| Exhibit Name: | Indemnity Calculations | | |
|---|---|---|---|
| **Exhibit Number:** P23-1, Plan 76 | | **Reinsurance Year:** 2018 | |
| **Record Name:** WFRP Indemnity | | **Version:** Approved | |
| **Record Code:** P23 | | **Release Date:** 9/19/2023 | |

| **Insurance Plan Code** | **76 Whole Farm Revenue Protection (WFRP)** |
|---|---|

| **Commodity Code** | **0076 Whole Farm Revenue Protection (WFRP)** |
|---|---|

| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|
| **Section 1: Indemnity Calculation** | | | | | | |
| Expense Percentage = Allowable Expenses Insurance Year Amount / Approved Expense Amount | Expense Percentage | P23 | 40 | 9.999 | Round to 3 decimal | If the result of dividing Expense Insurance Year Amount by Approved Expense Amount is greater than 0.700 then Expense Percentage will default to 1.000. |
| | Allowable Expenses Insurance Year Amount | P23 | 17 | 9999999999 | None | |
| | Approved Expenses Amount | P19 | 71 | 9999999999 | None | |
| Expense Reduction Factor = 1 - (0.700 - Expense Percentage | Expense Reduction Factor | Internal | | 0.999 | Round to 3 decimal | If Expense Percentage defaulted to 1.000 then Expense Reduction Factor will be set to 1.000. |
| Adjusted Revenue Amount = Expense Reduction Factor * AIP Approved Revenue Amount | Adjusted Revenue Amount | P23 | 42 | 9999999999 | Round to whole number. | Approved Revenue Amount adjusted for expenses. |
| | AIP Approved Revenue Amount | P19 | 25 | 9999999999 | None | |
| Loss Guarantee Amount = Adjusted Revenue Amount * Coverage Level Percent | Loss Guarantee Amount | P23 | 37 | 99999999.99 | Round to whole number. | WFRP Insured Revenue. |
| | Coverage Level Percent | P14 | 34 | 9.9999 | None | |
| Revenue to Count Amount = Allowable Revenue Insurance Year Amount (+/-) Inventory Adjustment Amount (+/-) Accounts Receivable Adjustment Amount (+/-) Market Animal and Nursery Adjustment Amount (+/-) All Other Adjustment Amount | Revenue to Count Amount | P23 | 43 | 9999999999 | Round to whole number. | |
| | Allowable Revenue Insurance Year Amount | P23 | 18 | 99999999.99 | None | Allowable Revenue for Insurance Year. |
| | Inventory Adjustment Amount | P23 | 19 | S9999999999 | None | |
| | Accounts Receivable Adjustment Amount | P23 | 20 | S9999999999 | None | |
| | Market Animal and Nursery Adjustment Amount | P23 | 21 | S9999999999 | None | Adjustments for Market Animal and Nursery. |
| | All Other Adjustment Amount | P23 | 22 | S9999999999 | None | All Other Adjustments. |
| Unit Deficiency Quantity = Loss Guarantee Amount – Revenue to Count Amount | Unit Deficiency Quantity | P23 | 36 | S99999999.99 | Round to whole number. | |
| Preliminary Indemnity Amount = Unit Deficiency Quantity | Preliminary Indemnity Amount | P23 | 38 | S9999999999 | Round to whole number. | |
| Indemnity Amount = Preliminary Indemnity Amount | Indemnity Amount | P23 | 39 | S9999999999 | Round to whole number. | |

<table>
<tr><td colspan="2"><b>Exhibit Name:</b> Indemnity Calculations<br><b>Exhibit Number:</b> P23-1, Plan 76<br><b>Record Name:</b> WFRP Indemnity<br><b>Record Code:</b> P23</td><td><b>Reinsurance Year:</b> 2018<br><b>Version:</b> Approved<br><b>Release Date:</b> 9/19/2023</td></tr>
</table>

| Calculations | | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|---|
| **Section 2: Replant Payment Guarantee Calculation** | | | | | | | **Replant payment will be available for P19A commodities with ADM AGR Commodity, "A00400", Annual Planting Code equal Annual, "A".** |
| **When Stage Code equals: Replant, "R"** | | Acre Stage Guarantee Amount | P23A | 15 | 99999999.99 | Round to 2 decimal places. | The 'lesser of' amount will be in this field. |
| | Lesser of:<br><br>Actual Replant Cost | Actual Replant Cost | P23A | 10 | 9999.99 | None | Insured's Actual Cost per acre will be submitted in Actual Replant Cost field. |
| | Or | Intended Yield | P19A | 10 | 99999999.99 | | Use Intended Yield if Revised Yield is not available. |
| Acre Stage Guarantee Amount = | Round((Intended Yield or Revised Yield) * (Intended Expected Value Amount or Revised Expected Value Amount),2) * 0.20 * Coverage Level Percent | Revised Yield | P19A | 18 | 99999999.99 | | |
| | | Intended Expected Value Amount | P19A | 12 | 9999999999 | None | Use Intended Expected Value Amount if Revised Expected Value Amount is not available. |
| | | Revised Expected Value Amount | P19A | 20 | 9999999999 | None | |
| | | Coverage Level Percent | P14 | 34 | 9.9999 | None | |
| **Section 3: Replant Payment Loss Guarantee Calculation** | | | | | | | |
| Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage | | Loss Guarantee Amount | Internal | | 99999999.99 | Round to whole number. | |
| | | Determined Acreage | P23A | 11 | 99999999.99 | | |
| **Section 4: Replant Payment Indemnity Calculation** | | | | | | | |
| Indemnity Detail Amount = Loss Guarantee Amount * Insured Share Percent | | Indemnity Detail Amount | P23A | 16 | S9999999999 | Round to whole number. | |
| | | Insured Share Percent | P23A | 12 | 9.9999 | | |
| Indemnity Amount = sum of Indemnity Detail Amounts | | Indemnity Amount | P23 | 39 | S9999999999 | Round to whole number. | |