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FLORIDA CITRUS FRUIT LOSS ADJUSTMENT STANDARDS HANDBOOK 2008 and Succeeding Crop Years

**UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.**

FEDERAL CROP INSURANCE HANDBOOK	NUMBER: 25140 (03-2007)
SUBJECT: FLORIDA CITRUS FRUIT LOSS ADJUSTMENT STANDARDS HANDBOOK 2008 AND SUCCEEDING CROP YEARS	OPI: Product Administration and Standards Division
	APPROVED: DATE: <i>/S/Tim B. Witt</i> <i>3/15/07</i> Deputy Administrator, Product Management

THIS HANDBOOK CONTAINS THE OFFICIAL FCIC-ISSUED LOSS ADJUSTMENT STANDARDS FOR THIS CROP FOR THE 2008 AND SUCCEEDING CROP YEARS. ALL REINSURED COMPANIES WILL UTILIZE THESE STANDARDS FOR BOTH LOSS ADJUSTMENT AND LOSS TRAINING.

SUMMARY OF CHANGES/CONTROL CHART

The following list contains significant changes to this handbook, as determined by us. It may not represent all changes made. All changes made to this handbook are applicable regardless of whether or not listed.

Major Changes: Refer to changes or additions in text that have been **highlighted**. Three stars (***) identify information that has been removed.

Changes for Crop Year 2008 issued March 2007:

1. Incorporated the most recent FCIC standard handbook language.
2. Replaced “plot or subplot” with “grove or sub-grove” where appropriate and replaced “insurance provider” with “approved insurance provider” or “AIP,” as applicable.
3. Inserted subsection 2B(3) Abbreviation(s) and added an abbreviation for “DSSH” (the Document and Supplemental Standards Handbook, FCIC-24040). In subsection 2B(4), deleted the definition for “Citrus type” and revised the definition for “Citrus fruit type.” Made revisions throughout the handbook to reflect the use of the term “Citrus Fruit Type or sub-type” as applicable.
4. Revised subsection 3A to follow the crop provisions regarding insurability.
5. Clarified subsections 4C and 4E.
6. Clarified subsections 5C and 5E(2).
7. In Section 7A, 8A, and 10A, inserted references to the Document and Supplemental Standards Handbook for the Privacy Act and Nondiscrimination Statements and in Section 10A also inserted the required insured’s signature certification statement.
8. In subsection 7C, modified Part I, item 17 completion instructions to address immature fruit appraisals and to insert a table that provides, by crop, the average number of fruit per box for immature fruit which was originally issued in Manager’s Bulletin No. MGR-04-008. For items 11, 20 and 28, inserted the requirement to enter the code identifying the insured cause of loss.

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SUMMARY OF CHANGES/CONTROL CHART

Inserted instructions to document damage due to uninsurable causes and revised Example 1 to reflect such entries. For items In Part II, item 29, clarified the required entries when all fruit has been harvested from the trees. In Part IV, item 61 b., inserted instructions to transfer the entry to the Production Worksheet. Revised example form entry information to reflect changes in the completion instructions and to correct the formula in the title of item 37 for Examples 2 through 6.

9. Revised the titles of subsections 7D, 7E, 8A, and 8C to match the titles on the form examples.
10. Revised the form instructions and examples in subsections 8B and 9B to include entries for “Company Name,” and “Claim Number.” In subsection 8B, also inserted form instructions requiring identification of the “Crop Year” for which a claim is being filed. In subsection 8C, item 11, inserted the requirement to identify the address of the processor. Revised the form example to reflect the new entry items.
11. In Section 9, revised the title of the example form from “Florida Citrus Production Sheet” to “Florida Citrus Juice Production Summary” so the title defines the purpose of the form and to eliminate any confusion with the Production Worksheet. In Part I, item 12 and Part II, item 20, inserted the requirement to enter the location of the processor receiving the fruit. Revised the form examples to reflect the new entry items.
12. Revised subsection 10C Production Worksheet instructions for item 14, to reflect the latest standard handbook language, under Section I item A, inserted a reference to the LAM for information on first and second crops. For items B and C, inserted references to the LAM and CIH, and for item M inserted a reference to the LAM for information on uninsured cause appraisals. In the Narrative instructions inserted instructions to document the calculations used to determine the adjusted percent potential entered in Section I, item L.
13. On the Production Worksheet example, inserted a unit number in item 12 representing a non-loss unit. In Section I item A, inserted a code indicating the example entries were for a first crop and that a second crop was not applicable and corrected the entry in item N to be in hundredths.
14. Revised **TABLE A** in Section 11, to reflect the latest standard handbook language regarding the minimum number of representative samples required when appraising citrus fruit production.
15. Made additional changes to correct spelling, format and punctuation.

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Insert and Current Index	1-2	1-4	1-50	51-62	03-2007	FCIC-25140

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1. INTRODUCTION

THIS HANDBOOK MUST BE USED IN CONJUNCTION WITH THE LOSS ADJUSTMENT MANUAL (LAM) STANDARDS HANDBOOK FCIC-25010.

The FCIC-issued loss adjustment standards for this crop are the official standard requirements for adjusting Multiple Peril Crop Insurance (MPCI) losses in a uniform and timely manner. The FCIC-issued standards for this crop and crop year are in effect as of the signature date for this crop handbook at www.rma.usda.gov/handbooks/25000/index.html. All reinsured companies will utilize these standards for both loss adjustment and loss training for the applicable crop year. These standards, which include crop appraisal methods, claims completion instructions, and form standards, supplement the general (not crop-specific) loss adjustment standards identified in the LAM.

2. SPECIAL INSTRUCTIONS

This handbook remains in effect until superseded by reissuance of **either** the entire handbook **or** selected portions (through slipsheets or bulletins). If slipsheets have been issued for a handbook, the original handbook as amended by slipsheet pages shall constitute the handbook. A bulletin can supersede either the original handbook or subsequent slipsheets.

A. DISTRIBUTION

- (1) The following is the minimum distribution of forms completed by the adjuster and signed by the insured (or the insured's authorized representative) for the loss adjustment inspection:
 - (a) One legible copy to the insured.
 - (b) The original and all remaining copies as instructed by the approved insurance provider (AIP).
- (2) It is the AIP's responsibility to maintain original insurance documents relative to policyholder servicing as designated in their approved plan of operations.

B. TERMS, ABBREVIATIONS, AND DEFINITIONS

- (1) Terms, abbreviations, and definitions **general** (not crop specific) to loss adjustment are identified in the LAM.
- (2) Terms, abbreviations, and definitions **specific** to Florida citrus fruit loss adjustment and this handbook, which are not defined in this section, are defined as they appear in the text.
- (3) Abbreviation(s):

DSSH

Document Supplemental Standards Handbook (FCIC-24040).

(4) Definition(s):

*** **Citrus fruit type** The citrus fruit type (or crop) listed in the actuarial documents (e.g., Citrus IV (0248) which may be further divided into citrus “sub-types” (e.g., Tangerines (043), Tangelos (045), and Navel Oranges (046)).

3. INSURANCE CONTRACT INFORMATION

The AIP is to determine that the insured has complied with all policy provisions of the insurance contract. Crop provisions which are to be considered in this determination include (but are not limited to):

A. INSURABILITY

The following may not be a complete list of insurability requirements. Refer to the Basic Provisions, Florida Citrus Fruit Crop Provisions, and the Special Provisions for a complete list.

(1) The crop insured will be all acreage of each Florida citrus fruit type that the insured elects to insure in which the insured has a share, that is grown in the county shown on the application, and for which a premium rate is quoted by the actuarial documents; and:

(a) That are citrus fruit types (and subtypes) listed on the Special Provisions that are grown in a grove that, if inspected, is considered acceptable by the AIP.

(b) Insurance will not attach to any citrus fruit types (or subtypes) which:

1 Is grown on trees that have not reached the fifth growing season after being set out, unless otherwise provided in the Special Provisions, or a written agreement is authorized to insure such citrus fruit;

2 Are not expected to mature each crop year within the normal maturity period for the type (or subtype);

3 Are Robinson tangerines which the insured has elected to exclude from insurance (for any crop year, if the insured elects to do so by April 30 immediately preceding the crop year or, for a new policy, the later of April 30 or the date of insurance application);

4 Are not insurable citrus fruit types, as listed in the policy such as “Meyer lemons” and oranges known as “Sour Oranges” or “Clementines.”

(c) Upon the AIP’s approval, prior to the date insurance attaches, the insured may elect to insure or exclude from insurance any insurable acreage that has a potential production of less than 100 boxes per acre. If the insured elects to:

1 Insure such acreage, the potential production will be considered to be 100 boxes per acre when determining the amount of loss; or

2 Exclude such acreage, the acreage will be disregarded for all purposes related to the contract.

If the insured fails to provide notice of the election to insure or exclude the acreage, and the potential production from such acreage is 100 or more boxes per acre, the AIP will determine the percent of damage on all of the insurable acreage for the unit, but will not allow the percent of damage for the unit to be increased by including such acreage.

(2) The AIP will inspect the grove at least the first year for applicants requesting coverage. AIP's may waive subsequent grove inspections only if:

(a) The total grove acreage is less than 250 acres; and

(b) A "Self Certification Inspection" is authorized.

Refer to the Crop Insurance Handbook (CIH) for more information.

(3) A citrus fruit type (subtype) interplanted with another citrus fruit type (subtype) is insurable unless the acreage is inspected by the AIP and it does not meet the requirements contained in the policy.

(4) Insurance coverage is provided against the named perils of fire, freeze, hail, hurricane, or tornado, occurring within the insurance period. The insurance period begins May 1 (refer to Section 8 of the Florida Citrus Fruit Crop Provisions for specific information) and ends the calendar date for the end of insurance for each crop year:

(a) January 31 for tangerines and navel oranges;

(b) April 30 for lemons, limes, tangelos, early and mid-season oranges; and

(c) June 30 for late oranges, grapefruit, Temple and Murcott Honey Oranges.

(5) Citrus fruit types (or crop) are policy types and are considered separate basic units. The Citrus fruit types (or crop) are designated as Citrus I (0245), Citrus II (0246), Citrus III (0247), Citrus IV (0248), Citrus V (0249), Citrus VI (0250), and Citrus VII (0251). Within the citrus fruit type (or crop), citrus fruit sub-types are designated on the Special Provisions; e.g., Citrus I (0245) contains citrus fruit sub-types early oranges (011) and mid-season oranges (012). Grapefruit may be insured as either Citrus III (juice basis) or Citrus VII (fresh-fruit basis), and Late Oranges may be insured as either Citrus II (juice basis) or Citrus VII (fresh-fruit basis); the same acreage can only be insured as one citrus fruit type on the policy (refer to the Special Provisions for record requirements for insuring grapefruit or oranges as Citrus VII).

B. PROVISIONS AND PROCEDURES NOT APPLICABLE TO CAT COVERAGE

*** Refer to the CIH and the LAM for other provisions and procedures not applicable to CAT

C. UNIT DIVISION

Refer to the insurance contract for unit provisions. Unless limited by the Crop or Special Provisions, a basic unit, as defined in the Basic Provisions, may be divided into optional units if, for each optional unit, all the conditions stated in the applicable provisions are met.

D. QUALITY STANDARDS

- (1) Florida Citrus fruit production sold as fresh fruit must meet the applicable United States Standards for Grades of Florida Fruit.
- (2) Florida Citrus fruit production sold for juice must meet the applicable provisions of the State of Florida Citrus Fruit Laws.

4. FLORIDA CITRUS FRUIT APPRAISALS

A. GENERAL INFORMATION

- (1) Potential production **for all types of inspections** will be appraised in accordance with procedures specified in this handbook and in the LAM.
- (2) Specifically for Florida citrus fruit, circumstances that require an appraisal include (but are not limited to):
 - (a) The insured has reported insured damage which may cause the fruit to fail to meet marketability requirements by **citrus fruit** type;
 - (b) The insured has Florida citrus fruit acreage that they do not intend to harvest or which is unharvested at the end of the insurance period;
 - (c) Fruit production evidence will be lost if an inspection is delayed.
 - (d) Inspections requested by the **AIP**.
- (3) **Appraisal dates:**
 - (a) Will be based on the cause of loss, the date of notice of damage, and the information to be gleaned from the inspection.
 - (b) The **AIP** will set appraisal dates.

B. SELECTING REPRESENTATIVE SAMPLES FOR APPRAISALS

- (1) **Make a general examination of all acreage in the grove or sub-grove.** Determine the number and general location of trees to be used in the representative samples based on **the**:
 - (a) Total acreage and number of trees;
 - (b) Extent of variation in the amount of production or damage within the acreage and location of the fruit on the tree. When variable damage causes the crop potential to be

significantly different within the same grove, or when the insured wishes to destroy a portion of the grove, split the grove into sub-groves, and appraise each one separately;

- (c) Percent of each citrus fruit type in the acreage;
 - (d) Tree age, size, density, and vigor. Do not sample weaker than average trees.
 - (e) Extent to which the amount of harvested fruit varies over the grove or sub-grove.
- (2) Take not less than the minimum number (count) of representative samples required in TABLE A for each grove or sub-grove.
- (3) Use separate sub-grove numbers where part of the grove was harvested:
- (a) Before damage occurred;
 - (b) Within seven days after a damaging freeze; or
 - (c) Prior to an inspection.
- (4) Prepare a sketch map on a Special Report to record the location(s) involved, indicating any significant production variations between groves or sub-groves.

C. SELECTING RANDOM FRUIT SAMPLES

- (1) A fruit sample must be representative of ALL THE FRUIT IN THE GROVE OR SUB-GROVE and taken from all areas of the tree canopy; the top, middle, bottom, inside and outer edge (refer to subsection 5.C. below for additional sampling methods using tree quadrants).
- (2) Uniform fruit may be adequately sampled by a 100-fruit sample. Where conditions and/or damage vary greatly within a grove or sub-grove, a larger sample may be necessary.
- (3) Never use less than 100 fruit per sample as a basis for establishing the percent of damage for any grove or sub-grove.

D. PRELIMINARY INSPECTIONS

- (1) When notices of damage or loss are received before it is possible to accurately assess crop damage, make inspections as directed by the AIP to verify the cause and relative severity of the damage.
- (2) Prepare a **Special Report** form to record inspection results to document there was an inspection, the probable cause of damage, and that any loss of potential was not sufficient to claim an indemnity. A standard statement may be used on the report such as:
- “Inspection of these units on _____ (date) shows that there was not sufficient damage to support a claim. As a result, there is no indemnity due.”*
- (3) Advise the insured that the AIP will not automatically make another inspection. If further damage occurs or a claim will be filed, the insured must give another notice of damage.

- (4) When notices of damage or loss are received after it is possible to accurately assess damage or appraise production, make inspections as soon as possible. Record the results of such inspections, including any undamaged production on the unit, on the Adjuster's Citrus Worksheet.

E. GROUND COUNT INSPECTIONS

Ground-count inspections are preliminary inspections used solely to determine the average number of fruit per tree **that fell to the ground** due to freeze, hail, hurricane, or tornado. **Ground counts of fallen fruit** can also be part of a regular preliminary inspection or a final inspection, depending on when the damage occurred relative to fruit maturity and the cause of loss. Fruit ground counts must be made to document fruit set on the trees relative to production to be counted for fresh market or juice.

5. APPRAISAL METHODS

A. GENERAL INFORMATION

These instructions provide information on appraisal methods for:

Appraisal Method...	Use...
Dropped Fruit Ground Count Method	To determine the number of boxes of fruit per acre lost when fruit has fallen to the ground due to an insurable cause.
Tree Fruit Count Method	with ground-count inspections, to estimate amount of fruit for juice-loss determinations.
Freeze-damage Determination Method	To determine fruit damage caused by freeze.
Fresh-fruit Hail-scar Damage Method	To determine fruit damage caused by hail.

B. DROPPED FRUIT GROUND COUNT METHOD

- (1) Determine, by actual count, the average number of fallen fruit per tree from representative trees:
- (a) Avoid reset trees, under-producing trees, and **missing trees (or skips)** when choosing representative trees for the **fruit** ground count. They will depress the ground count average since their overall production will be below the remainder of the **grove or sub-grove**.
 - (b) Count only the fruit that would be expected to mature in the normal harvest period for the variety. **For tangerines**, disregard **fruit** that would not meet the 210 pack size (2-4/16 inches minimum diameter) or 420 box size (by the end of the insurance period for tangerines) under the U.S. Standards for all insurance purposes. Fruit on the ground due to uninsured causes or due to normal drop will NOT be counted as lost.

- (2) If “hurricane” is the cause of loss, the fruit could be carried away by flooding. Establish the number of fruit lost in this event by subtracting the number of fruit remaining on the tree from the potential prior to the hurricane. This may have to be established from information obtained on an earlier inspection, from similar groves in the area, or based on facts **such** as the size, age, and condition of the trees before the hurricane damage occurred.
- (3) Do not include any ground count **fruit** production that will be picked up at harvest. Such fruit will be considered lost to the same extent as **on-tree** fruit. A post-harvest ground count must be made regardless of the cause of loss if damage occurred near harvest and it appears likely that ground fruit will be picked up.
 - (a) Occurrence of hurricanes or tornados must be confirmed through reliable information sources such as newspaper or weather bureau reports or document, on a Special Report, evidence of such storms in the vicinity of the affected grove. Excessive wind not associated with a hurricane or tornado is not considered an insurable cause of loss.
 - (b) Fruit remaining on the tree that is damaged by hail near harvest time to the extent that it would be expected to fall to the ground at a later date, will be counted as ground fruit after it actually falls. Severely hail-damaged citrus fruit will usually fall to the ground within two to three weeks of the hail storm, defer ground counts until an accurate determination can be made.

C. TREE FRUIT COUNT METHOD

An estimate of the amount of on-tree fruit on a representative number of trees must be made on most inspections (for large trees, divide the tree into quadrants and determine the amount of on-tree fruit on one quadrant and multiply by 4 to determine the amount of fruit on the entire tree). On-tree fruit estimates are NOT REQUIRED on “post-harvest ground count” inspections and inspections where hurricane or tornado is the cause of loss, but are REQUIRED for “ground count only” inspections. Where a juice-loss determination will be calculated from processing records, an on-tree fruit estimate must be made to verify insurable damage.

D. FREEZE-DAMAGE DETERMINATION METHOD

- (1) Any **fruit** of Citrus I, II, III, or VI damaged by freeze that can be processed into products for human consumption will be considered marketable for juice.
 - (a) Records for harvested juice fruit will be obtained from processing-plant records or inspection certificates. If juice fruit will remain unharvested, fruit samples must be submitted for test house analysis.
 - 1 If a juice loss has been confirmed on juice fruit and records of production and juice content have been requested, complete a Special Report to document the request for juice loss determination and what was found. A standard statement may be used on the report such as:

“On ____ (date), I visited the referenced grove and examined ____ (#) fruit on the tree. Of the fruit examined, ____ (#) show juice loss evidenced by dryness in internal segments. Records of production and juice content have

been requested so that the amount of juice loss can be determined from test house analysis.”

