

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-8, Plan 55
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2015
Version: Approved
Release Date: 7/1/2014

<u>Insurance Plan Code</u>		55 Yield Based Dollar Amount of Insurance				
<u>Commodity Code</u>		0062 Hybrid Seed Corn		0050 Hybrid Sorghum Seed		
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 1: Stage Guarantee Calculation						
Approved Yield = $\frac{\text{County Yield} * \text{Yield Price Factor} - \text{Minimum Payment Quantity}}{\text{Quantity}}$	Approved Yield	P11	43	99999999.99	Round to 1 decimal.	
	County Yield	ADM		999.9	None	Edit with ADM Base Rate, "A01010".
	Yield Price Factor	ICE		9.9999	None	Coverage Level Factor from SPOI. Edit with Yield Price Factor ICE, "D00041".
	Minimum Payment Quantity					Minimum Payment Quantity must be converted to bushels.
Guarantee Per Acre Amount = Approved Yield * Price Election Amount	Guarantee Per Acre Amount	Internal			Round to whole number.	
	Price Election Amount	P11	46	9999.9999	None	IF "HS" elected, price should reflect the higher value of MPCl or HPSE (A00810 Hybrid Seed Option Price).
Acre Stage Guarantee Amount = $\frac{\text{Guarantee Per Acre Amount} * \text{Guarantee Adjustment Factor}}{\text{Factor}}$	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to whole number.	
	Guarantee Adjustment Factor	P11	72	0.999	None	
Section 2: Loss Guarantee Calculation						
Loss Guarantee Amount = $\frac{\text{Acre Stage Guarantee Amount} * \text{Determined Acreage} * \text{Liability Adjustment Factor}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	57	99999999.99	Round to whole number.	
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Section 3: Indemnity Calculation						
Unit Deficiency Quantity = Loss Guarantee Amount – Production to Count Quantity	Unit Deficiency Quantity	P21	56	S99999999.99	Round to whole number.	
	Production to Count Quantity	P21	34	99999999.99	None	
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	59	S9999999999	Round to whole number.	
	Insured Share Percent	P11	44	9.999	None	
	Indemnity Amount	P21	60	S9999999999	Round to whole number.	
	Indemnity Amount = $\frac{\text{Preliminary Indemnity Amount} * \text{Multiple Commodity Adjustment Factor}}{\text{Adjustment Factor}}$	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".