### Section 1: Stage Guarantee Calculation

**When Commodity is not "0093," Hybrid Sweet Corn Seed, "0334," Hybrid Popcorn Seed, or "0066," Hybrid Vegetable Seed:**

<table>
<thead>
<tr>
<th>Calculations</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>
<tbody>
<tr>
<td>Approved Yield = (County Yield * Yield Price Factor) – Minimum Payment Quantity</td>
<td>Approved Yield</td>
<td>P11</td>
<td>42</td>
<td>999999999.99</td>
<td>None</td>
<td>If Unit of Measure equals pounds, &quot;LBS&quot;, then round to whole number. Otherwise, round to 1 decimal.</td>
</tr>
<tr>
<td>County Yield</td>
<td>ADM</td>
<td>999.9</td>
<td>None</td>
<td>Edit with ADM Base Rate, &quot;A01010&quot;.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yield Price Factor</td>
<td>ICE</td>
<td>9.999</td>
<td>None</td>
<td>Coverage Level Factor from SPOI. Edit with Yield Price Factor ICE, &quot;000041&quot;.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Payment Quantity</td>
<td>9999999.9</td>
<td>None</td>
<td>Minimum Payment Quantity must be converted to applicable Unit of Measure (whole number for pounds, 1 decimal for bushels).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guarantee Per Acre Amount = Approved Yield * Price Election Amount</td>
<td>Internal</td>
<td></td>
<td>Round to whole number.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Price Election Amount</td>
<td>P11</td>
<td>45</td>
<td>9999.999999</td>
<td>None</td>
<td>IF &quot;HS&quot; elected, price should reflect the higher value of MPCI or HPSE (A00810 Hybrid Seed Option Price).</td>
<td></td>
</tr>
</tbody>
</table>

**When Commodity is "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:**

<table>
<thead>
<tr>
<th>Calculations</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>
<tbody>
<tr>
<td>Approved Yield = County Yield * Coverage Level Percent</td>
<td>Approved Yield</td>
<td>P11</td>
<td>42</td>
<td>999999999.99</td>
<td>None</td>
<td>If Unit of Measure equals pounds, &quot;LBS&quot;, then round to whole number. Otherwise, round to 1 decimal.</td>
</tr>
<tr>
<td>County Yield</td>
<td>ADM</td>
<td>999.9</td>
<td>None</td>
<td>Edit with ADM Base Rate, &quot;A01010&quot;.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage Level Percent</td>
<td>P14</td>
<td>34</td>
<td>None</td>
<td>This value will be cupped at zero.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guarantee Per Acre Amount = MIN(ROUND(Contract Value * Coverage Level Percent – Minimum Payment Quantity,0), ROUND(Approved Yield * Price Election Amount – Minimum Payment Quantity,0))</td>
<td>Internal</td>
<td></td>
<td>Round to whole number.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Price Election Amount</td>
<td>P11</td>
<td>45</td>
<td>9999.999999</td>
<td>None</td>
<td>If &quot;HS&quot; elected, price should reflect the higher value of MPCI or HPSE (A00810 Hybrid Seed Option Price).</td>
<td></td>
</tr>
<tr>
<td>Contract Value</td>
<td>P11</td>
<td>78</td>
<td>9999999999</td>
<td>&quot;Total compensation specified in the hybrid sweet corn seed processor contract&quot; or &quot;stated seed contract value&quot; in whole dollar amount.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Payment Quantity</td>
<td>P11</td>
<td>79</td>
<td>9999999.9</td>
<td>Minimum Payment Quantity must be in dollars (whole numbers).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Section 1: Acre Stage Guarantee Amount

\[ \text{Acre Stage Guarantee Amount} = \text{Guarantee Per Acre Amount} \times \text{Guarantee Adjustment Factor} \]

<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>Acre Stage Guarantee Amount</td>
<td>P21</td>
<td>58</td>
<td>999999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Guarantee Adjustment Factor</td>
<td>P11</td>
<td>69</td>
<td>0.999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

#### When Commodity is "0066", Hybrid Vegetable Seed:

\[ \text{Approved Yield} = \text{County Yield} \times \text{Coverage Level Percent} \]

- **Approved Yield**
  - **Field Name**: Approved Yield
  - **Record Number**: P11
  - **Field Number**: 42
  - **Field Format**: 999999999.99
- **Rules**:
  - If Unit of Measure equals pounds, "LBS", then round to whole number.
  - Otherwise, round to 1 decimal.
- **County Yield**
  - **Field Name**: ADM
  - **Record Number**: P11
  - **Field Number**: 34
  - **Field Format**: 999.9
  - **Rules**: None
- **Coverage Level Percent**
  - **Field Name**: Coverage Level Percent
  - **Record Number**: P14
  - **Field Number**: 34
  - **Field Format**: 999999999.99
  - **Rules**: None

\[ \text{Guarantee Per Acre Amount} = \text{ROUND}(\text{Approved Yield} \times \text{Price Election Amount} - \text{Minimum Payment Quantity}, 0) \]

- **Guarantee Per Acre Amount**
  - **Field Name**: Guarantee Per Acre Amount
  - **Record Number**: Internal
  - **Field Number**: 999999999.99
  - **Rules**: Round to whole number. This value will be cupped at zero.
- **Price Election Amount**
  - **Field Name**: Price Election Amount
  - **Record Number**: P11
  - **Field Number**: 45
  - **Field Format**: 9999.9999
  - **Rules**: None
- **Minimum Payment Quantity**
  - **Field Name**: Minimum Payment Quantity
  - **Record Number**: P11
  - **Field Number**: 79
  - **Field Format**: 999999.9
  - **Rules**: Minimum Payment Quantity must be in dollars (whole numbers).