“The estimated average production is ____ boxes per tree.”

- 2 If individual load certificates **HAVE NOT** been summarized by processing plant(s) or one or more processing plants received fruit for any crop year, use a “Tabulation of Production Records From Individual Load Certificates” to summarize the juice-per-weight-box records (refer to Section 8, below).
 - 3 If the individual load certificates have been summarized (averaged), use a “Florida Citrus Summary of Production Worksheet” to record the juice-per-weight-box records (refer to Section 9, below).
- (2) For serious freeze damage on Citrus IV, V, and VII, (fresh fruit) the number of fruit in the sample that are unmarketable as fresh fruit, are to be evaluated by MECHANICAL SEPARATION or the FRESH FRUIT CUT METHOD OF APPRAISAL.
- (a) The following 2000 Florida Statutes; Title XXXV Agriculture, Horticulture, and Animal Industry; Chapter 601 Florida Citrus Code; is written exactly as stated.
- “601.89 Citrus fruit; when damaged by freezing –*
- (1) *Citrus fruit will be deemed “seriously” damaged by freezing when such freezing causes:*
 - (a) *Marked dryness to extend into the segments of oranges and grapefruit more than 1/2 inch at the stem end; or into segments of mandarin or hybrid varieties more than 1/4 inch at the stem end; or more than an equivalent amount by volume of dryness to occur in any other portions of the fruit.*
 - (b) *Internal freeze-related injury, as defined in subsection (3), when such condition or combination of conditions is determined to affect the fruit to a degree equal in seriousness to that described in paragraph (a).”*
- (3) Citrus fruit shall be considered “damaged” by freezing when such freezing causes:
- (a) Marked dryness to extend into the segments of oranges and grapefruit more than 1/4 inch but less than 1/2 inch at the stem; or into segments of mandarin or hybrid varieties more than 1/8 inch but less than 1/4 inch at the stem end; or more than an equivalent amount by volume of dryness to occur in any portions of the fruit.
 - (b) Internal freeze-related injury, as defined by subsection (3) of the Florida Citrus Code, when such condition or combination of conditions is determined to affect the fruit to a degree equal in seriousness to that described in paragraph (1) (a) of the Florida Citrus Code.
- (4) Internal freeze-related injury to citrus fruit shall consist of any of the following:

- (a) Wet cores or wet segment walls;
- (b) Water soaking;
- (c) Juice cell breakdown;
- (d) Mushy condition;
- (e) Honeycomb or open spaces in the pulp; or
- (f) Other evidence of internal breakdown, decay or moldy condition.

The conditions described in (1) (a) and (b) of the Florida Citrus Code above are causes for consideration as serious damage in the interim period between the 8th day after the freeze and the time that the drying process develops. Evidence of the above that did not progress to dryness will not be considered as serious damage. Dryness is not necessarily the result of freeze damage. Where dryness is found in fruit without other evidence of freeze injury, the fruit will be considered not damaged.

(5) **MECHANICAL SEPARATION (FLOATATION):** Any unit which is mechanically separated for:

- (a) Other than tangerines, the percent of damage will be determined by the percent of damaged fruit, not to exceed 50 percent.
- (b) Tangerines, the percent of damage will be determined by the actual percent of damaged fruit.

(6) **FRESH-FRUIT CUT:** The number of unharvested freeze-damaged fruit considered 100 percent damaged for juice content, divided by the number of fruit **in the sample** equals the calculated percent of the production considered damaged if the fruit is **not harvested**, EXCEPT FOR:

- (a) Grapefruit (Citrus VII), Navel oranges, Tangelos, Temple oranges, and Murcott Honey oranges, which are considered 50 percent damaged if the calculated percent of damage is 16.0 percent or more.
- (b) Tangerines (Citrus IV), which use the larger of 50 percent or the actual percent of damage if the calculated percent of damage is 16.0 percent or more.

Percent of damage for any harvested fresh fruit production will be determined from production/market records.

Unmarketable Fresh Fruit (Citrus Fruit Types IV, V, & VII, except as noted)	Calculated Percent of Damage	FRESH-FRUIT CUT Percent of Damage
Citrus VII (0251), Citrus V (0249), and Citrus IV (0248) except Tangerines	Less than 16%	None
	16% or more	50%
Tangerines	Less than 16%	None
	16% or more	50% or actual % if the damage exceeds 50%

(7) **DRYNESS CUT:**

(a) Further determine fruit dryness only when making a final determination of juice loss on unharvested Citrus IV (except Tangerines), Citrus V, and Citrus VII crops **when 16% or more of the fruit in a sample shows serious freeze damage using the fresh fruit cut method.** If the juice loss from the dryness cut sample does not exceed 50%, then 50% will be the percent of damage for the sample as specified in the instructions for the fresh fruit cut. Samples qualifying for Dryness Cut evaluation **may** be taken to a processor for testing in place of performing the following Dryness Cut procedure.

(b) Using a sharp, thin-bladed knife, cut the sample fruit. When all the segments of a fruit are NOT dry beyond a cut made at one-fourth of the distance from the stem end to the blossom end (or the equivalent of this amount by volume, when occurring in other portions of the fruit), the fruit will be considered to have sustained **no damage** from freeze.

“Where there is juice loss of less than 16 percent, the fruit will be considered undamaged.”

ii *When all the segments of a fruit are dry beyond the one-fourth cut but not beyond a center cut (or the equivalent of this amount by volume, when occurring in other portions of the fruit), the fruit will be considered **40 percent damaged.***

“If 16 percent but less than 50 percent juice loss in a fruit, the fruit shall be considered as 40 percent damaged.”

iii *When all the segments of a fruit are dry beyond the center cut but not beyond a cut made at two-thirds of the distance from the stem end to the blossom end (or the equivalent of this amount by volume, when occurring in other portions of the fruit), the fruit will be considered **70 percent damaged.***

“Where there is as much as 50 percent but less than 75 percent juice loss in a fruit, the fruit shall be considered as 70 percent damaged.”

iv *When all the segments of a fruit are dry beyond the two-thirds cut (or the equivalent of this amount by volume, when occurring in other portions of the fruit), the fruit will be considered totally lost (**100 percent damaged**).*

“Where there is 75 percent or more juice loss in a fruit, the fruit shall be considered totally lost or 100 percent damaged.”

Juice Loss Determination for Individually Sampled Fruit from Dryness Cut	
Percent Lost Juice/Fruit	Percent Damage/Fruit
0 – 15.99	NONE
16 - 49.99	40
50 - 74.99	70
75 – 100	100

E. FRESH-FRUIT HAIL-SCAR DAMAGE METHOD

- (1) Severely hail-damaged citrus fruit will usually fall to the ground within two or three weeks of the hail storm. Wait **AT LEAST TWO WEEKS** before making the loss determination, if possible. When the hail occurs near the normal harvesting period and the insured plans to immediately harvest the crop, it may be necessary to make the loss determination soon after the storm.
- (2) Fresh Fruit Citrus IV, V, VI, and VII; wind scar damage resulting from a hurricane will be adjusted using the Fresh-Fruit Hail-Scar Damage Method. However, if the insured harvests the crop as fresh fruit, use packing records in lieu of the Hail-Scar Method to determine production to count.
- (3) A random sample of tree fruit is collected for examination. The sample is graded by separating out the damaged fruit that is unmarketable as FRESH FRUIT. For:
 - (a) Citrus VII grapefruit; separate out fruit that are not well-healed, or with damage aggregating more than a circle 5/8-inch in diameter on a 70-size grapefruit.
 - (b) Citrus IV Navel oranges and Tangelos, Citrus V (Murcott Honey oranges and Temple oranges), and Citrus VII Late Oranges (Valencias); separate out fruit that are not well-healed, or with damage aggregating more than a circle 1/2-inch in diameter on a 200-size orange.
 - (c) Citrus IV Tangerines; separate out fruit that are not well-healed, or with damage aggregating more than a circle 3/8-inch in diameter on a 210-pack size tangerine.
- (4) Percent of damage is the percent of the sample graded out of the original sample.
- (5) If any such fruit is later marketed as fresh fruit, this determination will be disregarded and the citrus will be treated as marketable fresh fruit.

EXAMPLE:

A random sample of 100 hail-scarred 200-size Navel Oranges have 32 oranges sorted out due to damage aggregating a circle greater than 1/2-inch.

$32 \text{ qualifying damaged oranges} \div 100 \text{ fruit sample} = 32.0 \text{ percent hail-scar damage.}$

F. HANDLING PRE-HARVEST APPRAISAL DISCREPANCIES

If the insured disagrees with the pre-harvest appraisal, make arrangements for leaving representative trees UNHARVESTED and for inspecting those trees when the citrus fruit are ready to harvest (harvest-appraisal). The adjuster and insured should jointly determine the trees to be selected for this representative sample. Make a sketch map of the grove or sub-grove and mark the sample trees by row number and tree count within the chosen row. An adjuster must be present when the representative trees are harvested. Neither the type of Florida citrus fruit producing operation (e.g., hand basket, packing, etc.) nor economic considerations (e.g., cost of picking and/or packing) are to be considered when establishing appraised production to count.

6. APPRAISAL DEVIATIONS AND MODIFICATIONS

A. DEVIATIONS

Deviations in appraisal methods require RMA written authorization (as described in the LAM) prior to implementation.

B. MODIFICATIONS

There are no pre-established appraisal modifications contained in this handbook. Refer to the LAM for additional information.

7. APPRAISAL WORKSHEET ENTRIES AND COMPLETION PROCEDURES

A. APPRAISAL WORKSHEET FORM STANDARDS

- (1) The entry items in subsection 7C are the minimum requirements for the Citrus Appraisal Worksheet. All entry items are “Substantive” (i.e., they are required).
- (2) Appraisal Worksheet Completion Instructions. The completion instructions for the required entry items on the appraisal worksheet in the following subsections are “Substantive” (i.e., they are required).
- (3) The Privacy Act and Nondiscrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown on the example form in this section. The current Privacy Act and Nondiscrimination statements can be found in the DSSH.
- (4) Refer to the DSSH for other crop insurance form requirements (e.g., font point size, etc.).

B. GENERAL INFORMATION FOR WORKSHEET ENTRIES AND COMPLETION PROCEDURES

- (1) Include the AIP’s name in the appraisal worksheet title if not preprinted on the AIP’s worksheet or when a worksheet entry is not provided.

- (2) A separate Adjuster's Citrus Worksheet must be prepared for each citrus fruit type and subtype insured within the unit (e.g., Citrus I, subtype (011) must be listed on a separate Adjuster's Citrus Worksheet from that of Citrus I, subtype (012)). Refer to Section 4 above for sampling instructions.
- (a) Sub-groves of a citrus fruit type may be entered on separate lines of the same worksheet for the citrus fruit type as room allows.
- (b) Multiple inspections may be documented on the same worksheet.
- (3) Record damage due to uninsurable causes of loss on separate lines.
- (4) Standard appraisal worksheet items are numbered consecutively in subsection C below. An example appraisal worksheet is also provided to illustrate how to complete entries.

C. WORKSHEET ENTRIES AND COMPLETION INFORMATION

Verify or make the following entries:

- | <u>Item No.</u> | <u>Information Required</u> |
|------------------------|---|
| 1. | Company: Name of the AIP, if not pre-printed on the worksheet (Company Name). |
| 2. | Policy Number: Insured's assigned policy number. |
| 3. | Claim Number: Claim number as assigned by the AIP. |
| 4. | Unit No.: Five-digit unit number from the Summary of Coverage after it is verified to be correct (e.g., 00100). |
| 5. | Type & Kind of Fruit: Citrus fruit type (or crop) and subtype inspected as listed on the actuarial documents (e.g., Citrus I (011)). |
| 6. | Crop Year: Four-digit crop year, as defined in the policy, for which the claim has been filed. |
| 7. | Name of Insured: Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued. |
| 8. | Acres: Number of determined acres, to tenths, in grove or sub-grove being appraised. |
| 9. | No. of Trees: Number of insured trees represented by this worksheet (grove or sub-grove). Use actual tree counts where feasible, otherwise refer to TABLE B for estimating tree numbers by tree spacing. Document on a Special Report why estimated trees were used in place of actual tree counts. If the number of trees as reported on the grove inspection is found to be incorrect, prepare a Special Report documenting the discrepancy. |
| 10. | No. of Trees Harvested: Number of trees found harvested at the time of the initial inspection of the unit. This entry will not be modified on subsequent inspections. |

11. **Cause(s) of Loss/Date(s):** Insured cause(s) of damage, the applicable loss code(s), and the month, day, and year the damage occurred (e.g., MM/DD/YYYY). For progressive damage, enter the month and year most of the damage occurred (e.g., MM/YYYY).
12. **Inspection Types:** Type of inspection to be conducted. For subsequent inspection(s), mark out the previously marked entry as appropriate.
- ***13. **Date(s):** Enter the date of notice and line through any previous date(s) of notice.
14. **Inspection Number:** Number of the inspection in chronological order, e.g., Ground Count Only = "1," Preliminary (after Ground Count Only) = "2," etc. Line through any previous inspection number.

**PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL,
HURRICANE OR TORNADO**

Complete for fruit on the ground lost through insurable and uninsurable causes.

15. **Plot No.:** Grove or sub-grove identification number applicable to the area being appraised. A sketch map (on a Special Report is to be included in the file) must be prepared if several appraisals are being made on the unit, stating pertinent information in regard to the grove/sub-grove, e.g., harvested prior to inspection, etc.
- ***16. **Number of Trees:** Number of insured trees located in the grove/sub-grove. Encircle the first line entry to exclude it from the Total (item 24) when the entry for this inspection duplicates or updates a previous inspection. Encircle entry used to document uninsured causes of loss and exclude it from the Total (item 24).
17. **Fruit Size Per Box:** Average fruit size as determined by actual measurement or sizing caliper of mature fruit. The fruit measurement may not be applicable because of immature fruit, therefore, use the average fruit numbers provided, by crop, in the following table (from Bulletin No. MGR-04-008):

IMMATURE FRUIT		
CITRUS FRUIT	AVERAGE FRUIT PER BOX	
Early/Mid Oranges	247	
Valencia Oranges	202	
White Grapefruit	90	
Colored Grapefruit	98	
Navels Oranges	133	
Temple Oranges	211	
Tangelos	220	
Tangerines	Fallglo	236
	Sunburst	297
Honey Oranges, Murcott	252	
Lemon	280	

When a grove/sub-grove is harvested prior to a ground-count inspection, indicate the production was "harvested prior to a ground count inspection" by entering the explanation in items 17 through 19. Enter a post-harvest ground count on a subsequent line.

18. **Grnd. Fruit Per Tree:** When fruit on the ground will not be marketed, count the number of fallen fruit under each representative tree (refer to **TABLE A** for minimum sample requirements) and divide by the number of trees sampled to determine the average number of fruit per tree that are on the ground (refer to Ground Count appraisal instructions).
19. **Boxes Lost Per Tree:** Ground Fruit Per Tree (item 18) divided by Fruit Size Per Box (item 17), rounded to tenths.
20. **Cause of Loss:** Name and code of insured cause of loss for the line as listed in the LAM. Use a separate line to document uninsured causes of loss.
21. **Applicable Percent:** “100.” Total whole percent of loss applicable to insured Cause of Loss identified in item 20.
22. **Boxes on Ground:** Number of Trees (item 16) multiplied by Boxes Lost Per Tree (item 19), rounded to tenths. Encircle entry for uninsured causes of loss to exclude it from the Total for item 24.

***When a previous inspection has been made or freeze is the cause of loss, the post-harvest ground count must be entered on a succeeding line in Boxes on Ground (item 22) and Boxes Lost (item 23). Enter a statement such as “see next line for post-harvest ground count” through items 22 and 23.

23. **Boxes Lost:** Applicable Percent (item 21) multiplied by Boxes on Ground (item 22). Divide the result by 100 and round to tenths (if result is “zero,” make NO ENTRY). Make NO ENTRY for uninsured causes of loss.
24. **Total:** Separate column totals of all lines of Number of Trees (item 16), Boxes on Ground (item 22), and Boxes Lost (item 23). DO NOT INCLUDE encircled (duplicate) entries.

PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)

Use for juice and fresh fruit remaining on the tree.

25. **Plot No.:** Grove or sub-grove identification number applicable to the area being appraised. A sketch map (on a Special Report to be included in the file) must be prepared if several appraisals are being made on the unit, stating pertinent information in regard to the grove/sub-grove, e.g., harvested prior to inspection, etc.
26. **Number of Trees:** Number of insured trees located in the grove/sub-grove. Encircle the line entry to exclude it from the Total (item 38) when it updates a previous inspection (duplicates the “Number of Trees” count with updated information). Encircle entry use to document uninsured causes of loss to exclude it from the Total for item 38.
27. **Boxes Per Tree:** Estimated average number of boxes of fruit per tree.
28. **Cause of Loss:** Name and code of insured cause of loss for the line as listed in the LAM. Use a separate line to document uninsured causes of loss.

For hurricane and/or tornado losses, DO NOT MAKE ENTRIES in columns 29 through 35. Enter “To Record Production Only” across these columns and enter “0.0” in Boxes Lost (item 37). Refer to Example 3. In the Part II heading, mark out “PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS).” If possible, use past harvest records to determine production for Boxes Produced (item 36). (To avoid counting production twice, subtract Boxes on Ground (item 22) from (gross) past-harvest-record Boxes Produced, to enter (net) Boxes Produced (item 36).)

29. **Number in Sample:** Number of fruit included in the random sample. If ALL fruit have been harvested from the trees, enter the statement “No unharvested production on trees” in items 29 through 35, complete item 38, and MAKE NO OTHER ENTRIES in this Part.
30. **No. @ 100%:**
- a. The number of fruit considered 100 percent damaged by serious freeze damage, determined by FRESH FRUIT CUT, on tangerines (Citrus IV).
 - b. The number of fruit considered 100 percent damaged by serious freeze damage, determined by DRYNESS CUT on Citrus IV, Citrus V, and Citrus VII.
 - c. The number of fruit considered lost by serious hail damage on Citrus IV, Citrus V, and Citrus VII that are unmarketable as fresh fruit.
31. **No. @ 70%:** For serious freeze damage on Citrus IV, V, and VII, the number of fruit considered 70 percent damaged by DRYNESS CUT.
32. **Col. 31 X .7:** Item 31 multiplied by 0.7, rounded to tenths.
33. **No. @ 40%:** For serious freeze damage on Citrus IV, V, and VII, the number of fruit considered 40 percent damaged by DRYNESS CUT.
34. **Col. 33 X .4:** Item 33 multiplied by 0.4, rounded to tenths.
35. **% Damage:**
- a. Percent of damage for fresh fruit NOT MARKETED, determined by:
 - (1) **MECHANICAL SEPARATION (FLOATATION).** Refer to subsection 5D(5) above. Enter to tenths for:
 - (a) Other than tangerines, the percent of damaged fruit, not to exceed 50 percent.
 - (b) Tangerines, the percent of damaged fruit.
 - (2) **FRESH-FRUIT CUT** Refer to subsection 5D(6) above. For Tangerines (of Citrus IV), if the percent of sample damage is 16.0 percent or more, enter the GREATER of “50.0” percent or the actual percent of damage, to tenths.
 - (3) **DRYNESS CUT.** Refer to subsection 5D(7), above. The sum of No. @ 100% (item 30), Col. 31 X .7 (item 32), and Col. 33 X .4 (item 34), divided by Number in Sample (item 29); the result multiplied by 100 and rounded to tenths.

