

**ROUNDING FOR LOSS GUARANTEE AND INDEMNITY CALCULATIONS**

Note 1: Round to nearest whole pound or nearest tenth for other units of measure.

Note 2: Round to nearest tenth for tons or nearest whole number for other units of measure.

Note 3: Round to nearest tenth.

Note 4: Round to nearest whole dollar.

Note 5: Round to nearest dollar and cents.

**Type 21 - Replant Calculations**  
Edit Description

## REPLANT CALCULATIONS

**Canola, Corn (Grain & Silage), Dry Beans, Grain Sorghum, Onions, Soybeans, Sugar Beets, Sunflowers, Tomatoes (Processing) & Wheat (Including CRC, IP & RA-Plan Codes 44, 42, & 25)**

### Stage Guarantee Per Acre

Stage Guarantee Per Acre <= Max Stage Guarantee Per Acre

Max Stage Guarantee Per Acre =

The lesser of:

Insured's Actual Cost

- or -

0.20 \* 100% Guarantee per Acre (0.10 \* 100% Guarantee Per Acre for Dry Beans & Sugar Beets,  
0.07 \* 100% Guarantee Per Acre for Onions)

- or -

Crop Maximum Stage Guarantee

100% Guarantee per Acre = Yield \* Coverage Level  
(Note 1) (Note 2)

### Loss Guarantee

Loss Guarantee = Stage Guarantee Per Acre \* Determined Acres \* Liability Adjustment Factor  
(Note 2) (Note 1) (Note 3)

### Farm Unit Deficiency

Farm Unit Deficiency = Loss Guarantee  
(Note 2) (Note 2)

### Indemnity (Replant Payment)

Indemnity = Farm Unit Deficiency \* Price Election \* Insured Share  
(Note 4) (Note 2)

**Type 21 - Replant Calculations**  
Edit Description

## **REPLANT CALCULATIONS**

### **Popcorn, Rice & Tomatoes (Fresh Market - Guaranteed Production)**

#### **Stage Guarantee Per Acre**

Stage Guarantee Per Acre  $\leq$  Max Stage Guarantee Per Acre

Max Stage Guarantee Per Acre =

The lesser of:

Actual cost per acre of Replanting converted to unit of measure for crop

- or -

Crop Maximum Stage Guarantee

#### **Loss Guarantee**

Loss Guarantee = Stage Guarantee Per Acre \* Determined Acres \* Liability Adjustment Factor  
(Note 2)                      (Note 1)                      (Note 3)

#### **Farm Unit Deficiency**

Farm Unit Deficiency = Loss Guarantee  
(Note 2)                      (Note 2)

#### **Indemnity (Replant Payment)**

Indemnity = Farm Unit Deficiency \* Price Election \* Insured Share  
(Note 4)                      (Note 2)

**Type 21 - Replant Calculations**  
Edit Description

## **REPLANT CALCULATIONS**

### **Forage Seeding, Peanuts, Peppers, Sweet Corn & Tomatoes (Fresh Market - Dollar Plan)**

#### **Stage Guarantee Per Acre**

Stage Guarantee Per Acre  $\leq$  Max Stage Guarantee Per Acre

Max Stage Guarantee Per Acre =

The lesser of:

Actual Dollar Cost per acre of Replanting

- or -

Crop Maximum Stage Guarantee

#### **Loss Guarantee**

Loss Guarantee = Stage Guarantee Per Acre \* Determined Acres \* Liability Adjustment Factor  
(Note 4) (Note 5) (Note 3)

#### **Farm Unit Deficiency**

Farm Unit Deficiency = Loss Guarantee  
(Note 4) (Note 4)

#### **Indemnity (Replant Payment)**

Indemnity = Farm Unit Deficiency \* Insured Share  
(Note 4) (Note 4)

