| Exhibit Name: | Indemnity Calculations | | |
|---|---|---|---|
| Exhibit Number: | P21-4, Plan 40 | Reinsurance Year: | 2023 |
| Record Name: | Acreage Claim | Version: | Approved |
| Record Code: | P21 | Release Date: | 3/6/2025 |

| Insurance Plan Code | 40 Tree Based Dollar Amount of Insurance | | |
|---|---|---|---|
| **Commodity Code** | 0024 Macadamia Trees | 0208 Grapefruit Trees | 0212 Avocado Trees | 0266 Coffee Trees |
| | 0184 Apple Trees | 0209 Lemon Trees | 0213 Carambola Trees | 0267 Papaya Trees |
| | 0192 Tangelo Trees | 0210 Lime Trees | 0214 Mango Trees | 0284 Pecan Trees |
| | 0193 Tangerine Trees | 0211 All other Citrus Trees | 0265 Banana Trees | 0308 Mandarin/Tangerine Trees |
| | 0207 Orange Trees | | | |

| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|
| **Section 1: Loss Guarantee Calculation (all loss data reported at 'unit level')** | | | | | | No CTVE Loss data should be submitted unless a Base Policy Loss has been previously paid. |
| **Apple Trees, Florida Trees and Texas Citrus Trees Commodity Codes** | Loss Guarantee Amount | P21 | 64 | 99999999.99 | Round to whole number. | |
| | Determined Tree Count | P21 | 19 | 9999999999 | None | Tree count by growth stage. |
| | Coverage Level Percent | P14 | 34 | 9.9999 | None | |
| Loss Guarantee Amount = Determined Tree Count * Coverage Level Percent * Price Election Amount * Liability Adjustment Factor | Price Election Amount | P11 | 45 | 9999.9999 | None | Price Election Amount for growth stage and endorsement if applicable. |
| | Liability Adjustment Factor | P21 | 39 | 9.999999 | None | Set to 1.000000 for all Insurance Plan 40 commodities. |
| **Hawaii Tropical Trees:** | Loss Guarantee Amount | P21 | 64 | 99999999.99 | Round to whole number. | |
| | Determined Tree Count | P21 | 19 | 9999999999 | None | Tree count by growth stage. |
| | Coverage Level Percent | P14 | 34 | 9.9999 | None | |
| Loss Guarantee Amount = Determined Tree Count * Coverage Level Percent * Price Election Amount * Liability Adjustment Factor * Yield Conversion Factor | Price Election Amount | P11 (Internal) | 45 | 9999.9999 | None | Price Election Amount for growth stage and endorsement if applicable. |
| | Liability Adjustment Factor | P21 | 39 | 9.999999 | None | Set to 1.000000 for all Insurance Plan 40 commodities. |
| | Yield Conversion Factor | P11 | 59 | 9.999 | None | For Macadamia Trees, "0024", set to 1.00. |

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|---|---|---|---|
| **Exhibit Name:** Indemnity Calculations | | **Reinsurance Year:** 2023 | |
| **Exhibit Number:** P21-4, Plan 40 | | **Version:** Approved | |
| **Record Name:** Acreage Claim | | **Release Date:** 3/6/2025 | |
| **Record Code:** P21 | | | |

| Insurance Plan Code | 40 Tree Based Dollar Amount of Insurance | | |
|---|---|---|---|
| **Commodity Code** | 0024 Macadamia Trees<br>0184 Apple Trees<br>0192 Tangelo Trees<br>0193 Tangerine Trees<br>0207 Orange Trees | 0208 Grapefruit Trees<br>0209 Lemon Trees<br>0210 Lime Trees<br>0211 All other Citrus Trees | 0212 Avocado Trees<br>0213 Carambola Trees<br>0214 Mango Trees<br>0265 Banana Trees |
| | | | 0266 Coffee Trees<br>0267 Papaya Trees<br>0284 Pecan Trees<br>0308 Mandarin/Tangerine Trees |

| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|
| **Section 2: Indemnity Calculation** | | | | | | |
| **All Trees:** | Unit Deficiency Quantity | P21 | 63 | S99999999.99 | Round to whole number. | |
| Unit Deficiency Quantity = $\frac{\text{Loss Guarantee Amount} - \text{Production to Count Quantity}}{}$ | Production to Count Quantity | P21 | 34 | 99999999.99 | None | Production To Count Quantity corresponds with Unit Value to Count from the Production Worksheet (by stage). |
| **Apple Trees, "0184":**<br><br>Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreport Factor * Insured Share Percent | Preliminary Indemnity Amount | P21 | 66 | S9999999999 | Round to whole number. | Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 5% (10% for Fire Blight), No Indemnity is Due. See CTV Endorsement for limitations for Indemnity if CTVE is applicable. |
| | Underreport Factor (URF) | P21 | 46 | 9.999 | None | Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field. |
| | Insured Share Percent | P11 | 43 | 9.9999 | None | |
| **Texas Citrus Trees Commodity Codes "0193", "0207", "0208", "0209" or "0210":**<br><br>Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreport Factor * Insured Share Percent | Preliminary Indemnity Amount | P21 | 66 | S9999999999 | Round to whole number. | Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 5%, No Indemnity is Due. See CTV Endorsement for limitations fo Indemnity if CTVE is applicable. |
| | Underreport Factor (URF) | P21 | 46 | 9.999 | None | Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field. |
| | Insured Share Percent | P11 | 43 | 9.9999 | None | |
| **Hawaii Tropical Trees:**<br><br>Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent * Underreport Factor | Preliminary Indemnity Amount | P21 | Internal | S9999999999 | Round to whole number. | Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 3%, No Indemnity is Due. See CTV Endorsement for limitations of Indemnity if CTVE is applicable. |