- (4) **HAIL SCAR** determination. Refer to subsection 5E, above. The No. @ 100% (item 30), divided by Number in Sample (item 29); the result multiplied by 100 and rounded to tenths.
- b. "0.0" Percent damage for fresh fruit MARKETED as fresh fruit. (Production to be recorded on a separate line in PART IV.)
- c. Percent of damage for fresh fruit MARKETED as juice as determined from processor records (record production and damage on a separate line).
36. **Boxes Produced:** Number of Trees (item 26) times Boxes Per Tree (item 27), EXCEPT for FRESH-FRUIT CUT where any harvested production will be taken from marketing records. Encircle entry for uninsured causes of loss to exclude it from the Total for item 38.
37. **Boxes Lost:** % Damage (item 35) times Boxes Produced (item 36), divided by 100 and recorded to tenths (if result is "zero," make NO ENTRY). Make NO ENTRY for uninsured causes of loss.
38. **Total:** Separate column totals of all lines for Number of Trees (item 26), Boxes Produced (item 36), and Boxes lost (item 37). Item 37 entry must not exceed the item 36 entry. DO NOT INCLUDE encircled (duplicate) entries.

PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS

Complete this part only for juice fruit.

39. **Plot No.:** Grove or sub-grove identification number applicable to the area for which production is being reported.
40. **Wgt. Bxs. Harvested:** Number of (appropriate-weight) weight boxes of marketable and harvested juice fruit for the grove/sub-grove. Include marketable fruit that cannot be picked in a timely manner and marketable fruit remaining after the end of the insurance period. A representative sample of remaining marketable fruit must be taken to a processor to establish the juice content.
- Leave this item blank if juice fruit is to remain unharvested (not weighed) production. In item 49, enter an estimate of the number of boxes of fruit produced, calculated by multiplying Part II, number of trees (item 26) by the estimated number of boxes per tree (item 27). Use test house analysis to calculate percent of damage (item 48) and, ultimately, boxes lost (item 50).
41. **Date Harvested:** The final harvest date for the grove/sub-grove, in MM/DD/YYYY format. If unharvested, enter applicable date for the end of the insurance period.
42. **Processing Plant (Name):** Processing plant that received the fruit. If fruit was not harvested, enter the name of the processing plant which established the juice content.

43. **Avg. Lbs. Jce/Bx (After):** Average pounds of juice per appropriate weight box, remaining after freeze damage. Determine the production-record average juice pounds using a **WEIGHTED AVERAGE** if the record is based on ten loads or less for the unit or a **SIMPLE AVERAGE** if the record is based on more than ten loads for the unit.

- a. Use the appropriate fruit-type Juice Chart (refer to Section 11, Reference Material - **TABLES C – G, below**) for the specific entries for Juice Base, Lbs./Box (item 44), Official Weight Lbs./Box (item 45), Post Factor (item 46), Pre Factor (item 47), and % Damage (item 48), EXCEPT when:
- (1) The actual average juice pounds per box from PRODUCTION RECORDS EXCEEDS the established juice base for the fruit type. In this case, enter the number of weight boxes harvested in the columns Weight Boxes Harvested (item 40) AND in Boxes Produced (item 49). Leave blank the columns for Juice Base, Lbs./Box (item 44), Official Weight, Lbs./Box (item 45), Post Factor (item 46), and Pre Factor (item 47).
 - (2) Prior-three-year production records have not been furnished for the **citrus** fruit type. In this case, use the default juice base value as specified in the Crop Provisions. Complete Juice Base, Lbs./Box (item 44, using the default value in this case), Official Wt., Lbs./Box (item 45), Post Factor (item 46), Pre Factor (item 47), and % Damage (item 48) as described below.
 - (3) Juice chart (refer to Section 11, Reference Material) values are NOT listed for the Official Wt., Lbs/Box (item 45) for the **citrus** fruit type AND:
 - (a) The juice base DOES NOT EXCEED the policy default juice base per box for the **citrus fruit** type. In this case, complete Juice Base, Lbs./Box (item 44), Official Wt., Lbs./Box (item 45), Post Factor (item 46), Pre Factor (item 47), and % Damage (item 48) as directed below.
 - (b) The actual juice base EXCEEDS the policy default juice base per box for the **citrus fruit** type. In this case, enter the number of weight boxes harvested in the columns Weight Boxes Harvested (item 40) AND Boxes Produced (item 49). Leave blank the columns for Juice Base, Lbs./Box (item 44), Official Weight, Lbs./Box (item 45), Post Factor (item 46), and Pre Factor (item 47).

Citrus Fruit Type	Default Juice Base per Box
Citrus I (0245)	52 pounds
Citrus II (0246)	54 pounds
Citrus III (0247)	45 pounds
Citrus VI (0250)	43 pounds

b. Establish Average Pounds Juice Per Box for juice fruit acreage (**Citrus** I, II, III, or VI) that will not be harvested. Samples must be taken to a test house for analysis. The test result, item 17 from the Submitted Sample Florida Citrus Fruit Test form, is used to complete Part III, Item 43, of the Adjuster’s Citrus Worksheet. Refer to subsection 7C, **above**, for Submitted Sample form entries and completion information.

- (1) Adjuster will hand select samples for test house analysis by a certified State inspector. Refer to Section 4, **above**, for sampling instructions. A test house

(generally co-located at a citrus fruit processor/buyer facility) is operated by a certified State inspector for the purpose of testing and grading citrus fruit.

- (2) A separate Submitted Sample Florida Citrus Fruit Test form must be prepared for each citrus fruit type, subtype, and unit of fruit (e.g., use a separate form for Citrus I subtypes (011) and I (012)). Identify the sample grove/sub-grove number in the space provided.
- (3) Each citrus sample must contain a minimum of 25 pounds of fruit.
- (4) The adjuster must give notice to the Citrus Administrator, Florida Department of Agriculture, Division of Fruits and Vegetables, Winter Haven, Florida, (telephone (863) 291-5820 ext. 264) at least 48 hours prior to submitting the sample to the test house.
- (5) There is a \$20.00 charge for each sample tested. Producers must submit checks payable to the Florida Department of Agriculture with the sample(s) to be tested. Put sample identification on each check to assure proper credit.

44. **Juice Base, Lbs/Bx:** Juice Base from appropriate fruit-type Juice chart, the default Juice Base from the crop provisions, or the average (item 23 of the Citrus Production Sheet) established from insured’s previous 3-year production records as described above (refer to Section 9, below).

45. **Off. Wgt. Lbs/Bx:** Weight, in whole pounds, of the official appropriate Citrus Weight-Box weight for the citrus fruit.

Citrus Fruit Type	Official Box Weight
Citrus I, II, and VI, except Limes	90 pounds
Citrus III	85 pounds
Citrus VI – Limes	88 pounds

46. **Post Factor:** Off. Wgt. Lbs./Bx (item 45), minus Avg. Lbs. Jce/Box (After) (item 43), to tenths.

47. **Pre Factor:** Off. Wgt. Lbs./Bx (item 45), minus Juice Base, Lbs./Bx (item 44), to tenths.

48. **% Damage:** Using chain calculation:

- a. Post Factor (item 46) minus Pre-(freeze) Factor (item 47);
- b. Post Factor (item 46) multiplied by Juice Base, Lbs./Box (item 44);
- c. Divide “a” by “b;”
- d. Multiply “c” by Off. Wgt, Lbs./Bx (item 45);
- e. Multiply “d” by 100;
- f. Round “e” to tenths.

49. **Boxes Produced:** Wgt. Bxs. Harvested (item 40) multiplied by Post Factor (item 46); divided by Pre Factor (item 47), rounded to tenths. (If the average pounds of juice exceeds the established juice base for the variety, enter the Wgt. Bxs. Harvested (item 40). Refer to

instructions following Avg. Lbs. Juice/Box (After) (item 43), above.) If juice fruit remains unharvested (not weighed), refer to item 40 to determine “Boxes Produced.”

50. **Boxes Lost:** Item 48 multiplied by item 49; divided by 100, result rounded to tenths. If the result is “zero,” make NO ENTRY.
51. **Total:** Separate column totals of all lines of Wgt. Bxs. Harvested (item 40), Boxes Produced (item 49), and Boxes Lost (item 50).

PART IV - TOTAL PRODUCTION AND PRODUCTION LOST

DO NOT COMPLETE PART IV UNTIL ALL POTENTIAL FOR THE CITRUS FRUIT TYPE/SUBTYPE IS ACCOUNTED FOR.

52. **(Part I, Columns 22 and 23) Fruit lost on ground and not harvested** (used for all ground fruit lost through insurable causes):
- Boxes Produced:** Sum, to tenths, of all non-encircled line entries in the column Boxes on Ground (item 22).
 - Boxes Lost:** Sum, to tenths, of all non-encircled line entries in the column Boxes Lost (item 23).
53. **(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze** (used for fruit remaining on trees):
- Boxes Produced:** Sum, to tenths, of all non-encircled line entries in column Boxes Produced (item 36).
 - Boxes Lost:** Sum, to tenths, of all non-encircled line entries in column Boxes Lost (item 37).
54. **(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze** (used only for juice):
- Boxes Produced:** Sum, to tenths, of all non-encircled line entries in column Boxes Produced (item 49).
 - Boxes Lost:** Sum, to tenths, of all non-encircled line entries in column Boxes Lost (item 50).
- Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection** (used for fresh or juice):
55. **Plot No.:** By line, grove/sub-grove number (from Special Report grove/sub-grove sketch) of any fruit which was harvested:
- Before damage occurred;
 - Within seven days after freeze; or
 - Prior to an inspection.
56. **Date Harvested:** By line, final date of harvest for the grove/sub-grove No. (item 55), in MM/DD/YYYY format.

57. **Buyer or Processor:** By line, name of buyer or processor receiving harvested fruit from the **grove/sub-grove number identified in** item 55.

Enter the Boxes Produced, to tenths, by line, corresponding to the Plot No. (item 55), Date Harvested (item 56), and Buyer or Processor (item 57).

58. **Box increase to meet minimum for the acreage:** When necessary, enter the number of boxes required to meet the minimum potential for the unit. Determine by:

- a. Multiplying the total Number of Acres (item 8) for the **citrus** fruit type by 100 boxes per acre;
- b. Subtract from (a), the sum of Boxes Produced from lines 52, 53, 54, and the section titled "Fruit harvested before damage occurred," within 7 days after freeze, or prior to an inspection" (comprised of columns 55, 56, and 57) from all Adjuster's Citrus Worksheets for the **citrus** fruit type.
- c. Record the difference, to tenths. If the minimum for the **citrus** fruit type has been met or exceeded, MAKE NO ENTRY. When separate Adjuster's Citrus Worksheets have been prepared because of differing **citrus** fruit types/subtypes within the unit, calculate and enter the Box Increase to meet the minimum for the acreage of the deficient **citrus** fruit type/subtype in item 58 OF THE LAST PAGE of the Appraisal Worksheets for the type/subtype.

59. **Reduced production due to uninsured causes:** **Total encircled entries in items 22 and 36 to determine Boxes Produced (to tenths) for production lost due to uninsurable causes.** Fruit lost through normal fruit drop is not considered lost due to an uninsurable cause. Document on **a Special Report**, the amount and cause of any loss from fruit-drop **or on-tree damaged due to failure to follow good farming practices.**

If more than one Adjuster's Citrus Worksheet is prepared for a **citrus** fruit type on a unit, complete items 52 through 57, item 59, and items 62 through 64 on each page. ON THE LAST PAGE, enter the total Boxes Produced and total Boxes Lost from ALL Adjuster's Citrus Worksheet pages FOR THE FRUIT TYPE in item 60 and complete item 61. Leave items 60 and 61 blank on the previous pages.

60. **TOTAL BOXES (Round to whole boxes):** Separate column totals of Boxes Produced and Boxes Lost **for** all lines 52 through 59.

61. **Percent of Loss (Total Boxes Lost ÷ Total Boxes Produced X 100):**

- a. Total Boxes (item 60), **Boxes Lost**, divided by Total Boxes (item 60), **Boxes Produced** entries.
- b. Multiply "a" times 100 and round result, to tenths. **Transfer the entry to the Production Worksheet (refer to Section I, Item L and the "Narrative" of the Production Worksheet for additional instructions).**

The following required entries are not illustrated on the appraisal worksheet example below.

62. **Adjuster's Signature(s), Code No., & Date(s):** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the Production Worksheet.
63. **Insured's Signature & Date:** Insured's (or insured's authorized representative's) signature and date. BEFORE obtaining the signature, REVIEW ALL ENTRIES on the Appraisal Worksheet WITH THE INSURED, (or insured's authorized representative) particularly explaining codes, etc., which may not be readily understood. Multiple fruit inspections (as denoted by multiple entries in items 12, 13, and 14) will require corresponding multiple signatures in items 62 and 63.
64. **Page Numbers:**
- PRELIMINARY:** Page numbers – “1,” “2,” etc., at the time of inspection.
- FINAL:** Page numbers - (Example: Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

EXAMPLE 1

For Illustration Purposes Only ADJUSTER'S CITRUS WORKSHEET													
1. Company ANY COMPANY			2. Policy Number XXXXXXX		3. Claim Number XXXXXXXX		4. Unit No. 00100		5. Type & Kind of Fruit CITRUS I (011)		6. Crop Year YYYY		
7. Name of Insured I. M. INSURED			8. Acres 33.3		9. No. of Trees 2830		10. No. of Trees Harvested 0		11. Cause(s) of Loss FREEZE (42)		Date(s) MM/DD/YYYY		
12. Inspection Types (Check Applicable Term)			Ground Count Only		13. Date(s)			14. Inspection Number					
		✖	Preliminary		MM/DD/YYYY			-1					
		X	Final		MM/DD/YYYY			2					
PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO													
Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss			Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100			
15	16	17	18	1.9	20			21	22	23			
1	(2830)	200	94	0.3	CHEMICAL DAMAGE			100	(849.0)				
1	2830	200	376	1.9	FREEZE (42)			100	5377.0	5377.0			
24. TOTAL	2830								5377.0	5377.0			
PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)													
Plot No.	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage					Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100		
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4			%Damage (30+32+34) ÷ 29x100	
25	26	27	28	29	30	31	32	33	34	35	36	37	
1	2830	6.0	FREEZE (42)	No unharvested fruit on trees									
38. TOTAL	2830												
PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS													
Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47)x45x 100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100		
39	40	41	42	43	44	45	46	47	48	49	50		
1	9822	MM/DD/YYYY	B&W Canning	37.2	44.0	90	52.8	46.0	26.3	11273.9	2965.0		
1	3625	MM/DD/YYYY	Coca Cola	35.9	44.0	90	54.1	46.0	30.6	4263.3	1304.6		
51. TOTAL	13447									15537.2	4269.6		
PART IV - TOTAL PRODUCTION AND PRODUCTION LOST													
52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested								Boxes Produced	Boxes Lost			
									5377.0	5377.0			
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze												
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze								15537.2	4269.6			
55 Plot No.	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection												
	56. Date Harvested			57. Buyer or Processor									
58	Box increase to meet minimum for the acreage												
59	Reduced production due to uninsured causes								849.0				
60	TOTAL BOXES (Round to whole boxes)								21763	9647			
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]								44.3				

EXAMPLE 2

For Illustration Purposes Only ADJUSTER'S CITRUS WORKSHEET												
1. Company <p style="text-align: center;">ANY COMPANY</p>			2. Policy Number <p style="text-align: center;">XXXXXXX</p>		3. Claim Number <p style="text-align: center;">XXXXXXXX</p>		4. Unit No. <p style="text-align: center;">00300</p>		5. Type & Kind of Fruit <p style="text-align: center;">CITRUS IV (045)</p>		6. Crop Year <p style="text-align: center;">YYYY</p>	
7. Name of Insured <p style="text-align: center;">I. M. INSURED</p>			8. Acres <p style="text-align: center;">25.5</p>		9. No. of Trees <p style="text-align: center;">2448</p>		10. No. of Trees Harvested <p style="text-align: center;">0</p>		11. Cause(s) of Loss <p style="text-align: center;">HAIL (21)</p>		Date(s) <p style="text-align: center;">MM/DD/YYYY</p>	
12. Inspection Types (Check Applicable Term)			Ground Count Only		13. Date(s) <p style="text-align: center;">MM/DD/YYYY</p> <p style="text-align: center;">MM/DD/YYYY</p>			14. Inspection Number <p style="text-align: center;">1</p> <p style="text-align: center;">2</p>				
		<input checked="" type="checkbox"/>	Preliminary									
	<input checked="" type="checkbox"/>	Final										
PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO												
Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss			Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100		
15	16	17	18	19	20			21	22	23		
1	2448	250	19	0.1	HAIL (021)			100	244.8	244.8		
24. TOTAL	2448								244.8	244.88		
PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)												
Plot No.	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage						Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4	%Damage (30+32+34) ÷ 29x100		
25	26	27	28	29	30	31	32	33	34	35	36	37
1	2448	2.8	HAIL (021)	150	31	Market records used; Acme Processor MM/DD/YYYY				20.7	6854.4	1418.9
38. TOTAL	2448										6854.4	1418.9
PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS												
Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47) x 45 x 100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100	
39	40	41	42	43	44	45	46	47	48	49	50	
51. TOTAL												
PART IV - TOTAL PRODUCTION AND PRODUCTION LOST												
52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested								Boxes Produced	Boxes Lost		
									244.8	244.8		
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze								6854.4	1418.9		
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze											
55	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection											
	Plot No.	56. Date Harvested			57. Buyer or Processor							
58	Box increase to meet minimum for the acreage											
59	Reduced production due to uninsured causes											
60	TOTAL BOXES (Round to whole boxes)								7099	1664		
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]								23.4			

