Exhibit Name: Premium Calculation Exhibit Number: P11-8, Plan 55 Record Name: Acreage Record Code: P11

Record Code	:. F11			Kelease Date	:. 3/0/2023	
Insurance Plan Code	55 Yield Based Dollar Amount o	Insurance				
<u>Commodity Code</u> 0050 Hybrid Sorghum Seed	0062 Hybrid Seed Corn 0066 Hybrid Vegetable Seed			0080 Hybrid Seed I	0093 Hybrid Sweet Corn Seed 0334 Hybrid Popcorn Seed	
<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>
Section 1: Liability Calculation						
When Commodity is <u>not</u> "0093," Hybrid Sweet Corn Seed, "0334," Hybrid Popcorr	Seed, or "0066", Hybrid Vegetab	le Seed:				
Approved Viold _ (County Yield * Yield Price Factor) – Minimum Paymen	Approved Yield	P11	42	9999999.99	If Unit of Measure equals pounds, "LBS", then round to whole number. Otherwise, round to 1 decimal.	
Approved Yield = (County Field Field File Factor) = William Faymer Quantity	County Yield	ADM		9999.9	None	Edit with ADM Base Rate, "A01010".
Quality	Yield Price Factor	ICE		9.9999	None	Coverage Level Factor from SPOI. Edit with Yield Price Factor ICE, "D00041".
	Minimum Payment Quantity			999999.9		Minimum Payment Quantity must be converted to applicable Unit of Measure (whole number for pounds, 1 decimal for bushels).
Premium Acre Guarantee Quantity = Approved Yield * Price Election Amount	Premium Acre Guarantee Quantity	Internal		99999999.99	Round to whole number.	
	Price Election Amount	P11	45	9999.9999	None	If the HS option is elected, where applicable via the ADM, price should reflect higher of MPCI or HPSE price (A00810 Hybrid Seed Option Price).
When Commodity is "0066", Hybrid Vegetable Seed:						
Approved Yield = County Yield * Coverage Level Percent	Approved Yield	P11	42	99999999.99	If Unit of Measure equals pounds, "LBS", then round to whole number. Otherwise, round to 1 decimal.	
	County Yield	ADM		999.9	None	Edit with ADM Base Rate, "A01010".
	Coverage Level Percent	P14	34		None	
Premium Acre Guarantee _ ROUND(Approved Yield * Price Election Amount - Quantity	Premium Acre Guarantee Quantity	Internal			Round to whole number.	This value will be cupped at zero.
	Price Election Amount	P11	45	9999.9999	None	If "HS" elected, price should reflect the higher value of MPCI or HPSE (A00810 Hybrid Seed Option Price).
	Minimum Payment Quantity	P11	79	999999999	Round to whole number.	Minimum Payment Quantity must be in dollars (whole numbers).

Exhibit Name: Premium Calculation Exhibit Number: P11-8, Plan 55 Record Name: Acreage Record Code: P11