| | | | |
|---|---|---|---|
| **Exhibit Name:** Indemnity Calculations | | | |
| **Exhibit Number:** P21-4, Plan 40 | | **Reinsurance Year:** 2023 | |
| **Record Name:** Acreage Claim | | **Version:** Approved | |
| **Record Code:** P21 | | **Release Date:** 3/6/2025 | |

| Insurance Plan Code | 40 Tree Based Dollar Amount of Insurance | | |
|---|---|---|---|
| **Commodity Code** | 0024 Macadamia Trees | 0208 Grapefruit Trees | 0212 Avocado Trees | 0266 Coffee Trees |
| | 0184 Apple Trees | 0209 Lemon Trees | 0213 Carambola Trees | 0267 Papaya Trees |
| | 0192 Tangelo Trees | 0210 Lime Trees | 0214 Mango Trees | 0284 Pecan Trees |
| | 0193 Tangerine Trees | 0211 All other Citrus Trees | 0265 Banana Trees | 0308 Mandarin/Tangerine Trees |
| | 0207 Orange Trees | | | |

| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|
| | Insured Share Percent | P11 | 43 | 9.9999 | None | |
| | Underreport Factor (URF) | P21 | 46 | 9.999 | None | Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field. |
| **Florida Trees:**<br><br>Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreporting Factor * Insured Share Percent | Preliminary Indemnity Amount | P21 | 66 | S9999999999 | Round to whole number. | Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places).  If Amount of Insured Damage < or = 5%, No Indemnity is Due.  See CTV Endorsement for limitations fo Indemnity if CTVE is applicable. |
| | Underreporting Factor (URF) | P21 | 46 | 9.999 | None | Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field. |
| | Insured Share Percent | P11 | 43 | 9.9999 | None | |
| **Pecan Trees (0284):**<br><br>Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreporting Factor * Insured Share Percent | Preliminary Indemnity Amount | P21 | 66 | S9999999999 | Round to whole number. | Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places).  If Amount of Insured Damage < or = 10%, No Indemnity is Due.  See CTV Endorsement for limitations fo Indemnity if CTVE is applicable. |
| | Underreporting Factor (URF) | P21 | 46 | 9.999 | None | Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field. |
| | Insured Share Percent | P11 | 43 | 9.9999 | None | |

| | | | | | |
|---|---|---|---|---|---|
| **Exhibit Name:** Indemnity Calculations | | | | | |
| **Exhibit Number:** P21-4, Plan 40 | | **Reinsurance Year:** 2023 | | | |
| **Record Name:** Acreage Claim | | **Version:** Approved | | | |
| **Record Code:** P21 | | **Release Date:** 3/6/2025 | | | |

| Insurance Plan Code | 40 Tree Based Dollar Amount of Insurance | | |
|---|---|---|---|
| **Commodity Code** | 0024 Macadamia Trees<br>0184 Apple Trees<br>0192 Tangelo Trees<br>0193 Tangerine Trees<br>0207 Orange Trees | 0208 Grapefruit Trees<br>0209 Lemon Trees<br>0210 Lime Trees<br>0211 All other Citrus Trees | 0212 Avocado Trees<br>0213 Carambola Trees<br>0214 Mango Trees<br>0265 Banana Trees |  0266 Coffee Trees<br>0267 Papaya Trees<br>0284 Pecan Trees<br>0308 Mandarin/Tangerine Trees |

| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
|---|---|---|---|---|---|---|
| Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor | Indemnity Amount | P21 | 67 | S9999999999 | Round to whole number. | AIP Indemnity may be reduced if trees are considered destroyed and CTVE was selected (Insurance Option Codes "CV or OX").  Sum of AIP Indemnities for a unit cannot exceed Unit Liability.  See CTV Endorsement for limitations of Indemnity if CTVE is applicable. |
| | Multiple Commodity Adjustment Factor | ICE | | 9999.999 | None | Edit with ICE Multiple Cropping, "D00063". |
| **When Insurance Plan Code is Dollar Amount of Insurance, "40", and Texas Citrus Trees Commodity Code is "0193", "0207", "0208", "0209" or "0210" and CEO Coverage Level is greater than zero:** | | | | | | |
| CEO Indemnity Factor = CEO Coverage Level / Coverage Level Percent | CEO Indemnity Factor | Internal | | 9.99999 | Round to 5 Decimals. | |
| | CEO Coverage Level Percent | P11 | 62 | 9.9999 | None | |
| | Coverage Level Percent | P14 | 34 | 9.9999 | None | |
| Indemnity Amount = Indemnity Amount * CEO Indemnity Factor | Indemnity Amount | P21 | 67 | S9999999999 | Round to whole number. | |