EXAMPLE 3

**For Illustration Purposes Only
ADJUSTER'S CITRUS WORKSHEET**

1. Company ANY COMPANY		2. Policy Number XXXXXXX	3. Claim Number XXXXXXXX	4. Unit No. 00400	5. Type & Kind of Fruit CITRUS V (052)	6. Crop Year YYYY
7. Name of Insured I. M. INSURED		8. Acres 12.0	9. No. of Trees 1000	10. No. of Trees Harvested 0	11. Cause(s) of Loss TORNADO (64)	Date(s) MM/DD/YYYY
12. Inspection Types (Check Applicable Term)	<input type="checkbox"/>	Ground Count Only		13. Date(s) MM/DD/YYYY MM/DD/YYYY	14. Inspection Number 1 2	
	<input checked="" type="checkbox"/>	Preliminary				
	<input checked="" type="checkbox"/>	Final				

PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO

Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss	Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100
15	16	17	18	19	20	21	22	23
1	(1000)	300	416	1.4	TORNADO (64)	100	See next line for post-harvest ground count	
1	1000	300	127	0.4	TORNADO (64)	100	400.0	400.0
24. TOTAL	1000						400.0	400.0

PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)

Plot No.	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage					Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100		
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4			%Damage (30+32+34) ÷ 29x100	
25	26	27	28	29	30	31	32	33	34	35			
1	1000	0.9	TORNADO (64)	To Record Harvested Production								900.0	
38. TOTAL	1000										900.0		

PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS

Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47)x45x 100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100
39	40	41	42	43	44	45	46	47	48	49	50
51. TOTAL											

PART IV - TOTAL PRODUCTION AND PRODUCTION LOST

		Boxes Produced	Boxes Lost
52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested	400.0	400.0
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze	900.0	
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze		
55	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection		
	Plot No.	56. Date Harvested	57. Buyer or Processor
58	Box increase to meet minimum for the acreage		
59	Reduced production due to uninsured causes		
60	TOTAL BOXES (Round to whole boxes)	1300	400
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]		30.8

EXAMPLE 4

**For Illustration Purposes Only
ADJUSTER'S CITRUS WORKSHEET**

1. Company ANY COMPANY		2. Policy Number XXXXXXX	3. Claim Number XXXXXXXX	4. Unit No. 00300	5. Type & Kind of Fruit CITRUS IV (046)	6. Crop Year YYYY
7. Name of Insured I. M. INSURED		8. Acres 80.7	9. No. of Trees 4912	10. No. of Trees Harvested 0	11. Cause(s) of Loss FREEZE (42)	Date(s) MM/DD/YYYY
12. Inspection Types (Check Applicable Term)	<input type="checkbox"/>	Ground Count Only	13. Date(s) MM/DD/YYYY MM/DD/YYYY		14. Inspection Number -1 2	
	<input checked="" type="checkbox"/>	Preliminary				
	<input checked="" type="checkbox"/>	Final				

PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO

Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss	Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100
15	16	17	18	19	20	21	22	23
1	(4912)	200	25	0.1	FREEZE (42)	100	See next line for post-harvest ground count.	
1	4912	200	54	0.3	FREEZE (42)	100	1473.6	1473.6
24. TOTAL	4912						1473.6	1473.6

PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)

Plot No.	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage					Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100	
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4			%Damage (30+32+34) ÷ 29x100
25	26	27	28	29	30	31	32	33	34	35		
1	(4912)	4.0	FREEZE (42)	200	114							
1	4912	3.8	FREEZE (42)	200	120	22	15.4	5	2.0	68.7	18665.6	12823.3
38. TOTAL	4912										18665.6	12823.3

PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS

Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47)x45x 100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100
39	40	41	42	43	44	45	46	47	48	49	50
51. TOTAL											

PART IV - TOTAL PRODUCTION AND PRODUCTION LOST

		Boxes Produced	Boxes Lost
52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested	1473.6	1473.6
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze	18665.6	12823.3
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze		
55	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection		
	Plot No.	56. Date Harvested	57. Buyer or Processor
58	Box increase to meet minimum for the acreage		
59	Reduced production due to uninsured causes		
60	TOTAL BOXES (Round to whole boxes)	20139	14297
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]		71.0

EXAMPLE 5

**For Illustration Purposes Only
ADJUSTER'S CITRUS WORKSHEET**

1. Company ANY COMPANY		2. Policy Number XXXXXXX	3. Claim Number XXXXXXXXX	4. Unit No. 00400	5. Type & Kind of Fruit CITRUS V (052)	6. Crop Year YYYY
7. Name of Insured I. M. INSURED		8. Acres 10.0	9. No. of Trees 700	10. No. of Trees Harvested 0	11. Cause(s) of Loss FREEZE (42)	Date(s) MM/DD/YYYY
12. Inspection Types (Check Applicable Term)	<input type="checkbox"/>	Ground Count Only	13. Date(s) MM/DD/YYYY		14. Inspection Number 2	
	<input checked="" type="checkbox"/>	Preliminary				
	<input checked="" type="checkbox"/>	Final				

PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO

Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss	Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100
15	16	17	18	19	20	21	22	23
1	(700)	250	41	0.2	HAIL (021)	100	140.0	140.0
1	700	250	57	0.2	FREEZE (42)	100	140.0	140.0
24. TOTAL	700						280.0	280.0

PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)

Plot No.	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage						Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4	%Damage (30+32+34) ÷ 29x100		
25	26	27	28	29	30	31	32	33	34	35	36	37
1	700	4.5	HAIL (021)	200	37					18.5	(3150.0)	582.8
		4.5	FREEZE (42)	100	19	Market Records Used: Kraft MM/DD/YYYY				50.0	3150.0	1575.0
38. TOTAL	2448										3150.0	2157.8

PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS

Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47)x45x 100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100
39	40	41	42	43	44	45	46	47	48	49	50
51. TOTAL											

PART IV - TOTAL PRODUCTION AND PRODUCTION LOST

52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested	Boxes Produced 280.0	Boxes Lost 280.0
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze	3150.0	2157.8
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze		
55	Plot No.	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection	
		56. Date Harvested	57. Buyer or Processor
58	Box increase to meet minimum for the acreage		
59	Reduced production due to uninsured causes		
60	TOTAL BOXES (Round to whole boxes)	3430	2438
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]		71.1

EXAMPLE 6

**For Illustration Purposes Only
ADJUSTER'S CITRUS WORKSHEET**

1. Company ANY COMPANY		2. Policy Number XXXXXXX	3. Claim Number XXXXXXXX	4. Unit No. 00100	5. Type & Kind of Fruit CITRUS V (051)	6. Crop Year YYYY
7. Name of Insured I. M. INSURED		8. Acres 52.0	9. No. of Trees 3840	10. No. of Trees Harvested 1230	11. Cause(s) of Loss FREEZE (42)	Date(s) MM/DD/YYYY
12. Inspection Types (Circle one)	<input type="checkbox"/>	Ground Count Only	13. Date(s) MM/DD/YYYY		14. Inspection Number ± 2	
	<input checked="" type="checkbox"/>	Preliminary				
	<input checked="" type="checkbox"/>	Final				

PART I - FRUIT LOST ON GROUND FROM FREEZE, HAIL, HURRICANE OR TORNADO

Plot No.	Number of Trees	Fruit Size Per Box	Grnd. Fruit Per Tree	Boxes Lost Per Tree 18 ÷ 17	Cause of Loss	Applicable Percent	Boxes on Ground 16 x 19	Boxes Lost (21 x 22) ÷ 100
15	16	17	18	19	20	21	22	23
1	(2610)	300	38		FREEZE (42)	100		See Line 3 For Post-Harvest Ground Count
2	1230	Harvested Prior to Inspection						
1	2610	300	57	0.2	FREEZE (42)	100	522.0	522.0
24. TOTAL	3840						522.0	522.0

PART II - FRUIT ON TREE, PRODUCTION AND LOSS (HAIL AND FREEZE CUT METHODS)

Plot	Number of Trees	Boxes Per Tree (Est.)	Cause of Loss	Number in Sample	Number of Damaged Fruit by Percent of Damage						Boxes Produced 26 x 27	Boxes Lost (35 x 36) ÷ 100
					No. @ 100%	No. @ 70%	Col. 31 x .7	No. @ 40%	Col. 33 x .4	%Damage (30+32+34) ÷ 29x100		
25	26	27	28	29	30	31	32	33	34	35	36	37
1	2610	2.7	FREEZE (42)	200	47					50.0	7047.0	3523.5
2	1230	(Harvested Prior to Freeze (MM/DD); Buyer: Haines City CGA)						0.0				
38. TOTAL	3840										7047.0	3523.5

PART III - FRUIT PRODUCTION AND LOSS BASED ON DATA FROM TEST HOUSE ANALYSIS

Plot No.	Wgt. Bxs. Harvested	Date Harvested	Processing Plant (Name)	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Factor 45 - 43	Pre Factor 45 - 44	%Damage (46-47)x45x100 (46x44)	Boxes Produced (40x46) ÷ 47	Boxes Lost (48x49) ÷ 100
39	40	41	42	43	44	45	46	47	48	49	50
51. TOTAL											

PART IV - TOTAL PRODUCTION AND PRODUCTION LOST

		Boxes Produced	Boxes Lost
52	(Part I, Columns 22 and 23) Fruit lost on ground and not harvested	522.0	522.0
53	(Part II, Columns 36 and 37) Unharvested fruit production and loss due to hail and freeze	7047.0	3523.5
54	(Part III, Columns 49 and 50) Harvested fruit production and loss due to freeze		
55	Fruit harvested before damage occurred, within 7 days after freeze, or prior to an inspection		
	56. Date Harvested	57. Buyer or Processor	
	2	MM/DD/YYYY	Haines City CGA
58	Box increase to meet minimum for the acreage		
59	Reduced production due to uninsured causes		
60	TOTAL BOXES (Round to whole boxes)	10767	4046
61	Percent of Loss [(Total Boxes Lost ÷ Total Boxes Produced) x 100]		37.6

D. GENERAL INFORMATION FOR SUBMITTED SAMPLE - FLORIDA CITRUS JUICE TEST

- (1) The entry items in subsection 7E are the requirements for the Submitted Sample – Florida Citrus Juice Test inspection certificate. All entry items are “Substantive” (i.e., they are required).
- (2) Submitted Sample inspection certificate instructions. The completion instructions for the required entry items on the inspection certificate in the following subsection are “Substantive” (i.e., they are required).
- (3) The body (exclusive of the heading and footer) of the following inspection certificate example **SHALL NOT BE ALTERED WITHOUT THE PRIOR WRITTEN APPROVAL OF RMA AND THE FLORIDA DEPARTMENT OF AGRICULTURE.**

E. SUBMITTED SAMPLE - FLORIDA CITRUS JUICE TEST ENTRIES AND COMPLETION PROCEDURES

The adjuster completes entries in items 1 through 14. Items 15 through 23 will be completed by the State Inspector.

Item

- | <u>No.</u> | <u>Information Required</u> |
|-------------------|---|
| 1. | Name of Insured: Name that EXACTLY identifies the person (legal entity) to whom the policy is issued. |
| 2. | Policy Number: Insured’s assigned policy number. If a Claim Number is required, enter it on this same line, preceded by a slash (/), after the policy number. |
| 3. | Crop Year: Four digit crop year, as defined in the policy, for which the claim has been filed. |
| 4. | Unit Number: Five digit unit number from the Summary of Coverage after it is verified to be correct (e.g., 00100). |
| 5. | County: County where unit is located as identified on Summary of Coverage. |
| 6. | Date Sample Collected: Date, MM/DD/YYYY, on which the sample was collected. |
| 7. | Type and Kind of Fruit: Citrus fruit type and subtype as listed on the actuarial documents [e.g., Citrus I (011)]. |
| 8. | Processing Plant (Name & Location): Name and address of test house/processing plant where sample is to be analyzed. |
| 9. | Adjuster’s Signature: Signature of loss adjuster submitting the sample. |
| 10. | Submission Date: The date, MM/DD/YYYY, the sample was submitted for analysis. |

11. **Adjuster's Address:** Loss adjuster's mailing address, including zip code.
12. **Adjuster's Telephone Number:** The loss adjuster's telephone number, including area code.
13. **Plot Number:** Grove or sub-grove number.
14. **Page ____ of ____:** Page number within a series of page numbers for multiple samples within a unit.
15. **Sample Weight:** The submitted-sample weight in pounds to hundredths.
16. **Juice Weight:** Pounds, to hundredths, of juice extracted from the sample.
17. **Juice Per Box:** Average pounds of juice per appropriate weight box, rounded to hundredths, as determined from the submitted sample. (The adjuster enters this value, to tenths, in item 43 of the Adjuster's Citrus Worksheet.)
18. **Acid:** Determination from the citrus juice test analysis of the sample.
19. **Brix/Solids:** Determination from the citrus juice test analysis of the sample.
20. **Ratio:** Determination from the citrus juice test analysis of the sample.
21. **LBS. Solids Per Box:** Determination from the citrus juice test analysis of the sample in pounds to four decimal places.
22. **State Inspector's Signature:** Signature of certified State inspector running the sample.
23. **Date:** Date, MM/DD/YYYY, the submitted sample was tested.

FOR ILLUSTRATION PURPOSES ONLY

SUBMITTED SAMPLE

FLORIDA CITRUS JUICE TEST

TO BE COMPLETED BY LOSS ADJUSTER

1. Name of Insured: I. M. Insured 2. Policy Number: XXXXXXXX/XXXXXX
3. Crop Year: YYYY 4. Unit Number: 00100
5. County: Any 6. Date Sample Collected: MM/DD/YYYY
7. Type and Kind of Fruit: Citrus I (011)
8. Processing Plant: B & W Canning, Any City, Any State
9. Adjuster's Signature: I. M. Adjuster 10. Submission Date: MM/DD/YYYY
11. Adjuster's Address: Any City, Any State XXXXX
12. Adjuster's Phone Number: (XXX) XXX-XXXX
13. Plot Number: 3-B 14. Page 1 of 1

Attach \$20.00 per sample fee, payable to Florida Department of Agriculture

TO BE COMPLETED BY STATE INSPECTOR

15. Sample Weight: 25.00 16. Juice Weight: 12.50
17. Juice Per Box: 45.00 18. Acid: 1.00
19. Brix/Solids: 13.50 20. Ratio: 13.50
21. LBS. Solids Per Box: 6.0750

This is to certify results of above hand selected submitter sample.
Juice content is not certified in accordance with DOC Rule Chapter 20-61.003(2).

- I. M. Inspector MM/DD/YYYY
22. State Inspector Signature 23. Date

State Inspector Instructions:

Mark paid, transmit completed copy to loss adjuster, and mail original form, with payment, to Winter Haven office.

8. **TABULATION OF PRODUCTION RECORDS FROM INDIVIDUAL LOAD CERTIFICATES WORKSHEET**

A. **TABULATION OF PRODUCTION RECORD STANDARDS**

- (1) The entry items in subsection 8C are the minimum requirements for the Tabulation of Production Records From Individual Load Certificates worksheet. All entry items are “Substantive” (i.e., they are required).
- (2) Tabulation of Production Records From Individual Load Certificates worksheet completion instructions. The completion instructions for the required entry items on the worksheet in the following subsection are “Substantive” (i.e., they are required).
- (3) The Privacy Act and Nondiscrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown on the example form in this section. The current Privacy Act and Nondiscrimination statements can be found in the DSSH, FCIC-24040.
- (4) Refer to the DSSH for other crop insurance form requirements (e.g., font point size, etc.).

B. **GENERAL INFORMATION FOR ENTRIES AND COMPLETION PROCEDURES**

Juice fruit sent to a processor is to be reported for record purposes. USE THE FOLLOWING STANDARDS IF PRODUCTION AVERAGES (for Citrus I, II, III, or VI) HAVE NOT BEEN CALCULATED. If averages have been supplied, prepare a report as directed below.

- (1) Use the Tabulation of Production Records From Individual Load Certificates Worksheet or a Special Report to document the following required information when:
 - (a) Individual worksheets are not summarized by the processing plant(s); or
 - (b) One or more processing plant(s) received fruit for any crop year.
- (2) A separate worksheet or Special Report must be prepared for each fruit type within the unit.

C. **TABULATION OF PRODUCTION RECORD ENTRIES AND COMPLETION PROCEDURES**

Verify or make the following entries:

Item

No. Information Required

Company Name: Name of AIP servicing the contract.

1. **Insured’s Name:** Name of insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
2. **Policy No.:** Insured’s assigned policy number.

3. **Claim No.:** The claim number as assigned by the AIP.
4. **Unit No.:** Five-digit unit number from the Summary of Coverage after it is verified to be correct (e.g., 00100).
5. **Type & Variety:** Citrus fruit type (or crop) and subtype of fruit inspected (e.g., Citrus I (011)).
6. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim has been filed.
7. **Applicable Pounds Per Box:** Check the appropriate box indicating the standard fruit weight per box applicable to this report.

Enter the following information on a line basis:

8. **Date of Load Certificate:** Date, MM/DD/YYYY, as recorded on the load certificate by the processor.
9. **Number of Boxes At Processor:** Number of fruit weight-boxes (determined on basis of item 7, Applicable Pounds Per Box) received for the Date of Load (item 8), as recorded on the load certificate.
10. **Average Lbs. Juice Per Box:** Average pounds, to tenths, juice per box from the load certificate.
11. **Processing Plant:** Name and address of processing plant receiving the fruit for juice.
12. **Totals:**
 - a. Total of Number of Boxes column (item 9), to whole boxes.
 - b. Total of Average Lbs. of Juice per Box column (item 10), to tenths.

Enter each total in the appropriate column ON THE LAST PAGE of the Tabulation of Production Records From Individual Load Certificates form for the fruit type.

The following required entries are not illustrated on the appraisal worksheet example below.

13. **Adjuster's Signature, Code No., and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the Production Worksheet.
14. **Insured's Signature and Date:** Insured's (or insured's authorized representative's signature) and date. BEFORE obtaining the signature, REVIEW ALL ENTRIES on the Appraisal Worksheet WITH THE INSURED, (or the insured's authorized representative) particularly explaining codes, etc., which may not be readily understood.
15. **Page No.:** Page numbers - (Example: Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

9. FLORIDA CITRUS JUICE PRODUCTION SUMMARY

A. FLORIDA CITRUS JUICE PRODUCTION SUMMARY STANDARDS

- (1) The entry items in subsection 9B are the minimum requirements for the Florida Citrus Juice Production Summary. All entry items are “Substantive” (i.e., they are required).
- (2) Florida Citrus Juice Production Summary completion instructions. The completion instructions for the required entry items on the summary in the following subsection are “Substantive” (i.e., they are required).
- (3) The Privacy Act and Nondiscrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown on the example form in this section. The current Privacy Act and Nondiscrimination statements can be found in the DSSH.
- (4) Refer to the DSSH for other crop insurance form requirements (e.g., font point size, etc.).