**Type 21 - Replant Calculations**  
Edit Description

| Field Name                            | Field Number | Picture      | Rounding                  | Description   |
|---------------------------------------|--------------|--------------|---------------------------|---|
| Stage Guarantee Per Acre              | 22           | 9(06)V9(02)  | Unit of measure for crop. | This is the Stage Guarantee Per Acre reported by the company.   |
| Max Stage Guarantee Per Acre          | Internal     | 9(06)V9(02)  | Unit of measure for crop. | This is the Maximum Stage Guarantee per acre, based upon the limitations by crop and the calculated .20 * 100% guarantee per acre. (0.10 * 100% Guarantee per acre for Dry Beans & Sugar Beets) |
| 100% Guarantee Per Acre               | Internal     | 9(06)V9(02)  | Unit of measure for crop. | This is the 100% stage guarantee per acre.  |
| Crop Maximum Stage Guarantee Per Acre | Table        | 9(06)V9(02)  | None                      | This is the stated maximum limit for the current crop.  |
| Yield                                 | 46           | 9(07)V9(01)  | None                      | This is the Yield reported by the company.  |
| RA Coverage Level                     | 41           | 9(01)V9(04)  | Round to 4 decimals       | This is the coverage level percent reported by the company.   |
| Coverage Level                        | 48           | V9(02)       | Round to 2 decimals       | This is the coverage level percent reported by the company.   |
| Loss Guarantee                        | 25           | 9(08)V9(02)  | Unit of measure for crop. | This is the Loss Guarantee reported by the company.   |
| Determined Acres                      | 23           | 9(06)V9(02)  | Nearest 1/10 acre.        | Replanted acres must meet the minimum for the crop.   |
| Liability Adjustment Factor           | 44           | 9(01)V9(06)  | Rounded to 6 places.      | This is the Liability Adjustment Factor reported by the company.  |
| Indemnity                             | 30           | S9(08)       | Nearest Dollar            | This is the amount of indemnity due to the producer.  |
| Farm Unit Deficiency                  | 27           | S9(08)V9(02) | None                      | This is the Farm Unit Deficiency reported by the company.   |
| Price Election                        | 49           | 9(04)V9(04)  | None                      | Applicable price for the crop.  |
| Insured Share                         | 28           | 9(01)V9(03)  | None                      | This is the insured share reported by the company.  |

**Type 21 - Raisin Reconditioning Calculations**  
Edit Description

## **RAISIN RECONDITIONING PAYMENT CALCULATIONS**

**The Following Calculations Must Match The Calculations On The 'FCI-63' Claim For Raisin Indemnity Form.**

### **Stage Guarantee Per Acre**

Stage Guarantee Per Acre = Allowable Reconditioning Dollar Amount Per Ton  
(item 24, FCI-63)

Determined Acres = Tons of Raisins Reconditioned (item 23, FCI-63)

### **Indemnity (Raisin Reconditioning Payment)**

Indemnity (item 25, FCI-63) = Stage Guarantee Per Acre \* Determined Acres \* Insured Share  
(Note 4)

**Type 21 -Loss Guarantee Calculations**  
Edit Description

## **LOSS GUARANTEE**

Loss Guarantee calculations vary by Insurance Plan.

## **QUOTA TOBACCO (Ins Plan 70) & FLORIDA FRUIT TREES (Ins Plan 40)**

Loss Guarantee (Rounded to Crop Unit of Measure) =  $\text{Quota/Number of Trees} * \text{Coverage Level} * \text{Price Election}$

| Field Name                | Field Number | Picture     | Rounding                        | Description   |
|---------------------------|--------------|-------------|---------------------------------|---|
| Loss Guarantee            | 25           | 9(08)V9(02) | Nearest WholeDollar.            | This is the maximum value of a total loss.          |
| Quota/<br>Number of Trees | 47           | 9(10)       | Whole Pounds or<br>Whole Trees. | This is the Quota or trees reported by the company. |
| Coverage Level            | 48           | 9(02)       | 50, 65 or 75                    | This is the coverage level reported by the company. |
| Price Election            | 49           | 9(04)V9(04) | Dollars and cents.              | This is the Price Election reported by the company. |

## **INCOME PROTECTION** (Ins Plan 42)

Stage Guarantee Per Acre GE (Yield \* .50 = GPA \* Price) and LE (Yield \* .75 = GPA \* Price)

