### Section 1: Liability Calculation

When Commodity Code equals Florida Citrus, "0201, 0202, 0203, 0227, 0309, 1302, and 9936":

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference Maximum Dollar Amount</td>
<td>ADM</td>
<td></td>
<td>99999999.99</td>
<td>None</td>
<td>Edit With ADM Price, &quot;A00810&quot;.</td>
</tr>
<tr>
<td>Guarantee Adjustment Factor</td>
<td>P11</td>
<td>69</td>
<td>0.999</td>
<td>None</td>
<td>If Guarantee Adjustment Type Code equals &quot;D&quot;, RD determined yield. Edit with Guarantee Adjustment ICE, &quot;D000051&quot;.</td>
</tr>
<tr>
<td>Coverage Level Percent</td>
<td>P14</td>
<td>34</td>
<td>9.999</td>
<td>None</td>
<td>Applicable for Florida Citrus.</td>
</tr>
<tr>
<td>Price Election Percent</td>
<td>P14</td>
<td>35</td>
<td>9.999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

\[
\text{Dollar Amount of Insurance} = \text{Reference Maximum Dollar Amount} \times \text{Guarantee Adjustment Factor} \times \text{Coverage Level Percent} \times \text{Price Election Percent}
\]
<table>
<thead>
<tr>
<th>Insurance Plan Code</th>
<th>Commodity Code</th>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
</table>
| 0032 Forage Seed   | 0086 Fresh Tomatoes | 0277 Oranges | P11           | 105          | 99999999.99   | Round to whole number. | Dollar Amount of Insurance equals Catastrophic Dollar Amount, ADM Price "A00810." when Coverage Type equals Catastrophic, "C".  

Dollar Amount of Insurance for Buy Up:  
When P14 Price Indicator Code is "E" then DAOI = Reference Maximum Dollar Amount * Coverage Level Percent. DAOI must be greater than or equal to Minimum Dollar Amount and less than or equal to Reference Maximum Dollar Amount. Reference ADM Price "A00810."  

When P14 Price Indicator Code is "A" then DAOI = Additional Price * Coverage Level Percent. DAOI must be greater than or equal to Minimum Dollar Amount and less than or equal to Maximum Additional Value Price. Reference ADM Price "A00810."  

When Commodity Code equals Raisins, "0037":  
Dollar Amount of Insurance = (Reference Maximum Dollar Amount or Additional Price) * Coverage Level Percent.  

<table>
<thead>
<tr>
<th>Calculation</th>
</tr>
</thead>
</table>
| Reference Maximum Dollar Amount  
ADM  
999999.9999  
None  
Edit With ADM Price, "A00810." Use when P14 Price Indicator Code is "E" for "Established."  
| Additional Price  
ADM  
999999.9999  
None  
| Coverage Level Percent  
P14  
34  
9.9999  
None  

### Insurance Plan Code: 50 Dollar Amount of Insurance

<table>
<thead>
<tr>
<th>Commodity Code</th>
<th>Insurance Plan Code</th>
<th>50 Dollar Amount of Insurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0032 Forage Seed</td>
<td>0086 Fresh Tomatoes</td>
<td>0277 Oranges</td>
</tr>
<tr>
<td>0037 Raisins</td>
<td>0201 Grapefruit</td>
<td>0309 Mandarins/Tangerines</td>
</tr>
<tr>
<td>0044 Fresh Sweet Corn</td>
<td>0202 Lemons</td>
<td>1302 Tangors</td>
</tr>
<tr>
<td>0083 Peppers</td>
<td>0203 Tangelos</td>
<td>9936 Limes</td>
</tr>
</tbody>
</table>

### Calculations

**Calculations**

<table>
<thead>
<tr>
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<th>Field Number</th>
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<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acre Guarantee Quantity</td>
<td>P11</td>
<td>106</td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td>Acre Guarantee Quantity = Dollar Amount of Insurance</td>
</tr>
<tr>
<td>Reported Acreage</td>
<td>P11</td>
<td>48</td>
<td>999999.99</td>
<td>None</td>
<td>Reported Acreage must equal the sum of all Land, P27, Reported Acreage. Field 53 (reported tons) for Raisins.</td>
</tr>
</tbody>
</table>

### Section 2: Base Premium Rate Calculation

**Base Premium Rate**

*When Rate Method Code equals Fixed Rate, "F":*

1. **Base Premium Rate** = Internal
2. **Rate Differential Factor** = 999999.999999
3. Round to 8 decimals.

*When Rate Method Code equals Additive, "A":*

1. **Sub County Rate** = ADM
2. **Base Rate** = 9.9999
3. **Rate Differential Factor** = None
4. Edit with ADM Sub County Rate, "A01050".