B. GENERAL INFORMATION

Use this procedure to document juice production information from the insured when:

- (1) Juice fruit (Citrus I, II, III, or VI) has been sent to a processor and that processor has established an average juice content.
- (2) Current records of juice production will NOT be supplied. Juice content will be based on acceptable prior-three years’ production records from acreage that was or would have been insurable. If acceptable prior-three years’ juice per box production records are not supplied, the default juice weight per box as listed in the policy must be used.
- (3) Load certificates have been supplied for which the processor has not established averages.
- (4) Use separate summaries for each citrus fruit type and subtype on a unit or a Special Report containing the required information.

C. FLORIDA CITRUS JUICE PRODUCTION SUMMARY ENTRIES AND COMPLETION PROCEDURES

Verify or make the following entries:

Item

No. **Information Required**

1. **Company Name:** Name of AIP servicing the contract.
2. **Policy No.:** Insured’s assigned policy number.
3. **Claim No.:** The claim number as assigned by the AIP.

4. **Unit No.:** Five-digit unit number from the Summary of Coverage after it has been verified to be correct (e.g., 00100).
5. **Acreage:** Determined acres, to tenths, applicable to this report.
6. **Type and Variety:** Citrus fruit type (or crop) and subtype as listed in the county actuarial table, (e.g., Citrus I (011)).
7. **Legal Description or Other Identification:** Identification of the unit location for which records are being supplied, through use of a grove/sub-grove map number, a legal description, location from physical landmarks, etc.
8. **Insured's Name and Address:** Insured's name and mailing address for mailed request for production records.

PART I:

Enter the Part I information only if it is available for the crop year of the loss.

9. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim has been filed.
10. **No. of Boxes Rec'd at Plant:** Number of standard weight-boxes of fruit received at the processing plant. Standard weight boxes are:

Citrus Fruit Type	Official Box Weight
Citrus I, II, and VI, except Limes	90 pounds
Citrus III	85 pounds
Citrus VI – Limes	88 pounds

11. **Average Lbs. Juice:** Weighted average pounds of juice, rounded to tenths, recovered per standard weight-box, for all fruit harvested and delivered to the processing plant.
12. **Processor Name:** Name and address (e.g., city, state) of processor which received the fruit.
13. **Harvesting Dates - Beginning:** Month and day when harvesting began on the unit.
14. **Harvesting Dates - Ending:** Month and day when harvesting was completed on the unit.

Make entries in (item 15) and (item 16) ONLY when Average Lbs. Juice (item 11) is NOT available.

15. **Average Lbs. Solids:** Weighted average pounds, rounded to tenths, of solids per weight-box for all fruit harvested and delivered to the processing plant.
16. **Average Percent Soluble Solids (BRIX):** Weighted average percent, rounded to hundredths, soluble solids (Degree Brix) for all fruit processed from the unit.

PART II:

Enter the following information for the **three previous crop years' production records** (from insurable acreage) to establish juice base content ONLY if current year's records are unavailable (Part I).

17. **Crop Years:** Four-digit crop year identifying each of the Three Crop Years prior to the crop year of loss.
18. **No. of Boxes Rec'd at Plant:** Standard weight-boxes harvested and delivered to the processing plant for each of the three prior crop years.
19. **Average Lbs. Juice:** Weighted-average pounds of juice, rounded to tenths, recovered per standard weight-box, for all fruit harvested and delivered to the processing plant for each of three prior crop years.
20. **Processor Name:** Name and location (e.g., city, state) of processor who received the fruit for each of three prior crop years.
21. **Harvesting Dates - Beginning:** Month and day when harvesting began on the unit for each of three prior crop years.
22. **Harvesting Dates - Ending:** Month and day when harvesting was completed on the unit for each of three prior crop years.

Make an entry in columns 23 and 24 ONLY when Average Lbs. Juice (column 19) is unavailable for a crop year.

23. **Average Lbs. Solids:** Weighted-average pounds, rounded to tenths, of solids per weight-box for all fruit harvested and delivered to the processing plant, for each crop year for which Average Lbs. Juice (column 19) is unavailable.
24. **Average Percent Soluble Solids (BRIX):** Weighted-average percent, rounded to hundredths, soluble solids (Degree Brix) for all fruit processed from the unit for each crop year for which Average Lbs. Juice (column 19) is unavailable.
25. **Average:** Average of Average Lbs. Juice, rounded to tenths, (column 19) for the three crop years prior to the crop year of loss. If production records are incomplete or otherwise unacceptable, the default juice base value listed in the crop provisions must be used.

The following required entries are not illustrated on the appraisal worksheet example below.

26. **Adjuster's Signature(s), Code No., & Date(s):** Signature of adjuster, code number, and date signed after the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the Production Worksheet.

27. Insured's Signature(s) & Date(s): Insured's (or insured's authorized representative's signature) and date. BEFORE obtaining the signature, REVIEW ALL ENTRIES on the Appraisal Worksheet WITH THE INSURED (or insured's authorized representative), particularly explaining codes, etc., which may not be readily understood.

28. Page No.: Page numbers - (Example: Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

(FOR ILLUSTRATION PURPOSES ONLY) FLORIDA CITRUS JUICE PRODUCTION SUMMARY				1. COMPANY NAME		2. POLICY NO.	
				Any Company		XXXXXXXX	
				3. CLAIM NO.		4. UNIT NO.	
XXXXX		00100		4.0			
6. TYPE AND VARIETY				7. LEGAL DESCRIPTION OR OTHER IDENTIFICATION			
Citrus II (024)				Plot 12A, Section 6			
8. INSURED'S NAME AND ADDRESS							
I. M. Insured P.O. Box XX Any Town, Any State XXXXX							
PART I							
Record production for the year of loss						Complete only if average lbs. juice per box is not available (Col. 11)	
9. CROP YEAR	10. NO. OF BOXES REC'D AT PLANT	11. AVERAGE LBS JUICE	12. PROCESSOR NAME/CITY/STATE	HARVESTING DATES		15. AVERAGE LBS.SOLIDS	16. AVERAGE PERCENT SOLUBLE SOLIDS (BRIX)
				13. BEGINNING	14. ENDING		
YYYY	815	37.7	Golden Gem Anytown, FL	Jan 1	Feb 15		
PART II							
Use this part to establish juice content base from the three previous crop year production records						Complete only if average lbs. juice per box is not available (Col. 19)	
17. CROP YEARS	18. NO. OF BOXES REC'D AT PLANT	19. AVERAGE LBS JUICE	20. PROCESSOR NAME/CITY/STATE	HARVESTING DATES		23. AVERAGE LBS.SOLIDS	24. AVERAGE PERCENT SOLUBLE SOLIDS (BRIX)
				21. BEGINNING	22. ENDING		
25. Average							

(FOR ILLUSTRATION PURPOSES ONLY) FLORIDA CITRUS JUICE PRODUCTION SUMMARY			1. COMPANY NAME			2. POLICY NO.			
			Any Company			XXXXXXX			
			3. CLAIM NO.		4. UNIT NO.	5. ACRES			
XXXXX		00100	4.0						
6. TYPE AND VARIETY				7. LEGAL DESCRIPTION OR OTHER IDENTIFICATION					
Citrus II (024)				Plot 12A, Section 6					
8. INSURED'S NAME AND ADDRESS									
I. M. Insured P.O. Box XX Any Town, Any State XXXXX									
PART I									
Record production for the year of loss						Complete only if average lbs. juice per box is not available (Col. 11)			
9. CROP YEAR	10. NO. OF BOXES REC'D AT PLANT	11. AVERAGE LBS JUICE	12. PROCESSOR NAME/CITY/STATE	HARVESTING DATES		15. AVERAGE LBS.SOLIDS	16. AVERAGE PERCENT SOLUBLE SOLIDS (BRIX)		
				13. BEGINNING	14. ENDING				
PART II									
Use this part to establish juice content base from the three previous crop year production records						Complete only if average lbs. juice per box is not available (Col. 19)			
17. CROP YEARS	18. NO. OF BOXES REC'D AT PLANT	19. AVERAGE LBS JUICE	20. PROCESSOR NAME/CITY/STATE	HARVESTING DATES		23. AVERAGE LBS.SOLIDS	24. AVERAGE PERCENT SOLUBLE SOLIDS (BRIX)		
				21. BEGINNING	22. ENDING				
YYYY	1090	48.9	Golden Gem Anytown, FL	Dec 15	Feb 1				
YYYY	955	47.4	Golden Gem Anytown, FL	Jan 30	Feb 20				
YYYY	880	46.9	Golden Gem Anytown, FL	Jan 10	Feb 18				
25. Average		47.7							

10. CLAIM FORM ENTRIES AND COMPLETION PROCEDURES

A. CLAIM FORM STANDARDS

- (1) The entry items in subsection 10 C are the minimum Claim Form (hereafter referred to as “Production Worksheet”) requirements. All of these entry items are considered “Substantive,” (i.e., they are required.)
- (2) Production Worksheet Completion Instructions. The completion instructions for the required entry items on the Production Worksheet in the following subsections are “Substantive,” (i.e., they are required.)
- (3) The Privacy Act and Nondiscrimination statements are required statements that must be printed on the form or provided as a separate document. These statements are not shown in the example form in this exhibit. The current Privacy Act and Nondiscrimination statements can be found in the DSSH.
- (4) The certification statement required by the current DSSH must be included on the form directly above the insured’s signature block and immediately followed by the statement below:

“I understand the certified information on this Production Worksheet will be used to determine my loss, if any, to the above unit. The insurance provider may audit and approve this information and supporting documentation. The Federal Crop Insurance Corporation, an agency of the United States, subsidizes and reinsures this crop insurance.”
- (5) Refer to the DSSH for other crop insurance form requirements (e.g., point size of font, etc.).

B. GENERAL INFORMATION FOR ENTRY AND COMPLETION PROCEDURES

- (1) The claim form (hereafter referred to as “Production Worksheet”) is a progressive form containing all notices of damage for all preliminary (including ground count) and final inspections on a unit.
- (2) If a Production Worksheet has been prepared on a prior inspection, verify each entry and enter additional information as needed. If a change or correction is necessary, strike out all entries on the line and re-enter correct entries on a new line. The adjuster and insured should initial any line deletions.
- (3) Refer to the LAM for instructions regarding the following:
 - (a) Acreage report errors.
 - (b) Delayed notices and delayed claims.

- (c) Corrected claims or fire losses (double coverage), and cases involving concealment, misrepresentation, or litigation.
- (d) No Indemnity Due claims must be verified by an APPRAISAL.
- (4) The adjuster is responsible for determining if the insured has complied with all of their requirements under the notice and claim provisions of the policy. If any have not, the adjuster should contact the **AIP**.
- (5) Instructions designated “**PRELIMINARY**” apply to preliminary and ground count inspections only. Instructions designated “**FINAL**” apply to final inspections only. Instructions not labeled apply to ALL inspections.

C. PRODUCTION WORKSHEET ENTRIES AND COMPLETION PROCEDURES

Verify or make the following entries:

Item No. Information Required

- 1. **Crop/Code #:** Enter the crop name and code number of the Florida Citrus **Fruit** crop insured (e.g., Citrus I, 0245):

CROP NAME (OR CITRUS FRUIT TYPE)	CROP (OR TYPE) CODE #	SUBTYPE
Citrus I	0245	Early Midseason Oranges
Citrus II	0246	Late Oranges – Juice
Citrus III	0247	Grapefruit-Juice
Citrus IV	0248	Tangerines Tangelos Navel Oranges
Citrus V	0249	Murcott Temple Oranges
Citrus VI	0250	Lemons Limes
Citrus VII	0251	Grapefruit Late Oranges – Fresh

- 2. **Unit #:** Five-digit unit number from the Summary of Coverage after it is verified to be correct (e.g., 00100).
- 3. **Legal Description:** Section, township, and range number or other description that identifies the location of the unit.

4. **Date of Damage:** First three letters of the month during which MOST of the insured damage (including progressive damage) occurred for each inspection. Include the SPECIFIC DATE where applicable as in the case of freeze damage (e.g., JAN 10).
5. **Cause of Damage:** Name of insured cause(s) of loss for **this crop** as listed in the LAM. If it is evident that no indemnity is due, enter “NONE.” If an insured cause of loss is coded as “Other,” explain in the “Narrative.” Refer to the Basic Provisions and the Florida Citrus Fruit Crop Provisions for information pertaining to insured and uninsured causes of loss.

6. **Primary Cause %:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Percent of damage for the cause of damage listed in item 5 above that is determined to be the primary cause of damage, to the nearest whole percent. The primary cause of damage must exceed 50 percent (e.g., 51%). Enter an X for the major secondary cause of damage.

7. **Company/Agency:** Name of AIP and agency servicing the contract.
8. **Name of Insured:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
9. **Claim #:** Claim number as assigned by the AIP.
10. **Policy #:** Insured’s assigned policy number.
11. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim is filed.
12. **Additional Units:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Unit number(s) for ALL non-loss units for the crop at the time of final inspection. A non-loss unit is any unit for which a Production Worksheet has not been completed. Additional non-loss units may be entered on a single Production Worksheet. If more spaces are needed for non-loss units, enter the unit numbers, identified as “Non-Loss Units,” in the narrative or on an attached Special Report.

13. **Est. Prod. Per Acre:** MAKE NO ENTRY.
14. **Date(s) Notice of Loss:**

PRELIMINARY:

- a. Date the notice of damage was given for the unit in item 2, in the 1st or 2nd space, as applicable. Enter the complete date (MM/DD/YYYY).

- b. A third notice of damage or loss for a preliminary inspection (if needed) requires an additional set of Production Worksheets. Enter the date of the notice for a third preliminary inspection in the 1st space of item 14 on the second set of Production Worksheets.
- c. Reserve the “Final” space on the first page of the first set of Production Worksheets for the date of notice for the final inspection.
- d. If the inspection is initiated by the AIP, enter “Company Insp.” instead of the date.
- e. If the notice does not require an inspection, document as directed in the “Narrative” instructions.

FINAL: Transfer the last date (in the 1st or 2nd space from the first or second set of Production Worksheets) to the FINAL space on the first page of the first set of Production Worksheets if a final inspection should be made as a result of the notice. Always enter the complete date of notice (MM/DD/YYYY) for the “FINAL” inspection in the FINAL space on the first page of the first set of Production Worksheets. For a delayed notice of loss or delayed claim, refer to the LAM.

15. **Companion Policy(ies):** MAKE NO ENTRY (ownership share only).

SECTION I - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

Make separate line entries for each fruit type within the unit.

Verify or make the following entries:

Item

No. Information Required

A. **Field ID:** The grove identification symbol from a sketch map or aerial photo. Refer to the narrative instructions. In the margin of the last line entry (or in a separate column), enter the DATE of inspection for the last line entry of each inspection.

REFER TO THE LAM FOR INSTRUCTIONS REGARDING ENTRY OF FIRST CROP AND SECOND CROP CODES.

B. **Preliminary Acres:**

PRELIMINARY: The number of acres, to tenths, (include “E” if estimated), for which consent for other use is given. Determine actual acreage, to tenths, when the boundaries of the appraised acreage may not be determined later. Refer to the LAM or CIH for acreage measurement instructions specific to perennial crops.

FINAL: MAKE NO ENTRY.

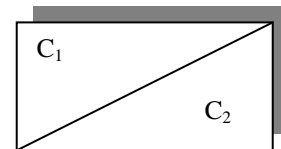
- C. **Final Acres:** Refer to LAM for the definition of acceptable determined acres as used herein. Refer to the LAM or CIH for acreage measurement instructions specific to perennial crops. Determined acres to tenths (include “E” if estimated) for which consent is given for other use and/or:
- Put to other use without prior consent.
 - Abandoned.
 - Damaged by uninsured causes.
 - For which the insured failed to provide acceptable records of production.

FINAL: Determined acres, to tenths.

Acreage breakdowns WITHIN a unit may be estimated (enter “E” in front of the acres) if a determination is impractical and if authorizations was received from the AIP. Document authorization in the Narrative.

ACCOUNT FOR ALL ACREAGE IN THE UNIT. In the event of over-reported acres, handle in accordance with individual AIP’s instructions. In the event of under-reported acres, draw a diagonal line in Column “C” as shown.

- C₁ Enter the ACTUAL acres for the grove or sub-grove.
 C₂ Enter the REPORTED acres for the grove or sub-grove.



- D. **Interest or Share:** Insured’s interest (as ownership only) in the crop to three decimal places as determined at the time of inspection.
- E. **Risk:** The correct (age of tree) rate class from the actuarial documents for the fruit type. Verify with the Summary of Coverage and if the rate class is found to be incorrect, revise according to the AIP’s instructions (use visual inspection and grower records to verify reported tree age). Refer to the LAM. Unrated land is uninsurable without a written agreement.
- F. **Practice:** Three-digit code number, entered exactly as specified on the actuarial documents, for the practice carried out by the insured. If “No Practice Specified,” enter appropriate three-digit code number from the actuarial documents.
- G. **Type/Class/Variety:** Three-digit code number, entered exactly as specified on the actuarial documents, for the citrus fruit subtype grown by the insured. If “No Type Specified,” enter appropriate three-digit code number from the actuarial documents.
- H.-I. MAKE NO ENTRY.
- J. **Appraised Potential:** Line out Appraised Potential and enter “Amt. of Ins.” and enter the amount of insurance per acre, rounded to whole dollars, for the type/subtype.
- K₁.-K₂. MAKE NO ENTRY.

- L. **Shell and/or Quality Factor:** Line out “Shell and/or Quality Factor” and enter Adjusted % Potential (as “Adj. % Pot.”). Enter the result of one hundred percent (100) minus the entry in item 61 of Part IV of the **Adjuster’s Citrus Worksheet**, divided by the coverage level, recorded to three decimal places. Show calculation in the Narrative. If the calculated “Adjusted % Potential” exceeds 1.000, enter 1.000.

EXAMPLE: $(100.0\% - 47.5\%) \div 75\% \text{ coverage level} = .700$; enter .700 in column L.

- M. **Uninsured Cause:** Refer to the LAM when a Hail and Fire Exclusion is in effect and damage is from hail or fire. Enter hail and fire exclusion appraisal, rounded to whole cents, otherwise, MAKE NO ENTRY. Any other tree damage due to uninsured causes is recorded as a percent in the Narrative. **Refer to the LAM for information on how to determine uninsured cause appraisals.**
- N. **Adjusted Potential:** Column “J” times Column “L,” plus Column “M,” rounded to whole cents.
- O. **Total:** Column “C” or “C₁” (**actual acres**) times Column “N,” rounded to whole dollars.
- P. **Per Acre:** The amount of insurance per acre for the fruit type, rounded to whole dollars.
- Q. **Total:** Column “C₂” (**reported acres**) (“C₁” if acreage is not under-reported) **times “P,”** to whole dollars.