Insurance Plan Code		55 Yield Based Dollar Amount of	Insurance				
Commodity Code 0050 Hybrid Sorghum Seed		0062 Hybrid Seed Corn	0093 Hybrid Sweet Corn Seed				
		0066 Hybrid Vegetable Seed		0334 Hybrid Popcorn Seed			
		Field	Record	Field	Field	Field	
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
When Commodity is "0093	3," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Se	eed:	•				
,, ,						If Unit of Measure equals	
						pounds, "LBS", then round	
Approved Yield = County Yield * Coverage Level Percent		Approved Yield	P11	42	99999999.99	to whole number.	
	= County Yield * Coverage Level Percent						
	,					Otherwise, round to 1	
		Co. at World	4514		999.9	decimal.	Edit - No ADA4 Days Bats HA04040H
	County Yield Coverage Level Percent	ADM P14	34	999.9	None None	Edit with ADM Base Rate, "A01010".	
	Premium Guarantee Per Acre	F 14	34		None		
	Amount	Internal			Round to whole number.	This value will be cupped at zero.	
			P11	45	9999.9999	None	If "HS" elected, price should reflect the higher
Promium Acro Guarantos	MIN(ROUND(Contract Value * Coverage Level Percent	Price Election Amount					value of MPCI or HPSE (A00810 Hybrid Seed
Quantity	= ,0), ROUND(Approved Yield * Price Election Amount						Option Price).
,0))	,0))						Compensation specified in the hybrid sweet
		Contract Value	P11	78	999999999		corn seed processor contract per acre or
						stated seed contract value per acre in whole	
For all commodiles:							dollar amount.
roi ali commodiles.							
	Dramium Acro Cuarantee Quantity * Cuarantee	Acre Guarantee Quantity	P11	106	99999999.99	Round to whole number.	
Acre Guarantee Quantity	= Premium Acre Guarantee Quantity * Guarantee Adjustment Factor						Edit with the Guarantee Adjustment ICE,
Adjustment Factor	Aujustinent ractor	Guarantee Adjustment Factor	P11	69	0.999	None	"D00068" or ADM Guarantee Adjustment,
							"A01220" for Prevented Planting.
Premium Total = Premium Acre Guarantee Quantity * Reported Acre Guarantee Amount		Premium Total Guarantee	Internal		99999999.99	Round to whole number.	
	= Premium Acre Guarantee Quantity * Reported Acreage	Amount					Reported Acreage must equal the sum of all
		Reported Acreage	P11	48	999999.99	None	Land, P27, Reported Acreage.
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Guarantee Amount	P11	103	99999999.99	Round to whole number.	zana) i zij neportea noreagei	
	Barradad Assessed	244				Reported Acreage must equal the sum of all	
	Reported Acreage	P11	48	999999.99	None	Land, P27, Reported Acreage.	
When Commodity is "0093	3," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Se	eed:					
Premium Liability = P	(Premium Total Guarantee Amount - (Minimum = Payment Quantity * Reported Acreage)) * Insured Share Percent	Premium Liability Amount	Internal		999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
		Reported Acreage	P11	48	999999.99	None	
		Minimum Payment Quantity	P11	79			Minimum Payment Quantity must be in
Liability Amount = (Liability Amount	P11	94	999999999	Round to whole number.	dollars (whole numbers). Enter per acre value
	= (Total Guarantee Amount - (Minimum Payment Quantity * Reported Acreage)) * Insured Share Percent	Reported Acreage	P11	48	999999999	None	
		Insured Share Percent	P11	43	9.9999	None	
					3.3333		Minimum Payment Quantity must be in
		Minimum Payment Quantity	P11	79			dollars (whole numbers). Enter per acre value

Exhibit Name: Premium Calculation Exhibit Number: P11-8, Plan 55 Record Name: Acreage