Stage Guarantee Per Acre (Rounded to Crop Unit of Measure) =  
Stage Guarantee Per Acre \* Guarantee Reduction Percent

Loss Guarantee (Rounded to Crop Unit of Measure) = Stage Guarantee Per Acre \* Determined Acres  
\* Liability Adjustment Factor \* Insured Share

| Field Name                  | Field Number | Picture     | Rounding             | Description  |
|-----------------------------|--------------|-------------|----------------------|--|
| Loss Guarantee              | 25           | 9(08)V9(02) | Nearest Dollar.      | The Total Dollar Amount of Protection for IP.  |
| Stage Guarantee per Acre    | 22           | 9(06)V9(02) | Dollars and cents.   | This is the Stage Guarantee per Acre after any adjustments for Late or Prevented Planting. |
| Guarantee Reduction Percent | 42           | V9(03)      | None                 | This is the Guarantee Reduction Percent. See Exhibit 11-1.                                 |
| Determined Acres            | 23           | 9(06)V9(02) | To the tenth.        | This is the Determined Acres reported by the company.                                      |
| Liability Adjustment Factor | 44           | 9(01)V9(06) | Rounded to 6 places. | This is the Liability Adjustment Factor reported by the company.                           |
| Insured Share               | 28           | 9(01)V9(03) | 3 places.            | This is the Insured Share reported by the company.   |

**Type 21 -Loss Guarantee Calculations**  
Edit Description

**CROP REVENUE COVERAGE** (Ins Plan 44)

Stage Guarantee Per Acre (Rounded to Crop Unit of Measure) = Yield \* Coverage Level

Stage Guarantee Per Acre (Rounded to Crop Unit of Measure) =

Stage Guarantee Per Acre \* Guarantee Reduction Percent

Loss Guarantee (Rounded to Crop Unit of Measure) = Stage Guarantee Per Acre \* Determined Acres

\* Liability Adjustment Factor \* Price Election

| Field Name                  | Field Number | Picture     | Rounding                | Description  |
|-----------------------------|--------------|-------------|-------------------------|--|
| Loss Guarantee              | 25           | 9(08)V9(02) | Nearest WholeDollar.    | The Final Revenue Guarantee for CRC.   |
| Stage Guarantee per Acre    | 22           | 9(06)V9(02) | Bushels to tenths.      | This is the Stage Guarantee per Acre after any adjustments for Late or Prevented Planting. |
| Yield                       | 46           | 9(07)V9(01) | Whole Bushels.          | This is the yield reported by the company.   |
| Coverage Level              | 48           | 9(02)       | 50, 55, 60, 65, 70 & 75 | This is the coverage level reported by the company.  |
| Guarantee Reduction Percent | 42           | V9(03)      | None                    | This is the Guarantee reduction percent. See Exhibit 11-1.                                 |
| Determined Acres            | 23           | 9(06)V9(02) | To the tenth.           | This is the Determined Acres reported by the company.                                      |
| Liability Adjustment Factor | 44           | 9(01)V9(06) | Rounded to 6 places.    | This is the Liability Adjustment Factor reported by the company.                           |
| Price Election              | 49           | 9(04)V9(04) | Dollars and cents.      | This is the Price Election reported by the company.  |



**Type 21 -Loss Guarantee Calculations**  
Edit Description

## Revenue Assurance (Ins Plan 25)

Stage Guarantee Per Acre = Yld \* Coverage \* Price

Stage Guarantee Per Acre =  
Stage Guarantee Per Acre \* Guarantee Reduction Percent