16. **Total Acres:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total actual acres (column “C” (or “C₁” if there are under-reported acres)), to tenths.

17. **Totals:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total of Column “O” and total of Column “Q” **in whole dollars.**

NARRATIVE:

If more space is needed, document on a Special Report, and enter “See Special Report.” Attach the Special Report to the Production Worksheet.

- a. If no acreage is released on the unit, enter “No acreage released,” adjuster’s initials and date.

- b. If notice of damage was given and “No Inspection” is **required**, enter the unit number(s), “No Inspection,” date, and adjuster’s initials. The insured’s signature is not required.
- c. Explain any uninsured causes, unusual, or controversial cases.
- d. If there is an appraisal in Section I, item M for uninsured causes due to a hail/fire exclusion, show the original hail/fire liability per acre and the hail/fire indemnity per acre.
- e. Document the actual appraisal date if an appraisal was performed prior to the adjuster’s signature date on the appraisal worksheet, and the date of the appraisal is not recorded on the appraisal worksheet.
- f. State that there is “No other fire insurance” when fire damages or destroys the insured crop and it is determined that the insured has no other fire insurance. **Also** refer to the LAM.
- g. Explain any errors found on the Summary of Coverage.
- h. Explain a “NO” checked in item 19.
- i. Attach a sketch map or aerial photograph to identify the total unit:
 - (1) If consent is or has been given to put part of the unit to another use;
 - (2) If uninsured causes are present; or
 - (3) For unusual or controversial cases.

Indicate on the sketch map or aerial photo the disposition of acreage put to other use with or without consent.
- j. Explain any difference between date of inspection and signature dates. For an ABSENTEE insured, enter the date of the inspection AND the date of mailing the Production Worksheet for signature.
- k. When any other adjuster or supervisor accompanied the adjuster on the inspection, enter the code number of the other adjuster or supervisor and date of inspection.
- l. Explain the reason for a “No Indemnity Due” claim. “No Indemnity Due” claims are to be distributed in accordance with **AIP**’s instructions.
- m. Explain any delayed notices or delayed claims as instructed in the LAM.
- n. Document any authorized estimated acres shown in Section I, item C as follows: “Line 3 ‘E’ acres authorized by **AIP** MM/DD/YYYY.”
- o. Document the method and calculation used to determine acres for the unit. Refer to the LAM.
- p. Explain any “Box increase to meet minimum for the unit” entry on the Adjuster’s Citrus Worksheet (item 58).
- q. Document if production records were not supplied for the previous three years.

- r. Record the tree planting pattern
- s. Document calculation of “Adjusted % Potential” for Section I, item L.
- t. Document the name and address of the charitable organization when gleaned acreage is applicable. Refer to the LAM for more information on gleaning.
- u. Document any other pertinent information, including any data to support any factors used to calculate the production.

SECTION II - HARVESTED PRODUCTION

Verify or make the following entries:

**Item
No.**

Information Required

18. Date Harvest Completed: (Used to determine if there is a delayed notice or a delayed claim. Refer to the LAM.)

PRELIMINARY: MAKE NO ENTRY.

FINAL:

- a. The earlier of the date the ENTIRE acreage on the unit was (1) harvested, (2) totally destroyed, (3) put to other use, (4) a combination of harvested, destroyed, or put to other use, or (5) the calendar date for the end of the insurance period.
- b. If at the time of final inspection, (if prior to the end of the insurance period,) there is any unharvested insured acreage remaining on the unit and the insured does not intend to harvest, enter “**Incomplete.**”
- c. If at the time of final inspection (if prior to the end of the insurance period, **none** of the insured acreage on the unit has been harvested, and the insured does not intend to harvest such acreage, enter “**No Harvest.**”
- d. If the case involves a Certification Form, enter the date from the Certification Form, when the entire unit is put to another use, etc. Refer to the LAM.

19. **Similar Damage:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Check “Yes” or “No.” Check “Yes” if amount and cause of damage due to insurable causes is similar to the experience of other groves in the area. If “NO” is checked, explain in the Narrative.

20. **Assignment of Indemnity:** Check “Yes” **only** if an assignment of indemnity is in effect for the crop year; otherwise, check “No.” Refer to the LAM.
21. **Transfer of Right to Indemnity:** Check “Yes” **only** if a transfer of right to indemnity is in effect for the unit for the crop year; otherwise, check “No.” Refer to the LAM.
- A₁-S. MAKE NO ENTRY.
22. **Section II Total:** MAKE NO ENTRY.
23. **Section I Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Figure from Section I, Column “O” Totals.
24. **Unit Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total Net Dollar Amount to Count for the unit from item 23.

The following required entries are not illustrated on the appraisal worksheet example below.

25. **Adjuster’s Signature, Code #, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured’s authorized representative) has signed. For an absentee insured, enter adjuster’s code number **ONLY**. The signature and date will be entered **AFTER** the absentee has signed and returned the Production Worksheet. Final indemnity inspections should be signed on bottom line.
26. **Insured’s Signature and Date:** Insured’s (or insured’s authorized representative’s) signature and date. **BEFORE** obtaining **the** signature, **REVIEW ALL ENTRIES** on the Production Worksheet **WITH THE INSURED (or the insured’s authorized representative)**, particularly explaining codes, etc., that may not be readily understood. Final indemnity inspections should be signed on bottom line.
27. **Page Numbers:**

PRELIMINARY: Page numbers – “1,” “2,” etc., at the time of inspection.

FINAL: Page numbers - (Example: Page 1 of 1, Page 2 of 2, etc.).

PRODUCTION WORKSHEET
(FOR ILLUSTRATION PURPOSES ONLY)

1 Crop/Code# Citrus I 0245	2 Unit # 00100	3 Legal Description SEC 32 T17 R24
4 Date of Damage	JAN 10	
5 Cause of Damage	Freeze	
6 Primary Cause %	100	
12 Additional Units	00200	
13 Est. Prod Per Acre		

7 Company _____ Any Company _____
Agency _____ Any Agency _____

8 Name of Insured I. M. Insured			
9 Claim # XXXXXXXXXX		11 Crop Year YYYY	
10 Policy # XXXXXXXXXX			
14 Date(s) Notice of Loss	1 st MM/DD/YYYY	2 ⁿ	Final MM/DD/YYYY
15 Companion Policy(s)			

SECTION I – ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

ACTUARIAL										POTENTIAL YIELD					STAGE GUARANTEE		
A	B	C	D	E	F	G	H	I	J	K ₁	K ₂	L	M	N	O	P	Q
Field ID	Prelim Acres	Final Acres	Interest or Share	Risk	Practice	Type Class	Stage	Intended or Final Use	Amt. of Ins Appraised Potential	Moisture % Factor	Shell and/or Quality Factor	+Uninsured Cause	Adjusted Potential	Total to Count (C x N)	Per Acre	Total (C x P)	
1 NS MM/DD		33.3	1.000	D03	997	011			350			.743		260.05	8660	350	11655
16 TOTAL		33.3											17 TOTALS	8660		11655	

NARRATIVE (If more space is needed, attach a Special Report) Acres determined by wheel measurement Tree Planting pattern 25' X 30'

Adjusted damage: 100.0% - 44.3% average damage = 55.7%. 55.7% divided by 75% coverage level = .743 adjusted percent potential. Item 19, See attached Special Report for explanation of damage due to uninsured cause of loss.

SECTION II – HARVESTED PRODUCTION

18. Date Harvest Completed MM/DD/YYYY					19. Is damage similar to other farms in the area? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					20. Assignment of Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					21. Transfer of Right To Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
MEASUREMENTS					GROSS PRODUCTION					ADJUSTMENTS TO HARVESTED PRODUCTION									
A ₁	B	C	D	E	F	G	H	I	J	K ₁	L ₁	M ₁	N	O	P	Q ₁	R	S	
A ₂	Share Field ID	Length or Diameter	Width	Depth	Deduction	Net Cubic Feet	Conversion Factor	Gross Prod. (F x G)	Bu. Ton Lbs. Cwt.	Shell/ Sugar Factor	FM% Factor	Moisture% Factor	Test Wt. Factor	Adjusted Production HorIxJxK ₂ xL ₂ xM ₂	Prod. Not To Count	Production (N – O)	Value Mkt. Price	Quality Factor (Q ₁ ÷ Q ₂)	Production To Count (P X R)
22. Section II Total																			
23. Section I Total																			
24. Unit Total																			

11. REFERENCE MATERIAL

TABLE A - MINIMUM REPRESENTATIVE SAMPLE REQUIREMENTS

Number of Acres:	Select:
Less than 10.0	The lesser of 5 trees or 5% of the number of trees in the grove or sub-grove (for a percentage number ending with 0.5 or more, round to the next higher whole percentage point).
10.1 to 100.0	5 trees plus 1 tree per additional 10.0 acres.
100.1 or more	14 trees plus 1 tree per additional 100.0 acres.

TABLE B- SETTING DISTANCES AND APPROXIMATE NUMBER OF TREES PER ACRE

TREES PER ACRE (Page 1 of 2)							
Trees Per Acre	Square Feet Per Tree	Setting Distances in Feet	Trees per Acre	Setting Distances in Feet	Trees per Acre	Setting Distances in Feet	Trees per Acre
Under 50	881 & Over	40 X 40	27	<u>35 X 35</u>	36	30 X 33	44
		36 X 42	29	33 X 34	39	25 X 40	44
		35 X 40	31	30 X 36	40	30 X 32	45
		34 X 38	34	<u>30 X 35</u>	41	30 X 31	47
		30 X 34	36	32 X 32	43	<u>30 X 30</u>	48
50 to 59	880 to 773	25 X 35	50	20 X 40	54	<u>28 X 28</u>	56
		27 X 32	50	27 X 30	54	23 X 33	57
		28 X 30	52	25 X 32	54	<u>25 X 30</u>	58
		<u>29 X 29</u>	52	23 X 35	54	26 X 29	58
		22 X 37	54	26 X 30	56	24 X 31	59
60 to 69	732 to 627	<u>27 X 27</u>	60	23 X 30	63	22 X 30	66
		25 X 29	60	20 X 34	64	<u>25 X 26</u>	67
		26 X 28	60	<u>26 X 26</u>	64	18 X 36	67
		20 X 35	62	24 X 28	65	23 X 28	68
		26 X 27	62	25 X 27	65	21 X 30	69
70 to 79	626 to 548	<u>25 X 25</u>	70	22 X 27	73	23 X 25	76
		24 X 26	70	23 X 26	73	<u>24 X 24</u>	76
		22 X 28	71	17 X 34	75	20 X 28	78
		21 X 29	72	19 X 30	76	22 X 25	79
		<u>20 X 30</u>	73	22 X 26	76	23 X 24	79
80 to 89	547 to 487	21 X 26	80	22 X 24	83	18 X 28	86
		18 X 30	81	20 X 26	84	21 X 24	86
		20 X 27	81	15 X 34	85	22 X 23	86
		23 X 23	82	16 X 32	85	20 X 25	87
		19 X 28	82	17 X 30	85	19 X 26	88
90 to 99	486 to 438	18 X 27	90	16 X 30	91	19 X 24	96
		21 X 23	90	17 X 28	92	15 X 30	97
		22 X 22	90	21 X 22	94	18 X 25	97
		15 X 32	91	17 X 27	95	20 X 22	99
		20 X 24	91	20 X 23	95	21 X 21	99
100 & OVER	437 & LESS	19 X 23	100	16 X 26	105	18 X 20	121
		15 X 29	100	15 X 27	108	19 X 19	121
		18 X 24	101	20 X 20	109	16 X 22	124
		16 X 27	101	18 X 22	110	18 X 19	127
		17 X 25	102	14 X 28	111	17 X 20	128
		14 X 30	104	15 X 25	116	13 X 26	129

Some of the more commonly used spacings are underlined

TABLE B- SETTING DISTANCES AND APPROXIMATE NUMBER OF TREES PER ACRE (Continued)

TREES PER ACRE (Page 2 of 2)							
Setting Distances in Feet	Trees per Acre	Setting Distances in Feet	Trees per Acre	Setting Distances in Feet	Trees per Acre	Setting Distances in Feet	Trees per Acre
7.5 X 20	290	12.5 X 20	174	16 X 20	136	22 X 22	90
7.5 X 22	264	12.5 X 22	158	16 X 22	124	22 X 23	86
7.5 X 23	253	12.5 X 23	152	16 X 23	118	22 X 24	83
7.5 X 24	242	12.5 X 24	145	16 X 24	113	22 X 25	79
7.5 X 25	232	12.5 X 25	139	16 X 25	109	22 X 27	73
7.5 X 27	215	12.5 X 27	129	16 X 27	101	22 X 28	71
7.5 X 28	207	12.5 X 28	124	16 X 28	97	22 X 30	66
7.5 X 30	194	12.5 X 30	116	16 X 30	91	--	--
10 X 20	218	13 X 20	168	17 X 20	128	23 X 23	82
10 X 22	198	13 X 22	152	17 X 22	116	23 X 24	79
10 X 23	189	13 X 23	146	17 X 23	111	23 X 25	76
10 X 24	182	13 X 24	140	17 X 24	107	23 X 27	70
10 X 25	174	13 X 25	134	17 X 25	102	23 X 28	68
10 X 27	161	13 X 27	124	17 X 27	95	23 X 30	63
10 X 28	156	13 X 28	120	17 X 28	92	--	--
10 X 30	145	13 X 30	112	17 X 30	85	24 X 24	76
11 X 20	198	14 X 20	156	18 X 20	121	24 X 25	73
11 X 22	180	14 X 22	141	18 X 22	110	24 X 27	67
11 X 23	172	14 X 23	135	18 X 23	105	24 X 28	65
11 X 24	165	14 X 24	130	18 X 24	101	24 X 30	61
11 X 25	158	14 X 25	124	18 X 25	97	--	--
11 X 27	145	14 X 27	115	18 X 27	90	25 X 25	70
11 X 28	141	14 X 28	111	18 X 28	86	25 X 27	65
11 X 30	132	14 X 30	104	18 X 30	81	25 X 28	62
12 X 20	182	15 X 20	145	20 X 20	109	25 X 30	58
12 X 22	165	15 X 22	132	20 X 22	99	--	--
12 X 23	158	15 X 23	126	20 X 23	95	27 X 27	60
12 X 24	151	15 X 24	121	20 X 24	91	27 X 28	58
12 X 25	145	15 X 25	116	20 X 25	87	27 X 30	54
12 X 27	134	15 X 27	108	20 X 27	81	--	--
12 X 28	130	15 X 28	104	20 X 28	78	28 X 28	56
12 X 30	121	15 X 30	97	20 X 30	73	28 X 30	52
						--	--
						30 X 30	48
						--	--

TABLE C - CITRUS JUICE CHART - CITRUS I (011) & (012)

To be used for Citrus I (011) & (012) , when average pounds of juice after freeze is between 38.0 and 52.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
51.9	52.0	90.0	38.1	38.0	0.5	49.6	52.0	90.0	40.4	38.0	10.3	47.3	52.0	90.0	42.7	38.0	19.1
51.8	52.0	90.0	38.2	38.0	0.9	49.5	52.0	90.0	40.5	38.0	10.7	47.2	52.0	90.0	42.8	38.0	19.4
51.7	52.0	90.0	38.3	38.0	1.4	49.4	52.0	90.0	40.6	38.0	11.1	47.1	52.0	90.0	42.9	38.0	19.8
51.6	52.0	90.0	38.4	38.0	1.8	49.3	52.0	90.0	40.7	38.0	11.5	47.0	52.0	90.0	43.0	38.0	20.1
51.5	52.0	90.0	38.5	38.0	2.2	49.2	52.0	90.0	40.8	38.0	11.9	46.9	52.0	90.0	43.1	38.0	20.5
51.4	52.0	90.0	38.6	38.0	2.7	49.1	52.0	90.0	40.9	38.0	12.3	46.8	52.0	90.0	43.2	38.0	20.8
51.3	52.0	90.0	38.7	38.0	3.1	49.0	52.0	90.0	41.0	38.0	12.7	46.7	52.0	90.0	43.3	38.0	21.2
51.2	52.0	90.0	38.8	38.0	3.6	48.9	52.0	90.0	41.1	38.0	13.1	46.6	52.0	90.0	43.4	38.0	21.5
51.1	52.0	90.0	38.9	38.0	4.0	48.8	52.0	90.0	41.2	38.0	13.4	46.5	52.0	90.0	43.5	38.0	21.9
51.0	52.0	90.0	39.0	38.0	4.4	48.7	52.0	90.0	41.3	38.0	13.8	46.4	52.0	90.0	43.6	38.0	22.2
50.9	52.0	90.0	39.1	38.0	4.9	48.6	52.0	90.0	41.4	38.0	14.2	46.3	52.0	90.0	43.7	38.0	22.6
50.8	52.0	90.0	39.2	38.0	5.3	48.5	52.0	90.0	41.5	38.0	14.6	46.2	52.0	90.0	43.8	38.0	22.9
50.7	52.0	90.0	39.3	38.0	5.7	48.4	52.0	90.0	41.6	38.0	15.0	46.1	52.0	90.0	43.9	38.0	23.3
50.6	52.0	90.0	39.4	38.0	6.1	48.3	52.0	90.0	41.7	38.0	15.4	46.0	52.0	90.0	44.0	38.0	23.6
50.5	52.0	90.0	39.5	38.0	6.6	48.2	52.0	90.0	41.8	38.0	15.7	45.9	52.0	90.0	44.1	38.0	23.9
50.4	52.0	90.0	39.6	38.0	7.0	48.1	52.0	90.0	41.9	38.0	16.1	45.8	52.0	90.0	44.2	38.0	24.3
50.3	52.0	90.0	39.7	38.0	7.4	48.0	52.0	90.0	42.0	38.0	16.5	45.7	52.0	90.0	44.3	38.0	24.6
50.2	52.0	90.0	39.8	38.0	7.8	47.9	52.0	90.0	42.1	38.0	16.9	45.6	52.0	90.0	44.4	38.0	24.9
50.1	52.0	90.0	39.9	38.0	8.2	47.8	52.0	90.0	42.2	38.0	17.2	45.5	52.0	90.0	44.5	38.0	25.3
50.0	52.0	90.0	40.0	38.0	8.7	47.7	52.0	90.0	42.3	38.0	17.6	45.4	52.0	90.0	44.6	38.0	25.6
49.9	52.0	90.0	40.1	38.0	9.1	47.6	52.0	90.0	42.4	38.0	18.0	45.3	52.0	90.0	44.7	38.0	25.9
49.8	52.0	90.0	40.2	38.0	9.5	47.5	52.0	90.0	42.5	38.0	18.3	45.2	52.0	90.0	44.8	38.0	26.3
49.7	52.0	90.0	40.3	38.0	9.9	47.4	52.0	90.0	42.6	38.0	18.7	45.1	52.0	90.0	44.9	38.0	26.6

