

**Exhibit Name:** Indemnity Calculations  
**Exhibit Number:** P23-1, Plan 76  
**Record Name:** WFRP Indemnity  
**Record Code:** P23

**Reinsurance Year:** 2022  
**Version:** Approved  
**Release Date:** 8/4/2022

**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**

|   |   |          |    |              |                        |   |
|---|---|----------|----|--------------|------------------------|---|
| $\text{Expense Percentage} = \frac{\text{Allowable Expenses Insurance Year Amount}}{\text{Approved Expense Amount}}$  | 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. If Micro Farm, "9110", then Expense Percentage will default to 1.000. |
|   | Allowable Expenses Insurance Year Amount    | P23      | 17 | 9999999999   | None                   |   |
|   | Approved Expenses Amount                    | P19      | 70 | 9999999999   | None                   |   |
| $\text{Expense Reduction Factor} = 1 - (0.700 - \text{Expense Percentage})$   | 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.  |
| $\text{Adjusted Revenue Amount} = \frac{\text{Expense Reduction Factor} * \text{AIP Approved Revenue Amount}}{\text{Amount}}$   | Adjusted Revenue Amount                     | P23      | 42 | 9999999999   | Round to whole number. | Approved Revenue Amount adjusted for expenses.  |
|   | AIP Approved Revenue Amount                 | P19      | 24 | 9999999999   | None                   |   |
| $\text{Loss Guarantee Amount} = \text{Adjusted Revenue Amount} * \text{Coverage Level Percent}$   | Loss Guarantee Amount                       | P23      | 37 | 99999999.99  | Round to whole number. | WFRP Insured Revenue.   |
|   | Coverage Level Percent                      | P14      | 34 | 9.9999       | None                   |   |
| $\text{Revenue to Count Amount} = \frac{\text{Allowable Revenue Insurance Year Amount} (+/-) \text{Inventory Adjustment Amount} (+/-) \text{Accounts Receivable Adjustment Amount} (+/-) \text{Market Animal and Nursery Adjustment Amount} (+/-) \text{All Other Adjustment Amount}}{\text{Amount}}$ | 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.  |
| $\text{Unit Deficiency Quantity} = \text{Loss Guarantee Amount} - \text{Revenue to Count Amount}$   | Unit Deficiency Quantity                    | P23      | 36 | S99999999.99 | Round to whole number. |   |
| $\text{Preliminary Indemnity Amount} = \text{Unit Deficiency Quantity}$   | Preliminary Indemnity Amount                | P23      | 38 | S9999999999  | Round to whole number. |   |
| $\text{Indemnity Amount} = \text{Preliminary Indemnity Amount}$   | Indemnity Amount                            | P23      | 39 | S9999999999  | Round to whole number. |   |

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| Calculations   | Field Name                     | Record Number | Field Number | Field Format | Field Rounding             | Rules  |
|--|--------------------------------|---------------|--------------|--------------|----------------------------|--|
| <b>Section 2: Replant Payment Guarantee Calculation</b>  |                                |               |              |              |                            | Replant payment will be available for P19A commodities with ADM AGR Commodity, "A00400", Annual Planting Code equal Annual, "A", excluding Hemp Fiber, '1220', Hemp Flower, '1219', Hemp Seed, '1218', and Micro Farm, '9110'. |
| <b>When Stage Code equals: Replant, "R"</b><br><br>Lesser of:<br><br>Actual Replant Cost<br><br>Or<br><br>$\text{Acre Stage Guarantee Amount} = \text{Round}((\text{Intended Yield or Revised Yield}) * (\text{Intended Expected Value Amount or Revised Expected Value Amount}), 2) * 0.20 * \text{Coverage Level Percent}$ | Acre Stage Guarantee Amount    | P23A          | 15           | 99999999.99  | Round to 2 decimal places. | The 'lesser of' amount will be in this field.  |
|  | Actual Replant Cost            | P23A          | 10           | 9999.99      | None                       | Insured's Actual Cost per acre will be submitted in Actual Replant Cost field.   |
|  | Intended Yield                 | P19A          | 10           | 99999999.99  |                            | Use Intended Yield if Revised Yield is not available.  |
|  | 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                       |  |
| <b>Section 3: Replant Payment Loss Guarantee Calculation</b>   |                                |               |              |              |                            |  |
| 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  |                            |  |
| <b>Section 4: Replant Payment Indemnity Calculation</b>  |                                |               |              |              |                            |  |
| 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.     |  |