 0-3 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) 4-6 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) 7-9 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (4) 10-12 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (5) 13-15 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (6) 16-18 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (7) 19-21 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (8) 22-25 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (9) 26-29 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (10) 30-40 new jobs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (11) 41 or more new jobs	<input type="checkbox"/>	<input type="checkbox"/>

<p>D. Criteria 4 The opportunity for producers and local investors to participate in the ownership of the biomass conversion facility in the proposed project area.</p> <p>This factor is scored based on percent ownership of the biomass conversion facility by local investors in the project area.</p> <p>NOTE: Local investors would be defined as individuals who reside in an area within a 50 miles radius of the BCF based on the information provided on form CCC-901 (Members Information 2009 and Subsequent Years) by the project sponsor.</p>		Project Sponsor Recommended	<p style="background-color: black; color: white; text-align: center;">To Be Completed By USDA</p> <p style="text-align: center;">Determination by USDA</p>
<input type="checkbox"/> (1) 0 to 10 % owned locally		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) 11 to 30 % owned locally		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) 31 to 50 % owned locally		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (4) 51 to 70 % owned locally		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (5) 71 to 100 % owned locally		<input type="checkbox"/>	<input type="checkbox"/>
<p>E. Criteria 5 The participation rate by beginning or socially disadvantaged farmers or ranchers.</p> <p>This factor would be assigned based on the total number of expected participation rates by socially disadvantaged and beginning farmers and ranchers combined in relation to the total number of expected participants.</p>			
<input type="checkbox"/> (1) 0-2% participation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) 3-4% participation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) 5-6% participation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (4) 7-8% participation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (5) 9-10% participation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (6) 11% and higher participation		<input type="checkbox"/>	<input type="checkbox"/>
<p>F. Criteria 6 The impact on soil, water, and related resources.</p> <p>These factors will be assigned based upon the impact the proposed project has upon Soil, Water, Air, Plant, Animal, and Green-House-Gases (SWAPAG) after full implementation when compared to current land use.</p>			
(1) Soil Erosion	<p>Will overall soil erosion decrease substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(2) Soil Quality	<p>Will overall soil quality improve substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(3) Water Quality	<p>Will overall water quality improve substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(4) Water Quantity	<p>Will overall water quantity increase substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(5) Air Quality	<p>Will overall air quality improve substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(6) T&E Plant and Animal Species	<p>Will the project area have a positive impact on any threatened or endangered plant or animal species?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(7) Wildlife	<p>Will overall wildlife habitat improve substantially?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
(8) Greenhouse Gasses	<p>Will the project overall, including new crop plantings, biomass processing and delivery, and BCF biomass processing operations result in a net decrease in greenhouse gasses?</p> <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<p>G. Criteria 7 The variety in biomass production approaches within a project area, including, as appropriate, agronomic conditions, harvest and postharvest practices, and monoculture and polyculture crop mixes.</p> <p>These factors will be assigned based upon the suitability of the agronomic conditions, harvest and postharvest practices, and monoculture and polyculture crop mixes to the proposed project.</p>		Project Sponsor Recommended	<div style="background-color: black; color: white; padding: 2px; text-align: center;">To Be Completed By USDA</div> Determination by USDA
(1) Variety of Agronomic Conditions	Project area suitability of agronomic conditions for producing the proposed energy crops.		
	<input type="checkbox"/> Not Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Marginally Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Generally Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Highly Suitable	<input type="checkbox"/>	<input type="checkbox"/>
(2) Variety of Harvest and Post Harvest Practices	Project area suitability to support, (or potential ability and economical adaptability to support), a variety of harvest and post harvest practices for biomass processing and handling.		
	<input type="checkbox"/> Not Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Marginally Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Generally Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Highly Suitable	<input type="checkbox"/>	<input type="checkbox"/>
(3) Variety of Crop Mixes	Project area suitability to produce a variety of energy crops.		
	<input type="checkbox"/> Only Monoculturally Suitable	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Marginally Suitable for Polyculture	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Generally Suitable for Polyculture	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Highly Suitable for Polyculture	<input type="checkbox"/>	<input type="checkbox"/>
<p>H. Criteria 8 The range of eligible crops among project areas</p> <p>These factors will be assigned based upon the number of plant varieties listed in the project proposal for establishment on BCAP contract acreage. (A recommendation for this criteria must be based on the number of crops list in Item 12 on page 4.)</p>			
<input type="checkbox"/> (1) 1 plant variety (monoculture)		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (2) 2-3 plant varieties		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (3) 4-5 plant varieties		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (4) 6-7 plant varieties		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> (5) 8 or greater plant varieties		<input type="checkbox"/>	<input type="checkbox"/>