Exhibit Number: P11-16, Plan 87, 88, 89

Record Name: Acreage Record Code: P11 Reinsurance Year: 2024 Version: Approved Release Date: 7/1/2023

Coverage Level Percent will be 90% or 95%. Edit

with ADM Area Coverage Level, A01130", Area

Loss Trigger.

Enhanced Coverage	Option Endorsement	ECO)

Enhanced Coverage Option Endorsement (ECO)								
Insurance Plan Code	87 ECO Yield Protection	88 ECO Revenue Protection			89 ECO Revenue Protec	ction with Harvest Price Exclusi	on	
	0011 Wheat	0051 Grain Sorghum	0229 Flue (	Cured Toba	ссо			
	0015 Canola	0055 Cultivated Wild Rice	0230 Fire C	ured Tobac	ссо			
	0016 Oats	0049 Safflower	0231 Burle	y Tobacco				
	00174 Millet	0059 Silage Sorghum	0233 Dark	Air Tobacco	)			
	0018 Rice	0062 Hybrid Corn Seed	0235 Cigar	Binder Tob	рассо			
	0021 Cotton	0067 Dry Peas	0396 Sesan	ne				
<b>Commodity Code</b>	0022 Cotton Ex Long Staple	0075 Peanuts						
	0031 Flax	0078 Sunflowers						
	0039 Sugar Beets	0080 Hybrid Seed Rice	80 Hybrid Seed Rice					
	0041 Corn	0081 Soybeans	D81 Soybeans					
	0043 Popcorn	0091 Barley	1091 Barley					
	0047 Dry Beans	0114 Buckwheat	0114 Buckwheat					
	0050 Hybrid Sorghum Seed							
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Section 1: Liability Calcula	ation							
		Coverage Range	Internal		9.9999	2 decimal places	Coverage Range is the difference between the Coverage Level Percent and the Area Loss End.	
Coverage Range	e = Coverage Level Percent - Area Loss End	Area Loss End	ADM		9.99	2 decimal places	Area Loss End will be .86 (86%). Edit with ADN Area Coverage Level, 'A01130', Area Loss End	

P14

34

9.9999

2 decimal places

Coverage Level Percent

Exhibit Number: P11-16, Plan 87, 88, 89

Record Name: Acreage Record Code: P11 Reinsurance Year: 2024 Version: Approved Release Date: 7/1/2023

Enhanced	l Coverage	Option End	lorsement (	ECO)	)

Insurance Plan Code	87 ECO Yield Protection	88 ECO Revenue Protection	89 ECO Revenue Protection with Harvest Price Exclusion
	0011 Wheat	0051 Grain Sorghum	0229 Flue Cured Tobacco
	0015 Canola	0055 Cultivated Wild Rice	0230 Fire Cured Tobacco
	0016 Oats	0049 Safflower	0231 Burley Tobacco
	00174 Millet	0059 Silage Sorghum	0233 Dark Air Tobacco
	0018 Rice	0062 Hybrid Corn Seed	0235 Cigar Binder Tobacco
	0021 Cotton	0067 Dry Peas	0396 Sesame
Commodity Code	0022 Cotton Ex Long Staple	0075 Peanuts	
	0031 Flax	0078 Sunflowers	
	0039 Sugar Beets	0080 Hybrid Seed Rice	
	0041 Corn	0081 Soybeans	
	0043 Popcorn	0091 Barley	
	0047 Dry Beans	0114 Buckwheat	
	0050 Hybrid Sorghum Seed		
		Field	Record Field Field Field

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
	Expected Commodity Value	Internal		999999999	Round to whole number	Expected Crop Value
Expected Commodity = Underlying Liability Amount / Coverage Level Percent	Underlying Liability Amount	Internal		999999999	None	Underlying Liability Amount.
Value	Coverage Level Percent	P14	34	9.9999	2 decimal places	Coverage Level Percent will be the corresponding underlying policy Coverage Level Percent.
Total Guarantee = Expected Commodity Value * Coverage Range	Total Guarantee	Internal		9999999999	Round to whole number.	Maximum Supplemental Protection
	Liability Amount	P11	101	9999999999	Round to whole number	Supplemental Protection  Cup at \$1.
Liability Amount = Total Guarantee * Price Election Percent	Price Election Percent	P14	35	9.9999	2 decimal places	Edit with ICE Price Election Percent , "D00007".  Protection Factor will be 1.00 (100%). Protection Factor can range from .5 (50%) to 1.00 (100%) in increments of 0.01 (1%).  ECO lines covering cottonseed liability will reflect the elected ECO Protection Factor as reported in the Price Election Percent field.