	Record Name: Acreage Record Code: P11			Release Date: 3/6/2025					
Insurance Plan Code		55 Yield Based Dollar Amount of	nsurance						
Commodity Code	0062 Hybrid Seed Corn			0080 Hybrid Seed Ri	ce	0093 Hybrid Sweet Corn Seed			
		0066 Hybrid Vegetable Seed					0334 Hybrid Popcorn 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	Rules		
When Commodity is NOT "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:									
Premium Liability	Premium Total Guarantee Amount * Insured Share	Premium Liability Amount	Internal		999999999	Round to whole number.			
Amount	Percent	Insured Share Percent	P11	43	9.9999	None			
Liability Amount	Total Guarantee Amount * Insured Share Percent	Liability Amount Insured Share Percent	P11 P11	94 43	9999999999 9.9999	Round to whole number. None			
Section 2: Base Premium F	Rate Calculation	ilisuled Silale Perceilt	PII	43	9.9999	Inone			
Section 2. Buse I remium I	When Rate Method Code equals Fixed Rate, "F":	I		1					
	Sub County Rate * Rate Differential Factor	Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.			
	When Rate Method Code equals Additive, "A":								
Base Premium Rate =	(Sub County Rate + Base Rate) * Rate Differential	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".		
	When Rate Method Code equals Multiplicative, "M":	Base Rate	ADM		999.9999	None	Edit with ADM Base Rate, "A01010".		
	Sub County Rate * Base Rate * Rate Differential Factor								
	Otherwise:	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".		
Section 3: Optional Covera	Base Rate * Rate Differential Factor								
Section 5. Optional Covera	ge Calculation	Additive Optional Rate		T	I	Ī			
	When Rate Method Code is Additive, "A": $\sum \text{Option Rate * Rate Differential Factor}$	Adjustment Factor	Internal		999999.9999	Round to 4 decimals.			
Additive Optional Rate Adjustment Factor		Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".		
		Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".		
Multiplicative Optional	When Rate Method Code is Multiplicative, "M":	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.			
Rate Adjustment Factor	∑ Option Rate1 * Option Rate2 * Option Rate3	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".		
The Premium Rate for ALL Unit Structures Section 4: Premium Rate Calculation adjustments to the Base Premium Rate wou cause it to exceed 1.0.									
Premium Rate =	Base Premium Rate * Unit Structure Discount Factor * = Multiplicative Optional Rate Adjustment Factor + Additive Optional Rate Adjustment Factor	Premium Rate	Internal		99999999999999999	Round to 8 decimals.	Premium Rate is capped at 0.99900000.		
		Unit Structure Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", "UA", or "UD", then Unit Structure Discount Factor equals Optional Unit Discount Factor.		
							When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor.		

Exhibit Name: Premium Calculation Exhibit Number: P11-8, Plan 55 Record Name: Acreage Record Code: P11

Insurance Plan Code		55 Yield Based Dollar Amount of I	nsurance					
Commodity Code	0050 Hybrid Sorghum Seed	0062 Hybrid Seed Corn		ice	0093 Hybrid Sweet Corn Seed			
		0066 Hybrid Vegetable Seed				0334 Hybrid Popcorn Seed		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Section 5: Total Premium, Subsidy, and Producer Premium Calculation								
Preliminary Total Premium Amount	Premium Liability Amount * Premium Rate * Experience Factor	Preliminary Total Premium Amount	Internal		999999999	Round to whole number.		
		Experience Factor	P11	47	9.999	None	Must be a value between minimum and maximum on ICE, "D10023".	
Total Premium Amount =	= Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Total Premium Amount	P11	95	999999999	Round to whole number.		
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Not applicable for Hybrid Seed Rice.	
Subsidy Amount = Total Premium Amount * Subsidy Pr	Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93		Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 6 for subsidy calculations.	
		Subsidy Percent	ADM	ഥ긔	9.999	None	Edit with ADM Subsidy Percent, "A00070".	
Producer Premium = Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	96		Round to whole number.		
Section 6: Beginning Farme	er and Rancher (BFR), Veteran Farmer Rancher (VFR), Na	tive Sod (NS) and Conservation C	ompliance (CC) Subsidy	v Calculations			
Base Subsidy Amount =	Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal			Round to whole number.	Cupped by the standard rule of \$1 if applicable.	
		Subsidy Percent	ADM	\sqcup	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		999999999	Round to whole number.	If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.	
CC Subsidy Reduction = Amount =	= Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Percent	P11	76	9.9999	None	If Applicable; else 0.	
		CC Subsidy Reduction Amount	P11	111	999999999	Round to whole number.	CC Subsidy Reduction Amount. If Applicable; else 0.	
•	Base Subsidy Amount + BFR/VFR Subsidy Amount - = Native Sod Subsidy Amount - CC Subsidy Reduction Amount	Subsidy Amount	P11	93	999999999	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	96	999999999	Round to whole number.		