(Page 1 of 2, Citrus I (011) & (012))

TABLE C - CITRUS JUICE CHART - CITRUS I (011) & (012) (continued)

To be used for Citrus I (011) & (012), when average pounds of juice after freeze is between 38.0 and 52.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
45.0	52.0	90.0	45.0	38.0	26.9	42.6	52.0	90.0	47.4	38.0	34.3	40.2	52.0	90.0	49.8	38.0	41.0
44.9	52.0	90.0	45.1	38.0	27.2	42.5	52.0	90.0	47.5	38.0	34.6	40.1	52.0	90.0	49.9	38.0	41.3
44.8	52.0	90.0	45.2	38.0	27.6	42.4	52.0	90.0	47.6	38.0	34.9	40.0	52.0	90.0	50.0	38.0	41.5
44.7	52.0	90.0	45.3	38.0	27.9	42.3	52.0	90.0	47.7	38.0	35.2	39.9	52.0	90.0	50.1	38.0	41.8
44.6	52.0	90.0	45.4	38.0	28.2	42.2	52.0	90.0	47.8	38.0	35.5	39.8	52.0	90.0	50.2	38.0	42.1
44.5	52.0	90.0	45.5	38.0	28.5	42.1	52.0	90.0	47.9	38.0	35.8	39.7	52.0	90.0	50.3	38.0	42.3
44.4	52.0	90.0	45.6	38.0	28.8	42.0	52.0	90.0	48.0	38.0	36.1	39.6	52.0	90.0	50.4	38.0	42.6
44.3	52.0	90.0	45.7	38.0	29.2	41.9	52.0	90.0	48.1	38.0	36.3	39.5	52.0	90.0	50.5	38.0	42.8
44.2	52.0	90.0	45.8	38.0	29.5	41.8	52.0	90.0	48.2	38.0	36.6	39.4	52.0	90.0	50.6	38.0	43.1
44.1	52.0	90.0	45.9	38.0	29.8	41.7	52.0	90.0	48.3	38.0	36.9	39.3	52.0	90.0	50.7	38.0	43.4
44.0	52.0	90.0	46.0	38.0	30.1	41.6	52.0	90.0	48.4	38.0	37.2	39.2	52.0	90.0	50.8	38.0	43.6
43.9	52.0	90.0	46.1	38.0	30.4	41.5	52.0	90.0	48.5	38.0	37.5	39.1	52.0	90.0	50.9	38.0	43.9
43.8	52.0	90.0	46.2	38.0	30.7	41.4	52.0	90.0	48.6	38.0	37.7	39.0	52.0	90.0	51.0	38.0	44.1
43.7	52.0	90.0	46.3	38.0	31.0	41.3	52.0	90.0	48.7	38.0	38.0	38.9	52.0	90.0	51.1	38.0	44.4
43.6	52.0	90.0	46.4	38.0	31.3	41.2	52.0	90.0	48.8	38.0	38.3	38.8	52.0	90.0	51.2	38.0	44.6
43.5	52.0	90.0	46.5	38.0	31.6	41.1	52.0	90.0	48.9	38.0	38.6	38.7	52.0	90.0	51.3	38.0	44.9
43.4	52.0	90.0	46.6	38.0	31.9	41.0	52.0	90.0	49.0	38.0	38.9	38.6	52.0	90.0	51.4	38.0	45.1
43.3	52.0	90.0	46.7	38.0	32.2	40.9	52.0	90.0	49.1	38.0	39.1	38.5	52.0	90.0	51.5	38.0	45.4
43.2	52.0	90.0	46.8	38.0	32.5	40.8	52.0	90.0	49.2	38.0	39.4	38.4	52.0	90.0	51.6	38.0	45.6
43.1	52.0	90.0	46.9	38.0	32.8	40.7	52.0	90.0	49.3	38.0	39.7	38.3	52.0	90.0	51.7	38.0	45.9
43.0	52.0	90.0	47.0	38.0	33.1	40.6	52.0	90.0	49.4	38.0	39.9	38.2	52.0	90.0	51.8	38.0	46.1
42.9	52.0	90.0	47.1	38.0	33.4	40.5	52.0	90.0	49.5	38.0	40.2	38.1	52.0	90.0	51.9	38.0	46.4
42.8	52.0	90.0	47.2	38.0	33.7	40.4	52.0	90.0	49.6	38.0	40.5	38.0	52.0	90.0	52.0	38.0	46.6
42.7	52.0	90.0	47.3	38.0	34.0	40.3	52.0	90.0	49.7	38.0	40.7						

(Page 2 of 2, Citrus I (011) & (012))

TABLE D - CITRUS JUICE CHART - CITRUS II (024)

To be used for Citrus II (024),, when average pounds of juice after freeze is between 37.0 and 54.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
53.9	54.0	90.0	36.1	36.0	0.5	51.1	54.0	90.0	38.9	36.0	12.4	48.3	54.0	90.0	41.7	36.0	22.8
53.8	54.0	90.0	36.2	36.0	0.9	51.0	54.0	90.0	39.0	36.0	12.8	48.2	54.0	90.0	41.8	36.0	23.1
53.7	54.0	90.0	36.3	36.0	1.4	50.9	54.0	90.0	39.1	36.0	13.2	48.1	54.0	90.0	41.9	36.0	23.5
53.6	54.0	90.0	36.4	36.0	1.8	50.8	54.0	90.0	39.2	36.0	13.6	48.0	54.0	90.0	42.0	36.0	23.8
53.5	54.0	90.0	36.5	36.0	2.3	50.7	54.0	90.0	39.3	36.0	14.0	47.9	54.0	90.0	42.1	36.0	24.1
53.4	54.0	90.0	36.6	36.0	2.7	50.6	54.0	90.0	39.4	36.0	14.4	47.8	54.0	90.0	42.2	36.0	24.5
53.3	54.0	90.0	36.7	36.0	3.2	50.5	54.0	90.0	39.5	36.0	14.8	47.7	54.0	90.0	42.3	36.0	24.8
53.2	54.0	90.0	36.8	36.0	3.6	50.4	54.0	90.0	39.6	36.0	15.2	47.6	54.0	90.0	42.4	36.0	25.2
53.1	54.0	90.0	36.9	36.0	4.1	50.3	54.0	90.0	39.7	36.0	15.5	47.5	54.0	90.0	42.5	36.0	25.5
53.0	54.0	90.0	37.0	36.0	4.5	50.2	54.0	90.0	39.8	36.0	15.9	47.4	54.0	90.0	42.6	36.0	25.8
52.9	54.0	90.0	37.1	36.0	4.9	50.1	54.0	90.0	39.9	36.0	16.3	47.3	54.0	90.0	42.7	36.0	26.2
52.8	54.0	90.0	37.2	36.0	5.4	50.0	54.0	90.0	40.0	36.0	16.7	47.2	54.0	90.0	42.8	36.0	26.5
52.7	54.0	90.0	37.3	36.0	5.8	49.9	54.0	90.0	40.1	36.0	17.0	47.1	54.0	90.0	42.9	36.0	26.8
52.6	54.0	90.0	37.4	36.0	6.2	49.8	54.0	90.0	40.2	36.0	17.4	47.0	54.0	90.0	43.0	36.0	27.1
52.5	54.0	90.0	37.5	36.0	6.7	49.7	54.0	90.0	40.3	36.0	17.8	46.9	54.0	90.0	43.1	36.0	27.5
52.4	54.0	90.0	37.6	36.0	7.1	49.6	54.0	90.0	40.4	36.0	18.2	46.8	54.0	90.0	43.2	36.0	27.8
52.3	54.0	90.0	37.7	36.0	7.5	49.5	54.0	90.0	40.5	36.0	18.5	46.7	54.0	90.0	43.3	36.0	28.1
52.2	54.0	90.0	37.8	36.0	7.9	49.4	54.0	90.0	40.6	36.0	18.9	46.6	54.0	90.0	43.4	36.0	28.4
52.1	54.0	90.0	37.9	36.0	8.4	49.3	54.0	90.0	40.7	36.0	19.2	46.5	54.0	90.0	43.5	36.0	28.7
52.0	54.0	90.0	38.0	36.0	8.8	49.2	54.0	90.0	40.8	36.0	19.6	46.4	54.0	90.0	43.6	36.0	29.1
51.9	54.0	90.0	38.1	36.0	9.2	49.1	54.0	90.0	40.9	36.0	20.0	46.3	54.0	90.0	43.7	36.0	29.4
51.8	54.0	90.0	38.2	36.0	9.6	49.0	54.0	90.0	41.0	36.0	20.3	46.2	54.0	90.0	43.8	36.0	29.7
51.7	54.0	90.0	38.3	36.0	10.0	48.9	54.0	90.0	41.1	36.0	20.7	46.1	54.0	90.0	43.9	36.0	30.0
51.6	54.0	90.0	38.4	36.0	10.4	48.8	54.0	90.0	41.2	36.0	21.0	46.0	54.0	90.0	44.0	36.0	30.3
51.5	54.0	90.0	38.5	36.0	10.8	48.7	54.0	90.0	41.3	36.0	21.4	45.9	54.0	90.0	44.1	36.0	30.6
51.4	54.0	90.0	38.6	36.0	11.2	48.6	54.0	90.0	41.4	36.0	21.7	45.8	54.0	90.0	44.2	36.0	30.9
51.3	54.0	90.0	38.7	36.0	11.6	48.5	54.0	90.0	41.5	36.0	22.1	45.7	54.0	90.0	44.3	36.0	31.2
51.2	54.0	90.0	38.8	36.0	12.0	48.4	54.0	90.0	41.6	36.0	22.4	45.6	54.0	90.0	44.4	36.0	31.5

(Page 1 of 2, Citrus II (024))

TABLE D - CITRUS JUICE CHART - CITRUS II (024) (continued)

To be used for Citrus II (024), when average pounds of juice after freeze is between 37.0 and 54.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
45.5	54.0	90.0	44.5	36.0	31.8	42.6	54.0	90.0	47.4	36.0	40.1	39.7	54.0	90.0	50.3	36.0	47.4
45.4	54.0	90.0	44.6	36.0	32.1	42.5	54.0	90.0	47.5	36.0	40.4	39.6	54.0	90.0	50.4	36.0	47.6
45.3	54.0	90.0	44.7	36.0	32.4	42.4	54.0	90.0	47.6	36.0	40.6	39.5	54.0	90.0	50.5	36.0	47.9
45.2	54.0	90.0	44.8	36.0	32.7	42.3	54.0	90.0	47.7	36.0	40.9	39.4	54.0	90.0	50.6	36.0	48.1
45.1	54.0	90.0	44.9	36.0	33.0	42.2	54.0	90.0	47.8	36.0	41.1	39.3	54.0	90.0	50.7	36.0	48.3
45.0	54.0	90.0	45.0	36.0	33.3	42.1	54.0	90.0	47.9	36.0	41.4	39.2	54.0	90.0	50.8	36.0	48.6
44.9	54.0	90.0	45.1	36.0	33.6	42.0	54.0	90.0	48.0	36.0	41.7	39.1	54.0	90.0	50.9	36.0	48.8
44.8	54.0	90.0	45.2	36.0	33.9	41.9	54.0	90.0	48.1	36.0	41.9	39.0	54.0	90.0	51.0	36.0	49.0
44.7	54.0	90.0	45.3	36.0	34.2	41.8	54.0	90.0	48.2	36.0	42.2	38.9	54.0	90.0	51.1	36.0	49.2
44.6	54.0	90.0	45.4	36.0	34.5	41.7	54.0	90.0	48.3	36.0	42.4	38.8	54.0	90.0	51.2	36.0	49.5
44.5	54.0	90.0	45.5	36.0	34.8	41.6	54.0	90.0	48.4	36.0	42.7	38.7	54.0	90.0	51.3	36.0	49.7
44.4	54.0	90.0	45.6	36.0	35.1	41.5	54.0	90.0	48.5	36.0	43.0	38.6	54.0	90.0	51.4	36.0	49.9
44.3	54.0	90.0	45.7	36.0	35.4	41.4	54.0	90.0	48.6	36.0	43.2	38.5	54.0	90.0	51.5	36.0	50.2
44.2	54.0	90.0	45.8	36.0	35.7	41.3	54.0	90.0	48.7	36.0	43.5	38.4	54.0	90.0	51.6	36.0	50.4
44.1	54.0	90.0	45.9	36.0	35.9	41.2	54.0	90.0	48.8	36.0	43.7	38.3	54.0	90.0	51.7	36.0	50.6
44.0	54.0	90.0	46.0	36.0	36.2	41.1	54.0	90.0	48.9	36.0	44.0	38.2	54.0	90.0	51.8	36.0	50.8
43.9	54.0	90.0	46.1	36.0	36.5	41.0	54.0	90.0	49.0	36.0	44.2	38.1	54.0	90.0	51.9	36.0	51.1
43.8	54.0	90.0	46.2	36.0	36.8	40.9	54.0	90.0	49.1	36.0	44.5	38.0	54.0	90.0	52.0	36.0	51.3
43.7	54.0	90.0	46.3	36.0	37.1	40.8	54.0	90.0	49.2	36.0	44.7	37.9	54.0	90.0	52.1	36.0	51.5
43.6	54.0	90.0	46.4	36.0	37.4	40.7	54.0	90.0	49.3	36.0	45.0	37.8	54.0	90.0	52.2	36.0	51.7
43.5	54.0	90.0	46.5	36.0	37.6	40.6	54.0	90.0	49.4	36.0	45.2	37.7	54.0	90.0	52.3	36.0	51.9
43.4	54.0	90.0	46.6	36.0	37.9	40.5	54.0	90.0	49.5	36.0	45.5	37.6	54.0	90.0	52.4	36.0	52.2
43.3	54.0	90.0	46.7	36.0	38.2	40.4	54.0	90.0	49.6	36.0	45.7	37.5	54.0	90.0	52.5	36.0	52.4
43.2	54.0	90.0	46.8	36.0	38.5	40.3	54.0	90.0	49.7	36.0	45.9	37.4	54.0	90.0	52.6	36.0	52.6
43.1	54.0	90.0	46.9	36.0	38.7	40.2	54.0	90.0	49.8	36.0	46.2	37.3	54.0	90.0	52.7	36.0	52.8
43.0	54.0	90.0	47.0	36.0	39.0	40.1	54.0	90.0	49.9	36.0	46.4	37.2	54.0	90.0	52.8	36.0	53.0
42.9	54.0	90.0	47.1	36.0	39.3	40.0	54.0	90.0	50.0	36.0	46.7	37.1	54.0	90.0	52.9	36.0	53.2
42.8	54.0	90.0	47.2	36.0	39.5	39.9	54.0	90.0	50.1	36.0	46.9	37.0	54.0	90.0	53.0	36.0	53.5
42.7	54.0	90.0	47.3	36.0	39.8	39.8	54.0	90.0	50.2	36.0	47.1						

TABLE E - CITRUS JUICE CHART - CITRUS III (031)

To be used for Citrus III (031), when average pounds of juice after freeze is between 37.0 and 45.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
44.9	45.0	85.0	40.1	40.0	0.5	42.2	45.0	85.0	42.8	40.0	12.4	39.5	45.0	85.0	45.5	40.0	22.8
44.8	45.0	85.0	40.2	40.0	0.9	42.1	45.0	85.0	42.9	40.0	12.8	39.4	45.0	85.0	45.6	40.0	23.2
44.7	45.0	85.0	40.3	40.0	1.4	42.0	45.0	85.0	43.0	40.0	13.2	39.3	45.0	85.0	45.7	40.0	23.6
44.6	45.0	85.0	40.4	40.0	1.9	41.9	45.0	85.0	43.1	40.0	13.6	39.2	45.0	85.0	45.8	40.0	23.9
44.5	45.0	85.0	40.5	40.0	2.3	41.8	45.0	85.0	43.2	40.0	14.0	39.1	45.0	85.0	45.9	40.0	24.3
44.4	45.0	85.0	40.6	40.0	2.8	41.7	45.0	85.0	43.3	40.0	14.4	39.0	45.0	85.0	46.0	40.0	24.6
44.3	45.0	85.0	40.7	40.0	3.2	41.6	45.0	85.0	43.4	40.0	14.8	38.9	45.0	85.0	46.1	40.0	25.0
44.2	45.0	85.0	40.8	40.0	3.7	41.5	45.0	85.0	43.5	40.0	15.2	38.8	45.0	85.0	46.2	40.0	25.3
44.1	45.0	85.0	40.9	40.0	4.2	41.4	45.0	85.0	43.6	40.0	15.6	38.7	45.0	85.0	46.3	40.0	25.7
44.0	45.0	85.0	41.0	40.0	4.6	41.3	45.0	85.0	43.7	40.0	16.0	38.6	45.0	85.0	46.4	40.0	26.1
43.9	45.0	85.0	41.1	40.0	5.1	41.2	45.0	85.0	43.8	40.0	16.4	38.5	45.0	85.0	46.5	40.0	26.4
43.8	45.0	85.0	41.2	40.0	5.5	41.1	45.0	85.0	43.9	40.0	16.8	38.4	45.0	85.0	46.6	40.0	26.8
43.7	45.0	85.0	41.3	40.0	5.9	41.0	45.0	85.0	44.0	40.0	17.2	38.3	45.0	85.0	46.7	40.0	27.1
43.6	45.0	85.0	41.4	40.0	6.4	40.9	45.0	85.0	44.1	40.0	17.6	38.2	45.0	85.0	46.8	40.0	27.4
43.5	45.0	85.0	41.5	40.0	6.8	40.8	45.0	85.0	44.2	40.0	17.9	38.1	45.0	85.0	46.9	40.0	27.8
43.4	45.0	85.0	41.6	40.0	7.3	40.7	45.0	85.0	44.3	40.0	18.3	38.0	45.0	85.0	47.0	40.0	28.1
43.3	45.0	85.0	41.7	40.0	7.7	40.6	45.0	85.0	44.4	40.0	18.7	37.9	45.0	85.0	47.1	40.0	28.5
43.2	45.0	85.0	41.8	40.0	8.1	40.5	45.0	85.0	44.5	40.0	19.1	37.8	45.0	85.0	47.2	40.0	28.8
43.1	45.0	85.0	41.9	40.0	8.6	40.4	45.0	85.0	44.6	40.0	19.5	37.7	45.0	85.0	47.3	40.0	29.2
43.0	45.0	85.0	42.0	40.0	9.0	40.3	45.0	85.0	44.7	40.0	19.9	37.6	45.0	85.0	47.4	40.0	29.5
42.9	45.0	85.0	42.1	40.0	9.4	40.2	45.0	85.0	44.8	40.0	20.2	37.5	45.0	85.0	47.5	40.0	29.8
42.8	45.0	85.0	42.2	40.0	9.8	40.1	45.0	85.0	44.9	40.0	20.6	37.4	45.0	85.0	47.6	40.0	30.2
42.7	45.0	85.0	42.3	40.0	10.3	40.0	45.0	85.0	45.0	40.0	21.0	37.3	45.0	85.0	47.7	40.0	30.5
42.6	45.0	85.0	42.4	40.0	10.7	39.9	45.0	85.0	45.1	40.0	21.4	37.2	45.0	85.0	47.8	40.0	30.8
42.5	45.0	85.0	42.5	40.0	11.1	39.8	45.0	85.0	45.2	40.0	21.7	37.1	45.0	85.0	47.9	40.0	31.2
42.4	45.0	85.0	42.6	40.0	11.5	39.7	45.0	85.0	45.3	40.0	22.1	37.0	45.0	85.0	48.0	40.0	31.5
42.3	45.0	85.0	42.7	40.0	11.9	39.6	45.0	85.0	45.4	40.0	22.5						

