Exhibit Name:	Premium Calculation		
Exhibit Number:	P11-11, Plan 31, 32, 33	**Reinsurance Year:**	2015
Record Name:	Acreage	**Version:**	Approved
Record Code:	P11	**Release Date:**	8/9/2016

Supplemental Coverage Option Endorsement (SCO)

Insurance Plan Code	31 SCO Yield Protection	32 SCO Revenue Protection	33 SCO Revenue Protection with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0018 Rice	0021 Cotton 0041 Corn	0051 Grain Sorghum 0081 Soybeans	0091 Barley

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability Calculation						
Coverage Range = Area Loss Trigger - Coverage Level Percent	Coverage Range	Internal		9.9999	2 decimal places	Coverage Range (Supplemental Coverage Range) of insured's expected value. Difference between area loss trigger and coverage level of the underlying policy.
	Area Loss Trigger	ADM		9.99	2 decimal places	Area Loss Trigger will be 0.86 (86%). Edit with ADM Area Risk Rate, "A01005", Area Loss Start Percent.
	Coverage Level Percent	P14	34	9.9999	2 decimal places	Coverage Level Percent will be the corresponding underlying policy Coverage Level Percent. Edit with ADM Area Risk Rate, "A01005", Coverage Level Percent (or Area Loss End Percent).
Expected Commodity Value = Underlying Liability Amount / Coverage Level Percent	Expected Commodity Value	Internal		9999999999	Round to whole number	Expected Crop Value
	Underlying Liability Amount	Internal		9999999999	None	Underlying Liability Amount.
Total Guarantee = Expected Commodity Value * Coverage Range	Total Guarantee	Internal		9999999999	Round to whole number.	Maximum Supplemental Protection
Liability Amount = Total Guarantee * Price Election Percent	Liability Amount	P11	91	9999999999	Round to whole number	Supplemental Protection
	Price Election Percent	P14	35	9.9999	2 decimal places	Protection Factor. Edit with ICE Price Election Percent , "D00007". Protection Factor will be 1.00 (100%).
Section 2: Total Premium, Subsidy, and Producer Premium Calculation						
Preliminary Total Premium Amount = Liability Amount * Base Rate * Total Premium Multiplicative Optional Rate Adjustment Factor	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
	Base Rate	ADM		9.9999	None	Edit with ADM Area Risk Rate, "A01005". If SCO is elected for underlying Cottonseed Option (SE), Malting Barley Option A or Malting Barley Option B, 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 SCO P11 must have this option. Edit with ADM Option Rate, "A01060" based on SCO insurance plan. Currently this will be used for Short Rate Option.

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Total Premium Amount = Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Total Premium Amount	P11	92	9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.
Subsidy Amount = Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	90	9999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 3 for subsidy calculations.
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070". SCO premium subsidy is 65% (0.65).
Producer Premium Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	9999999999	Round to whole number.	
Section 3: Beginning Farmer and Rancher (BFR) and Native Sod (NS) Subsidy Calculations						
Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		9999999999	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 Subsidy Amount = Total Premium Amount * 0.10	BFR Subsidy Amount	Internal		9999999999	Round to whole number	Beginning 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.
Subsidy Amount = Base Subsidy Amount + BFR Subsidy Amount - Native Sod Subsidy Amount	Subsidy Amount	P11	90	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	93	9999999999	Round to whole number	