Exhibit Number: P11-16, Plan 87, 88, 89

Record Name: Acreage Record Code: P11 Reinsurance Year: 2024 Version: Approved Release Date: 7/1/2023

Enhanced Coverage Option Endorsement (ECO)	Enhanced	Coverage	Option	Endorsement	(ECO	)
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Insurance Plan Code	87 ECO Yield Protection	88 ECO Revenue Protection		89 ECO Revenue Protec	ction with Harvest Price Exclusio	on
	0011 Wheat	0051 Grain Sorghum	0229 Flue Cured 1	obacco		
	0015 Canola	0055 Cultivated Wild Rice	0230 Fire Cured T	obacco		
	0016 Oats	0049 Safflower	0231 Burley Toba	ссо		
	00174 Millet	0059 Silage Sorghum	0233 Dark Air Tob	ассо		
	0018 Rice	0062 Hybrid Corn Seed	0235 Cigar Binder	Tobacco		
	0021 Cotton	0067 Dry Peas	0396 Sesame			
Commodity Code	0022 Cotton Ex Long Staple	0075 Peanuts				
	0031 Flax	0078 Sunflowers				
	0039 Sugar Beets	0080 Hybrid Seed Rice				
	0041 Corn	0081 Soybeans				
	0043 Popcorn	0091 Barley				
	0047 Dry Beans	0114 Buckwheat				
	0050 Hybrid Sorghum Seed					
		<u>Field</u>	Record Fiel	d <u>Field</u>	<u>Field</u>	
	Calculations	Name	Number Num	<u>ber</u> <u>Format</u>	Rounding	Rules

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Number	<u>Number</u>	Format	Rounding	<u>Rules</u>	
ection 2: Total Premium, Subsidy, and Producer Premium Calculation							
	Preliminary Total Premium Amount	Internal		999999999	Round to whole number.		
Preliminary Total = Liability Amount * Base Rate * Total Premium Premium Amount = Multiplicative Optional Rate Adjustment Factor	Base Rate	ADM		9.9999	None	Edit with ADM Area Rate, "A01135". If ECO is elected for underlying Cottonseed Option (SE), or Malting Barley Endorsement Option, then rate for that option.	
	Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If underlying P11 has Short Rate, "SR", in Insurance option Code List then this ECO P11 must have this option. Edit with ADM Option Rate, "A01060" based on ECO insurance plan. Currently this will be used for Short Rate Option.	
	Total Premium Amount	P11	102	999999999	Round to whole number.		
Total Premium Amount = Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.	
Cubaidu Amanust - Tatal Dannium Amanust * Cubaidu Dannast	Subsidy Amount	P11	100	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 3 for subsidy calculations.	
Subsidy Amount = Total Premium Amount * Subsidy Percent	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070". SCO premium subsidy is 65% (0.65).	
Producer Premium = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	103	999999999	Round to whole number.		

Exhibit Number: P11-16, Plan 87, 88, 89

Record Name: Acreage Record Code: P11 Reinsurance Year: 2024 Version: Approved Release Date: 7/1/2023

Enhanced	l Coverage	Option End	lorsement (	(ECO	)
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Insurance Plan Code	87 ECO Yield Protection	88 ECO Revenue Protection	89 E	CO Revenue Protec	ction with Harvest Price Exclusion	on
	0011 Wheat	0051 Grain Sorghum	0229 Flue Cured Tobacco			
	0015 Canola	0055 Cultivated Wild Rice	0230 Fire Cured Tobacco			
	0016 Oats	0049 Safflower	0231 Burley Tobacco			
	00174 Millet	0059 Silage Sorghum	0233 Dark Air Tobacco			
	0018 Rice	0062 Hybrid Corn Seed	0235 Cigar Binder Tobacco			
	0021 Cotton	0067 Dry Peas	0396 Sesame			
Commodity Code	0022 Cotton Ex Long Staple	0075 Peanuts				
	0031 Flax	0078 Sunflowers				
	0039 Sugar Beets	0080 Hybrid Seed Rice				
	0041 Corn	0081 Soybeans				
	0043 Popcorn	0091 Barley				
	0047 Dry Beans	0114 Buckwheat				
	0050 Hybrid Sorghum Seed					
		Field	Record Field	Field	Field	

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>		
ection 3: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR), Native Sod (NS) and Conservation Compliance (CC) Subsidy Calculations								
Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		999999999	Round to whole number	Cupped by the standard rule of \$1 if applicable.		
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".		
BFR/VFR Subsidy Amount = Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0. 0.10 (10%).		
Native Sod Subsidy Amount = Total Premium Amount * 0.50	Native Sod Subsidy Amount	Internal		9999999999	Round to whole number	If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.		
CC Subcidy Poduction	CC Subsidy Reduction Percent	P11	76	9.9999	None	If Applicable; else 0.		
CC Subsidy Reduction Amount = Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Amount	P11	118	999999999	Round to whole number	CC Subsidy Reduction Amount. If Applicable; else 0.		
Base Subsidy Amount + BFR/VFR Subsidy Amount - Subsidy Amount = Native Sod Subsidy Amount - CC Subsidy Reduction Amount	Subsidy Amount	P11	100	9999999999	Round to whole number	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.		
Producer Premium Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	103	999999999	Round to whole number			