### Section 1: Stage Guarantee Calculation

**When Insurance Plan Code equals 16:**

\[
\text{Trigger Margin Amount} = \text{Expected Margin Amount} - (\text{Expected Revenue Amount} \times (1.00 - \text{Coverage Level Percent}))
\]

- **Field Name:** Trigger Margin Amount
- **Record Number:** Internal
- **Field Number:** 99999999.99
- **Field Format:** Round to 2 decimals

**When Insurance Plan Code equals 17:**

\[
\text{Trigger Margin Amount} = \text{Expected County Yield} \times \text{MAX} \left( \text{Projected Price}, \text{Harvest Price} \right) - (\text{Expected Revenue Amount} - \text{Expected Margin Amount}) - \left[ \text{Expected County Yield} \times \text{MAX} \left( \text{Projected Price}, \text{Harvest Price} \right) \right] \times (1 - \text{Coverage Level Percent})
\]

- **Field Name:** Trigger Margin Amount
- **Record Number:** Internal
- **Field Number:** 99999999.99
- **Field Format:** Round to 2 decimals

**For Both Plans:**

\[
\text{Acre Stage Guarantee Amount} = \text{MAX} \left( \text{Trigger Margin Amount} - \text{Final Margin Amount}, 0 \right)
\]

- **Field Name:** Acre Stage Guarantee Amount
- **Record Number:** P21
- **Field Number:** 58
- **Field Format:** Round to 2 decimals

**Final Margin Amount**

- **Field Name:** Final Margin Amount
- **Record Number:** ADM
- **Field Number:** 99999999.99
- **Field Format:** Edit with ADM Price, "A00810".

### Section 2: Loss Guarantee Calculation

**When Insurance Plan Code equals 16:**

\[
\text{Loss Guarantee Amount} = \text{MIN} \left( \text{Dollar Amount of Insurance}, \text{Acre Stage Guarantee Amount} \times \text{Price Election Percent} \times \text{Determined Acreage} \times \text{Insured Share Percent} \times \text{Liability Adjustment Factor} \right)
\]

- **Field Name:** Loss Guarantee Amount
- **Record Number:** P21
- **Field Number:** 60
- **Field Format:** Round to whole number

**Dollar Amount of Insurance**

- **Field Name:** Dollar Amount of Insurance
- **Record Number:** Internal
- **Field Number:** 99999999.99
- **Field Format:** None

**Determined Acreage**

- **Field Name:** Determined Acreage
- **Record Number:** P21
- **Field Number:** 18
- **Field Format:** None

**Insured Share Percent**

- **Field Name:** Insured Share Percent
- **Record Number:** P11
- **Field Number:** 43
- **Field Format:** 9.999

**Price Election Percent**

- **Field Name:** Price Election Percent
- **Record Number:** P14
- **Field Number:** 35
- **Field Format:** 2 decimal places

**Liability Adjustment Factor**

- **Field Name:** Liability Adjustment Factor
- **Record Number:** P21
- **Field Number:** 39
- **Field Format:** 9.999

**Protection Factor. This will be the Price Election Percent reported on the P14 and used in determination of P11 Dollar Amount of Insurance. If Native Sod applies to the associated P11 record, the Price Election Percent MUST equal 0.65 (65%).**
### Calculations

<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>Final Dollar Amount of Insurance</td>
<td>Internal</td>
<td>99999999.99</td>
<td>None</td>
<td>Calculated Value. This is not the Dollar Amount of Insurance used to determine the P11 liability.</td>
<td></td>
</tr>
<tr>
<td>Loss Guarantee Amount</td>
<td>P21</td>
<td>60</td>
<td>99999999.99</td>
<td>Round to whole number</td>
<td></td>
</tr>
<tr>
<td>Liability Adjustment Factor</td>
<td>P21</td>
<td>39</td>
<td>9.999999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

#### Section 3: Indemnity Calculation

**With Base (companion) policy (all unit structures):**

- **Preliminary Indemnity Amount**
  - **Base (Companion) Policy Preliminary Indemnity Amount**
    - Internal
    - 9999999999
    - Round to whole number
    - An MP P21 record will still need to be created in the scenario when Base (Companion) Policy Preliminary Indemnity Amount is 0 because no claim was made on the base policy.

**Without Base (companion) policy:**

- **Preliminary Indemnity Amount**
  - **Loss Guarantee Amount**
    - Internal
    - 9999999999
    - Round to whole number

**All policies:**

- **Indemnity Amount**
  - **Preliminary Indemnity Amount**
    - Internal
    - 9999999999
    - Round to whole number