Loss Guarantee = Stage Guarantee Per Acre \* Determined Acres \* Liability Adjustment Factor

| Field Name                  | Field Number | Picture     | Rounding             | Description  |
|-----------------------------|--------------|-------------|----------------------|--|
| Loss Guarantee              | 25           | 9(08)V9(02) | Nearest Dollar.      | The Total Dollar Amount of Protection for RA.  |
| Stage Guarantee per Acre    | 22           | 9(06)V9(02) | Dollars and cents.   | This is the Stage Guarantee per Acre after any adjustments for Late or Prevented Planting. |
| Guarantee Reduction Percent | 42           | V9(03)      | None                 | This is the Guarantee Reduction Percent. See Exhibit 11-1.                                 |
| Determined Acres            | 23           | 9(06)V9(02) | To the tenth.        | This is the Determined Acres reported by the company.                                      |
| Liability Adjustment Factor | 44           | 9(01)V9(06) | Rounded to 6 places. | This is the Liability Adjustment Factor reported by the company.                           |

**Type 21 -Loss Guarantee Calculations**  
Edit Description

## ALL OTHER PLANS

Stage Guarantee Per Acre = Yield \* Coverage Level = Stage Guarantee \* Stage Percent Factor

Stage Guarantee Per Acre (Rounded to Crop Unit of Measure) =  
Stage Guarantee Per Acre \* Guarantee Reduction Percent

Loss Guarantee (Rounded to Crop Unit of Measure) = Stage Guarantee Per Acre \* Determined Acres  
\* Liability Adjustment Factor

| Field Name                  | Field Number | Picture     | Rounding                      | Description  |
|-----------------------------|--------------|-------------|-------------------------------|--|
| Loss Guarantee              | 25           | 9(08)V9(02) | Unit of measure for the crop. | This is the maximum guarantee of a total loss                        |
| Stage Guarantee per Acre    | 22           | 9(06)V9(02) | Unit of measure for the crop. | This is the Stage Guarantee per acre reported by the Company/FSA.    |
| Determined Acres            | 23           | 9(06)V9(02) | None                          | This is the Determined Acres reported by the Company/FSA.            |
| Liability Adjustment Factor | 44           | 9(01)V9(06) | Rounded to 6 places.          | This is the Liability Adjustment Factor reported by the Company/FSA. |
| Yield                       | 46           | 9(07)V9(01) | Whole Bushels.                | This is the yield reported by the Company.                           |
| Coverage Level              | 48           | 9(02)       | 50, 55, 60, 65, 70 & 75       | This is the coverage level reported by the Company.                  |

**Notes:**

**Type 21 - Indemnity Calculations**  
Edit Description

## INDEMNITY CALCULATIONS

**Hybrid Corn & Sorghum Seed, Mac/Citrus Trees, Florida Fruit & Tropical Trees and Quota Tobacco**

*Farm Unit Deficiency* = Loss Guarantee - Production to Count

*Indemnity* = Farm Unit Deficiency \* Insured Share

| Field Name           | Field Number | Picture      | Rounding        | Description   |
|----------------------|--------------|--------------|-----------------|---|
| Loss Guarantee       | 25           | 9(08)V9(02)  | Nearest Dollar. | This is the Loss Guarantee reported by the company.       |
| Production to Count  | 26           | 9(08)V9(02)  | Nearest Dollar. | This is the Production to Count reported by the Company.  |
| Farm Unit Deficiency | 27           | S9(08)V9(02) | Nearest Dollar. | This is the Farm Unit Deficiency reported by the Company. |
| Insured Share        | 28           | 9(01)V9(03)  |                 | This is the Insured Share reported by the Company.        |
| Indemnity            | 30           | S9(08)       | Nearest Dollar. | This is the amount of Indemnity due to the producer.      |

**Type 21 - Indemnity Calculations**  
Edit Description

## **INDEMNITY CALCULATIONS**

### **GRP CROPS - FINAL PAYMENT**

*Indemnity* = Loss Guarantee \* Insured Share \* GRP Payment Factor

GRP Payment Calculation Factor =  $\frac{(\text{Trigger Yield} - \text{Final Payment Yield})}{\text{Trigger Yield}}$

| <b>Field Name</b>              | <b>Field Number</b> | <b>Picture</b> | <b>Rounding</b> | <b>Description</b>  |
|--------------------------------|---------------------|----------------|-----------------|---|
| Loss Guarantee                 | 25                  | 9(08)V9(02)    | Nearest Dollar. | This is the Loss Guarantee reported by the company.   |
| Insured Share                  | 28                  | 9(01)V9(03)    |                 | This is the Insured Share reported by the Company.  |
| GRP Payment Calculation Factor | 29                  | 9(01)V9(03)    | Three Decimals. | A factor by crop used to calculate GRP indemnity. See ADM for final annual payment yield. Trigger yield is expected county yield from ADM times coverage level. |
| Indemnity                      | 30                  | S9(08)         | Nearest Dollar. | This is the amount of Indemnity due to the producer.  |