### Section 2: Loss Guarantee Calculation

\[ \text{Loss Guarantee Amount} = \text{Acre Stage Guarantee Amount} \times \text{Determined Acreage} \times \text{Liability Adjustment Factor} \]

- **Loss Guarantee Amount**
  - **Field Name**: Loss Guarantee Amount
  - **Record Number**: P21
  - **Field Number**: 60
  - **Field Format**: 999999999.99
  - **Rules**: Round to whole number.
- **Determined Acreage**
  - **Field Name**: Determined Acreage
  - **Record Number**: P21
  - **Field Number**: 18
  - **Field Format**: 999999999.99
  - **Rules**: None
- **Liability Adjustment Factor**
  - **Field Name**: Liability Adjustment Factor
  - **Record Number**: P21
  - **Field Number**: 39
  - **Field Format**: 9.9999
  - **Rules**: None

### Section 3: Indemnity Calculation

#### When Commodity is NOT "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:

\[ \text{Unit Deficiency Quantity} = \text{Loss Guarantee Amount} - \text{Production to Count Quantity} \]

- **Unit Deficiency Quantity**
  - **Field Name**: Unit Deficiency Quantity
  - **Record Number**: P21
  - **Field Number**: 59
  - **Field Format**: 999999999.99
  - **Rules**: Round to whole number.
- **Production to Count Quantity**
  - **Field Name**: Production to Count Quantity
  - **Record Number**: P21
  - **Field Number**: 34
  - **Field Format**: 999999999.99
  - **Rules**: None

\[ \text{Preliminary Indemnity Amount} = \text{Unit Deficiency Quantity} \times \text{Insured Share Percent} \]

- **Preliminary Indemnity Amount**
  - **Field Name**: Preliminary Indemnity Amount
  - **Record Number**: P21
  - **Field Number**: 62
  - **Field Format**: 999999999999
  - **Rules**: Round to whole number.
- **Insured Share Percent**
  - **Field Name**: Insured Share Percent
  - **Record Number**: P11
  - **Field Number**: 43
  - **Field Format**: 9.999
  - **Rules**: None

\[ \text{Indemnity Amount} = \text{Preliminary Indemnity Amount} \times \text{Multiple Commodity Adjustment Factor} \]

- **Indemnity Amount**
  - **Field Name**: Indemnity Amount
  - **Record Number**: P21
  - **Field Number**: 63
  - **Field Format**: 999999999999
  - **Rules**: Round to whole number.
- **Multiple Commodity Adjustment Factor**
  - **Field Name**: Multiple Commodity Adjustment Factor
  - **Record Number**: ICE
  - **Field Number**: 9999.999
  - **Field Format**: 9999.999
  - **Rules**: Edit with ICE Multiple Cropping, "D00063". Not applicable for Hybrid Seed Rice.

#### When Commodity is "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:

\[ \text{Unit Deficiency Quantity} = \text{Loss Guarantee Amount} - \text{Production to Count Quantity} \]

- **Unit Deficiency Quantity**
  - **Field Name**: Unit Deficiency Quantity
  - **Record Number**: P21
  - **Field Number**: 59
  - **Field Format**: 999999999.99
  - **Rules**: Round to whole number.
- **Loss Guarantee Amount**
  - **Field Name**: Loss Guarantee Amount
  - **Record Number**: P21
  - **Field Number**: 60
  - **Field Format**: 999999999.99
  - **Rules**: Round to whole number.
- **Production to Count Quantity**
  - **Field Name**: Production to Count Quantity
  - **Record Number**: P21
  - **Field Number**: 34
  - **Field Format**: 999999999.99
  - **Rules**: None

\[ \text{Preliminary Indemnity Amount} = \text{Unit Deficiency Quantity} \]

- **Preliminary Indemnity Amount**
  - **Field Name**: Preliminary Indemnity Amount
  - **Record Number**: P21
  - **Field Number**: 62
  - **Field Format**: 999999999999
  - **Rules**: Round to whole number.
### Calculations

<table>
<thead>
<tr>
<th>Commodity Code</th>
<th>Insured Share Percent</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>
<tbody>
<tr>
<td>Hybrid Sorghum Seed</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid Vegetable Seed</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid Seed Corn</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid Seed Rice</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid Sweet Corn Seed</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid Popcorn Seed</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>