*When Rate Method Code equals Multiplicative, "M":*

1. **Sub County Rate** = ADM
2. **Base Rate** = 999.9999
3. **Rate Differential Factor** = None
4. Edit with ADM Base Rate, "A01010".

*Otherwise:*

1. **Base Rate** = ADM
2. **Rate Differential Factor** = 9.99999999
3. **Rate Differential Factor** = None
4. Edit with ADM Coverage Level Differential, "A01040".

*If Reference Commodity Year <> Commodity Year:*

1. **Prior Year Base Rate** = Internal
2. **Prior Year Base Rate Differential Factor** = 999999.999999
3. Round to 8 decimals.
4. Edit with ADM Coverage Level Differential, "A01040".
### Section 3: Optional Coverage Calculation

**Additive Optional Rate Adjustment Factor**

\[ \text{Option Rate} \times \text{Rate Differential Factor} \]

**Multiplicative Optional Rate Adjustment Factor**

\[ \prod \text{Option Rate} \]

### Section 4: Premium Rate Calculation

**Premium Rate**

\[ \text{Base Premium Rate} \times \text{Unit Structure Discount Factor} \times \text{Additive Optional Rate Adjustment Factor} \]

### Section 5: Total Premium, Subsidy, and Producer Premium Calculation

**Preliminary Total Premium Amount**

\[ \text{Liability Amount} \times \text{Premium Rate} \times \text{Experience Factor} \]

**Total Premium Amount**

\[ \text{Preliminary Total Premium Amount} \times \text{Multiple Commodity Adjustment Factor} \]

**Subsidy Amount**

\[ \text{Total Premium Amount} \times \text{Subsidy Percent} \]

**Producer Premium Amount**

\[ \text{Total Premium Amount} - \text{Subsidy Amount} \]
### Section 6: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR), Native Sod (NS) and Conservation Compliance (CC) Subsidy Calculations

<table>
<thead>
<tr>
<th>Calculations</th>
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<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Subsidy Amount</td>
<td>Total Premium Amount * Subsidy Percent</td>
<td>Internal</td>
<td>9999999999</td>
<td>Round to whole number</td>
<td>Cupped by the standard rule of $1 if applicable.</td>
</tr>
<tr>
<td>Subsidy Percent</td>
<td>ADM</td>
<td>9.999</td>
<td>None</td>
<td>Beginning Farmer Rancher/Subsidy Amount. If Applicable; else 0.</td>
<td>Edit with ADM Subsidy Percent, &quot;A00070&quot;.</td>
</tr>
<tr>
<td>BFR/VFR Subsidy Amount</td>
<td>Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)</td>
<td>Internal</td>
<td>9999999999</td>
<td>Round to whole number</td>
<td>Beginning Farmer Rancher/Subsidy Amount. If Applicable; else 0. 0.10 (10%).</td>
</tr>
<tr>
<td>Native Sod Subsidy Amount</td>
<td>Total Premium Amount * 0.50</td>
<td>Internal</td>
<td>9999999999</td>
<td>Round to whole number</td>
<td>If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.</td>
</tr>
<tr>
<td>CC Subsidy Reduction Amount</td>
<td>Base Subsidy Amount * CC Subsidy Reduction Percent</td>
<td>P11 76</td>
<td>9.999</td>
<td>None</td>
<td>If Applicable; else 0.</td>
</tr>
<tr>
<td>CC Subsidy Reduction Amount</td>
<td>CC Subsidy Reduction Amount</td>
<td>P11 111</td>
<td>9999999999</td>
<td>Round to whole number</td>
<td>CC Subsidy Reduction Amount. If Applicable; else 0.</td>
</tr>
<tr>
<td>Subsidy Amount</td>
<td>Base Subsidy Amount + BFR/VFR Subsidy Amount - Native Sod Subsidy Amount - CC Subsidy Reduction Amount</td>
<td>Subsidy Amount</td>
<td>P11 93</td>
<td>9999999999</td>
<td>Round to whole number</td>
</tr>
<tr>
<td>Producer Premium Amount</td>
<td>Total Premium Amount - Subsidy Amount</td>
<td>Producer Premium Amount</td>
<td>P11 96</td>
<td>9999999999</td>
<td>Round to whole number</td>
</tr>
</tbody>
</table>

**Commodity Code**

- 0032 Forage Seed
- 0037 Raisins
- 0044 Fresh Sweet Corn
- 0083 Peppers
- 0086 Fresh Tomatoes
- 0201 Grapefruit
- 0202 Lemons
- 0203 Tangelos
- 0227 Oranges
- 0309 Mandarins/Tangerines
- 0372 Oranges
- 0993 Limes
- 1302 Tangors
- 9936 Limes