**Type 21 - Indemnity Calculations**  
Edit Description

## **INDEMNITY CALCULATIONS**

### **CRC & RA Crops**

*Farm Unit Deficiency* = Loss Guarantee - Production to Count

*Indemnity* = Farm Unit Deficiency \* Insured Share

| Field Name           | Field Number | Picture      | Rounding        | Description  |
|----------------------|--------------|--------------|-----------------|--|
| Loss Guarantee       | 25           | 9(08)V9(02)  | Nearest Dollar. | This is the Final Revenue Guarantee reported by the company.                                   |
| Production to Count  | 26           | 9(08)V9(02)  | Nearest Dollar. | Total Production to Count in Bushels times Harvest Market Price (County Harvest Price for RA). |
| Farm Unit Deficiency | 27           | S9(08)V9(02) | Nearest Dollar. | This is the Farm Unit Deficiency reported by the Company.                                      |
| Insured Share        | 28           | 9(01)V9(03)  |                 | This is the Insured Share reported by the Company.   |
| Indemnity            | 30           | S9(08)       | Nearest Dollar. | This is the amount of Indemnity due to the producer.   |

### **IP CROPS**

*Indemnity* = Loss Guarantee - Production to Count

| Field Name          | Field Number | Picture     | Rounding        | Description   |
|---------------------|--------------|-------------|-----------------|---|
| Loss Guarantee      | 25           | 9(08)V9(02) | Nearest Dollar. | This is the Dollar Amount of Protection reported by the Company and must include insured share. |
| Production to Count | 26           | 9(08)V9(02) | Nearest Dollar. | Total Production to Count in Bushels times Harvest Market Price times share.                    |
| Indemnity           | 30           | S9(08)      | Nearest Dollar. | This is the amount of Indemnity due to the producer.  |

**Type 21 - Indemnity Calculations**  
Edit Description

## INDEMNITY CALCULATIONS

### ALL OTHER CROPS

*Farm Unit Deficiency* = Loss Guarantee - Production to Count

*Indemnity* = Farm Unit Deficiency \* Price Election \* Percent Election \* Insured Share

| Field Name           | Field Number | Picture      | Rounding                      | Description  |
|----------------------|--------------|--------------|-------------------------------|--|
| Loss Guarantee       | 25           | 9(08)V9(02)  | Unit of measure for the crop. | This is the Loss Guarantee reported by the company.  |
| Production to Count  | 26           | 9(08)V9(02)  | Unit of measure for the crop. | This is the Total Production to Count reported by the company.<br><b>For Millet</b> , if the stage code is UH, then this field must be GE 30% of the Loss Guarantee.   |
| Price Election       | 49           | 9(04)V9(04)  | None.                         | Applicable Price for the crop. For Northern Provision Potatoes, any unharvested acreage of Potatoes will only receive 80% of the selected price election. For Processing Tomatoes, the price election is determined by the stage in which the damage occurred. |
| Percent Election     | 36 (11 rec)  | 9(01)V9(02)  | .60 to 1.00                   | Only applicable to certain crops.  |
| Insured Share        | 28           | 9(01)V9(03)  |                               | This is the Insured Share reported by the Company.   |
| Indemnity            | 30           | S9(08)       | Nearest Dollar.               | This is the amount of Indemnity due to the producer.   |
| Farm Unit Deficiency | 27           | S9(08)V9(02) | Nearest Dollar.               | This is the Farm Unit Deficiency reported by the Company.  |