Exhibit Name: Indemnity Calculations						
Exhibit Number: P21-13, Plan 16			**Reinsurance Year:** 2016			
Record Name: Acreage Claim			**Version:** Approved			
Record Code: P21			**Release Date:** 12/6/2018			

Insurance Plan Code	16 Margin Protection		
Commodity Code	0011 Wheat	0018 Rice	0041 Corn	0081 Soybeans

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Stage Guarantee Calculation						
Trigger Margin Amount = Expected Margin Amount * Coverage Level Percent	Trigger Margin Amount	Internal		99999999.99	Round to 2 decimals.	
	Expected Margin Amount	ADM		99999.666666		Edit with ADM Price, "A00810".
	Coverage Level Percent	P14	34			
Acre Stage Guarantee Amount = MAX(Trigger Margin Amount - Final Margin Amount,0)	Acre Stage Guarantee Amount	P21	55	99999999.99	Round to 2 decimals.	Loss Guarantee Per Acre Amount will be submitted in Acre Stage Guarantee Amount field.
	Final Margin Amount	ADM		99999.666666		Edit with ADM Price, "A00810".
Section 2: Loss Guarantee Calculation						
Loss Guarantee Amount = MIN(Dollar Amount of Insurance, Acre Stage Guarantee Amount) * Determined Acreage * Insured Share Percent	Loss Guarantee Amount	P21	57	99999999.99	Round to whole number	
	Dollar Amount of Insurance	Internal		99999999.99	None	The P11 Dollar Amount of Insurance used in determination of P11 Liability.
	Determined Acreage	P21	18	99999999.99	None	
	Insured Share Percent	P11	43	9.999	None	
Section 3: Indemnity Calculation						
With Base (companion) policy:	Preliminary Indemnity Amount	P21	59	S9999999999	Round to whole number	
Preliminary Indemnity Amount = Loss Guarantee Amount - Base (Companion) Policy Preliminary Indemnity Amount	Base (Companion) Policy Preliminary Indemnity Amount	Internal		S9999999999	Round to whole number	
Without Base (companion) policy:	Preliminary Indemnity Amount	P21	59	S9999999999	Round to whole number	
Preliminary Indemnity Amount = Loss Guarantee Amount						
All policies:	Indemnity Amount	P21	60	S9999999999	Round to whole number	
Indemnity Amount = Preliminary Indemnity Amount						