TABLE F - CITRUS JUICE CHART - CITRUS VI (074) LIMES

To be used for Citrus VI (074) Limes , when average pounds of juice after freeze is between 29.2 and 43.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
42.9	43.0	88.0	45.1	45.0	0.5	40.6	43.0	88.0	47.4	45.0	10.4	38.3	43.0	88.0	49.7	45.0	19.4
42.8	43.0	88.0	45.2	45.0	0.9	40.5	43.0	88.0	47.5	45.0	10.8	38.2	43.0	88.0	49.8	45.0	19.7
42.7	43.0	88.0	45.3	45.0	1.4	40.4	43.0	88.0	47.6	45.0	11.2	38.1	43.0	88.0	49.9	45.0	20.1
42.6	43.0	88.0	45.4	45.0	1.8	40.3	43.0	88.0	47.7	45.0	11.6	38.0	43.0	88.0	50.0	45.0	20.5
42.5	43.0	88.0	45.5	45.0	2.2	40.2	43.0	88.0	47.8	45.0	12.0	37.9	43.0	88.0	50.1	45.0	20.8
42.4	43.0	88.0	45.6	45.0	2.7	40.1	43.0	88.0	47.9	45.0	12.4	37.8	43.0	88.0	50.2	45.0	21.2
42.3	43.0	88.0	45.7	45.0	3.1	40.0	43.0	88.0	48.0	45.0	12.8	37.7	43.0	88.0	50.3	45.0	21.6
42.2	43.0	88.0	45.8	45.0	3.6	39.9	43.0	88.0	48.1	45.0	13.2	37.6	43.0	88.0	50.4	45.0	21.9
42.1	43.0	88.0	45.9	45.0	4.0	39.8	43.0	88.0	48.2	45.0	13.6	37.5	43.0	88.0	50.5	45.0	22.3
42.0	43.0	88.0	46.0	45.0	4.4	39.7	43.0	88.0	48.3	45.0	14.0	37.4	43.0	88.0	50.6	45.0	22.6
41.9	43.0	88.0	46.1	45.0	4.9	39.6	43.0	88.0	48.4	45.0	14.4	37.3	43.0	88.0	50.7	45.0	23.0
41.8	43.0	88.0	46.2	45.0	5.3	39.5	43.0	88.0	48.5	45.0	14.8	37.2	43.0	88.0	50.8	45.0	23.4
41.7	43.0	88.0	46.3	45.0	5.7	39.4	43.0	88.0	48.6	45.0	15.2	37.1	43.0	88.0	50.9	45.0	23.7
41.6	43.0	88.0	46.4	45.0	6.2	39.3	43.0	88.0	48.7	45.0	15.5	37.0	43.0	88.0	51.0	45.0	24.1
41.5	43.0	88.0	46.5	45.0	6.6	39.2	43.0	88.0	48.8	45.0	15.9	36.9	43.0	88.0	51.1	45.0	24.4
41.4	43.0	88.0	46.6	45.0	7.0	39.1	43.0	88.0	48.9	45.0	16.3	36.8	43.0	88.0	51.2	45.0	24.8
41.3	43.0	88.0	46.7	45.0	7.4	39.0	43.0	88.0	49.0	45.0	16.7	36.7	43.0	88.0	51.3	45.0	25.1
41.2	43.0	88.0	46.8	45.0	7.9	38.9	43.0	88.0	49.1	45.0	17.1	36.6	43.0	88.0	51.4	45.0	25.5
41.1	43.0	88.0	46.9	45.0	8.3	38.8	43.0	88.0	49.2	45.0	17.5	36.5	43.0	88.0	51.5	45.0	25.8
41.0	43.0	88.0	47.0	45.0	8.7	38.7	43.0	88.0	49.3	45.0	17.8	36.4	43.0	88.0	51.6	45.0	26.2
40.9	43.0	88.0	47.1	45.0	9.1	38.6	43.0	88.0	49.4	45.0	18.2	36.3	43.0	88.0	51.7	45.0	26.5
40.8	43.0	88.0	47.2	45.0	9.5	38.5	43.0	88.0	49.5	45.0	18.6	36.2	43.0	88.0	51.8	45.0	26.9
40.7	43.0	88.0	47.3	45.0	10.0	38.4	43.0	88.0	49.6	45.0	19.0	36.1	43.0	88.0	51.9	45.0	27.2

(Page 1 of 2, **Citrus VI (074) Limes**)

TABLE F - CITRUS JUICE CHART - CITRUS VI (074) LIMES (continued)

To be used for Citrus VI (074) Limes , when average pounds of juice after freeze is between 29.2 and 43.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
36.0	43.0	88.0	52.0	45.0	27.5	33.7	43.0	88.0	54.3	45.0	35.1	31.4	43.0	88.0	56.6	45.0	41.9
35.9	43.0	88.0	52.1	45.0	27.9	33.6	43.0	88.0	54.4	45.0	35.4	31.3	43.0	88.0	56.7	45.0	42.2
35.8	43.0	88.0	52.2	45.0	28.2	33.5	43.0	88.0	54.5	45.0	35.7	31.2	43.0	88.0	56.8	45.0	42.5
35.7	43.0	88.0	52.3	45.0	28.6	33.4	43.0	88.0	54.6	45.0	36.0	31.1	43.0	88.0	56.9	45.0	42.8
35.6	43.0	88.0	52.4	45.0	28.9	33.3	43.0	88.0	54.7	45.0	36.3	31.0	43.0	88.0	57.0	45.0	43.1
35.5	43.0	88.0	52.5	45.0	29.2	33.2	43.0	88.0	54.8	45.0	36.6	30.9	43.0	88.0	57.1	45.0	43.4
35.4	43.0	88.0	52.6	45.0	29.6	33.1	43.0	88.0	54.9	45.0	36.9	30.8	43.0	88.0	57.2	45.0	43.6
35.3	43.0	88.0	52.7	45.0	29.9	33.0	43.0	88.0	55.0	45.0	37.2	30.7	43.0	88.0	57.3	45.0	43.9
35.2	43.0	88.0	52.8	45.0	30.2	32.9	43.0	88.0	55.1	45.0	37.5	30.6	43.0	88.0	57.4	45.0	44.2
35.1	43.0	88.0	52.9	45.0	30.6	32.8	43.0	88.0	55.2	45.0	37.8	30.5	43.0	88.0	57.5	45.0	44.5
35.0	43.0	88.0	53.0	45.0	30.9	32.7	43.0	88.0	55.3	45.0	38.1	30.4	43.0	88.0	57.6	45.0	44.8
34.9	43.0	88.0	53.1	45.0	31.2	32.6	43.0	88.0	55.4	45.0	38.4	30.3	43.0	88.0	57.7	45.0	45.0
34.8	43.0	88.0	53.2	45.0	31.5	32.5	43.0	88.0	55.5	45.0	38.7	30.2	43.0	88.0	57.8	45.0	45.3
34.7	43.0	88.0	53.3	45.0	31.9	32.4	43.0	88.0	55.6	45.0	39.0	30.1	43.0	88.0	57.9	45.0	45.6
34.6	43.0	88.0	53.4	45.0	32.2	32.3	43.0	88.0	55.7	45.0	39.3	30.0	43.0	88.0	58.0	45.0	45.9
34.5	43.0	88.0	53.5	45.0	32.5	32.2	43.0	88.0	55.8	45.0	39.6	29.9	43.0	88.0	58.1	45.0	46.1
34.4	43.0	88.0	53.6	45.0	32.8	32.1	43.0	88.0	55.9	45.0	39.9	29.8	43.0	88.0	58.2	45.0	46.4
34.3	43.0	88.0	53.7	45.0	33.2	32.0	43.0	88.0	56.0	45.0	40.2	29.7	43.0	88.0	58.3	45.0	46.7
34.2	43.0	88.0	53.8	45.0	33.5	31.9	43.0	88.0	56.1	45.0	40.5	29.6	43.0	88.0	58.4	45.0	47.0
34.1	43.0	88.0	53.9	45.0	33.8	31.8	43.0	88.0	56.2	45.0	40.8	29.5	43.0	88.0	58.5	45.0	47.2
34.0	43.0	88.0	54.0	45.0	34.1	31.7	43.0	88.0	56.3	45.0	41.1	29.4	43.0	88.0	58.6	45.0	47.5
33.9	43.0	88.0	54.1	45.0	34.4	31.6	43.0	88.0	56.4	45.0	41.4	29.3	43.0	88.0	58.7	45.0	47.8
33.8	43.0	88.0	54.2	45.0	34.7	31.5	43.0	88.0	56.5	45.0	41.7	29.2	43.0	88.0	58.8	45.0	48.0

(Page 2 of 2, Citrus VI (074) Limes)

TABLE G - CITRUS JUICE CHART - CITRUS VI (073) LEMONS

To be used for Citrus VI (073) Lemons , when average pounds of juice after freeze is between 29.2 and 43.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
42.9	43.0	90.0	47.1	47.0	0.4	40.6	43.0	90.0	49.4	47.0	10.2	38.3	43.0	90.0	51.7	47.0	19.0
42.8	43.0	90.0	47.2	47.0	0.9	40.5	43.0	90.0	49.5	47.0	10.6	38.2	43.0	90.0	51.8	47.0	19.4
42.7	43.0	90.0	47.3	47.0	1.3	40.4	43.0	90.0	49.6	47.0	11.0	38.1	43.0	90.0	51.9	47.0	19.8
42.6	43.0	90.0	47.4	47.0	1.8	40.3	43.0	90.0	49.7	47.0	11.4	38.0	43.0	90.0	52.0	47.0	20.1
42.5	43.0	90.0	47.5	47.0	2.2	40.2	43.0	90.0	49.8	47.0	11.8	37.9	43.0	90.0	52.1	47.0	20.5
42.4	43.0	90.0	47.6	47.0	2.6	40.1	43.0	90.0	49.9	47.0	12.2	37.8	43.0	90.0	52.2	47.0	20.9
42.3	43.0	90.0	47.7	47.0	3.1	40.0	43.0	90.0	50.0	47.0	12.6	37.7	43.0	90.0	52.3	47.0	21.2
42.2	43.0	90.0	47.8	47.0	3.5	39.9	43.0	90.0	50.1	47.0	13.0	37.6	43.0	90.0	52.4	47.0	21.6
42.1	43.0	90.0	47.9	47.0	3.9	39.8	43.0	90.0	50.2	47.0	13.3	37.5	43.0	90.0	52.5	47.0	21.9
42.0	43.0	90.0	48.0	47.0	4.4	39.7	43.0	90.0	50.3	47.0	13.7	37.4	43.0	90.0	52.6	47.0	22.3
41.9	43.0	90.0	48.1	47.0	4.8	39.6	43.0	90.0	50.4	47.0	14.1	37.3	43.0	90.0	52.7	47.0	22.6
41.8	43.0	90.0	48.2	47.0	5.2	39.5	43.0	90.0	50.5	47.0	14.5	37.2	43.0	90.0	52.8	47.0	23.0
41.7	43.0	90.0	48.3	47.0	5.6	39.4	43.0	90.0	50.6	47.0	14.9	37.1	43.0	90.0	52.9	47.0	23.3
41.6	43.0	90.0	48.4	47.0	6.1	39.3	43.0	90.0	50.7	47.0	15.3	37.0	43.0	90.0	53.0	47.0	23.7
41.5	43.0	90.0	48.5	47.0	6.5	39.2	43.0	90.0	50.8	47.0	15.7	36.9	43.0	90.0	53.1	47.0	24.0
41.4	43.0	90.0	48.6	47.0	6.9	39.1	43.0	90.0	50.9	47.0	16.0	36.8	43.0	90.0	53.2	47.0	24.4
41.3	43.0	90.0	48.7	47.0	7.3	39.0	43.0	90.0	51.0	47.0	16.4	36.7	43.0	90.0	53.3	47.0	24.7
41.2	43.0	90.0	48.8	47.0	7.7	38.9	43.0	90.0	51.1	47.0	16.8	36.6	43.0	90.0	53.4	47.0	25.1
41.1	43.0	90.0	48.9	47.0	8.1	38.8	43.0	90.0	51.2	47.0	17.2	36.5	43.0	90.0	53.5	47.0	25.4
41.0	43.0	90.0	49.0	47.0	8.5	38.7	43.0	90.0	51.3	47.0	17.5	36.4	43.0	90.0	53.6	47.0	25.8
40.9	43.0	90.0	49.1	47.0	9.0	38.6	43.0	90.0	51.4	47.0	17.9	36.3	43.0	90.0	53.7	47.0	26.1
40.8	43.0	90.0	49.2	47.0	9.4	38.5	43.0	90.0	51.5	47.0	18.3	36.2	43.0	90.0	53.8	47.0	26.5
40.7	43.0	90.0	49.3	47.0	9.8	38.4	43.0	90.0	51.6	47.0	18.7	36.1	43.0	90.0	53.9	47.0	26.8

(Page 1 of 2, **Citrus VI (073) Lemons**)

TABLE G - CITRUS JUICE CHART - CITRUS VI (073) LEMONS (continued)

To be used for Citrus VI (073) Lemons , when average pounds of juice after freeze is between 29.2 and 43.0 pounds.																	
Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE	Avg. Lbs. Jce/Bx (After)	Juice Base Lbs/Bx	Off. Wgt. Lbs/Bx	Post Fctr. (F-D)	Pre Fctr. (F-E)	% Damage G-HxFx100 GxE
D	E	F	G	H	I	D	E	F	G	H	I	D	E	F	G	H	I
36.0	43.0	90.0	54.0	47.0	27.1	33.7	43.0	90.0	56.3	47.0	34.6	31.4	43.0	90.0	58.6	47.0	41.4
35.9	43.0	90.0	54.1	47.0	27.5	33.6	43.0	90.0	56.4	47.0	34.9	31.3	43.0	90.0	58.7	47.0	41.7
35.8	43.0	90.0	54.2	47.0	27.8	33.5	43.0	90.0	56.5	47.0	35.2	31.2	43.0	90.0	58.8	47.0	42.0
35.7	43.0	90.0	54.3	47.0	28.1	33.4	43.0	90.0	56.6	47.0	35.5	31.1	43.0	90.0	58.9	47.0	42.3
35.6	43.0	90.0	54.4	47.0	28.5	33.3	43.0	90.0	56.7	47.0	35.8	31.0	43.0	90.0	59.0	47.0	42.6
35.5	43.0	90.0	54.5	47.0	28.8	33.2	43.0	90.0	56.8	47.0	36.1	30.9	43.0	90.0	59.1	47.0	42.9
35.4	43.0	90.0	54.6	47.0	29.1	33.1	43.0	90.0	56.9	47.0	36.4	30.8	43.0	90.0	59.2	47.0	43.1
35.3	43.0	90.0	54.7	47.0	29.5	33.0	43.0	90.0	57.0	47.0	36.7	30.7	43.0	90.0	59.3	47.0	43.4
35.2	43.0	90.0	54.8	47.0	29.8	32.9	43.0	90.0	57.1	47.0	37.0	30.6	43.0	90.0	59.4	47.0	43.7
35.1	43.0	90.0	54.9	47.0	30.1	32.8	43.0	90.0	57.2	47.0	37.3	30.5	43.0	90.0	59.5	47.0	44.0
35.0	43.0	90.0	55.0	47.0	30.4	32.7	43.0	90.0	57.3	47.0	37.6	30.4	43.0	90.0	59.6	47.0	44.2
34.9	43.0	90.0	55.1	47.0	30.8	32.6	43.0	90.0	57.4	47.0	37.9	30.3	43.0	90.0	59.7	47.0	44.5
34.8	43.0	90.0	55.2	47.0	31.1	32.5	43.0	90.0	57.5	47.0	38.2	30.2	43.0	90.0	59.8	47.0	44.8
34.7	43.0	90.0	55.3	47.0	31.4	32.4	43.0	90.0	57.6	47.0	38.5	30.1	43.0	90.0	59.9	47.0	45.1
34.6	43.0	90.0	55.4	47.0	31.7	32.3	43.0	90.0	57.7	47.0	38.8	30.0	43.0	90.0	60.0	47.0	45.3
34.5	43.0	90.0	55.5	47.0	32.1	32.2	43.0	90.0	57.8	47.0	39.1	29.9	43.0	90.0	60.1	47.0	45.6
34.4	43.0	90.0	55.6	47.0	32.4	32.1	43.0	90.0	57.9	47.0	39.4	29.8	43.0	90.0	60.2	47.0	45.9
34.3	43.0	90.0	55.7	47.0	32.7	32.0	43.0	90.0	58.0	47.0	39.7	29.7	43.0	90.0	60.3	47.0	46.2
34.2	43.0	90.0	55.8	47.0	33.0	31.9	43.0	90.0	58.1	47.0	40.0	29.6	43.0	90.0	60.4	47.0	46.4
34.1	43.0	90.0	55.9	47.0	33.3	31.8	43.0	90.0	58.2	47.0	40.3	29.5	43.0	90.0	60.5	47.0	46.7
34.0	43.0	90.0	56.0	47.0	33.6	31.7	43.0	90.0	58.3	47.0	40.6	29.4	43.0	90.0	60.6	47.0	47.0
33.9	43.0	90.0	56.1	47.0	34.0	31.6	43.0	90.0	58.4	47.0	40.9	29.3	43.0	90.0	60.7	47.0	47.2
33.8	43.0	90.0	56.2	47.0	34.3	31.5	43.0	90.0	58.5	47.0	41.1	29.2	43.0	90.0	60.8	47.0	47.5

(Page 2 of 2, **Citrus VI (073) Lemons**)