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Federal Crop
Insurance
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Development
Division

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CALIFORNIA AVOCADO PILOT LOSS ADJUSTMENT STANDARDS HANDBOOK

2001 and Succeeding Crop Years

UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

FEDERAL CROP INSURANCE HANDBOOK		NUMBER: 25610
SUBJECT: CALIFORNIA AVOCADO LOSS ADJUSTMENT STANDARDS HANDBOOK 2001 AND SUCCEEDING CROP YEARS	DATE: December 14, 1999	
	OPI: Product Development Division	
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THIS HANDBOOK CONTAINS THE OFFICIAL FCIC-APPROVED LOSS ADJUSTMENT STANDARDS FOR THIS CROP FOR THE 2001 AND SUCCEEDING CROP YEARS. IN THE ABSENCE OF INDUSTRY-DEVELOPED, FCIC-APPROVED PROCEDURE FOR THIS CROP FOR 2001 AND SUCCEEDING CROP YEARS, ALL REINSURED COMPANIES WILL UTILIZE THESE STANDARDS FOR BOTH LOSS ADJUSTMENT AND LOSS TRAINING.

SUMMARY OF CHANGES/CONTROL CHART

Major Changes: See changes or additions in text which have been **redlined**. Three stars (***) identify information that has been removed.

1. Changes for December 1999 Issuance (FCIC-25610):

- A. The California Avocado Loss Adjustment Handbook has been converted to a "Standard" format.
- B. All references to the FCI-74 Field Inspection and Claim for Indemnity, instructions for completion have been removed, and replaced with instructions for a production worksheet which resembles the claim form currently used by the insurance provider.
- C. Included instructions to be followed when gleaning was carried out.

CALIFORNIA AVOCADO LOSS ADJUSTMENT STANDARDS HANDBOOK

SUMMARY OF CHANGES/CONTROL CHART (Continued)

Control Chart For: California Avocado Loss Adjustment Standards Handbook						
	SC Page(s)	TC Page(s)	Text Page(s)	Reference Material	Date	Directive Number
Remove	Entire Handbook					
Current Index	1-4	1-2	1-26	27-37	12-1999	FCIC-25610

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1. INTRODUCTION

This handbook identifies the crop-specific procedural requirements for adjusting Multiple Peril Crop Insurance (MPCI) losses in a uniform and timely manner. These procedures, which include crop appraisal methods and claims completion instructions, supplement the general (not crop-specific) procedures, forms, and manuals for loss adjustment identified in the Loss Adjustment Manual (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This handbook remains in effect until superseded by reissuance of **either** the entire handbook **or** selected portions (through slipsheets or bulletins).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

The following is the minimum distribution of forms completed by the adjuster for the loss adjustment inspection:

One legible copy to insured. The original and all remaining copies as instructed by the insurance provider.

NOTE: It is the insurance provider'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 that are **general** (not crop specific) to loss adjustment are identified in the LAM.
- (2) Terms, abbreviations, and definitions **specific** to California avocado loss adjustment and this handbook, which are not defined in this section, are defined as they appear in the text.
- (3) Abbreviation(s):

BCCR	Barclay's California Code of Regulations
CAC	California Avocado Commission
C DFA	California Department of Food and Agriculture
SSAP	Standardized Season Average Price

(4) Definition(s):

Amount Of Insurance Per Acre	An amount determined by multiplying the approved average revenue per acre by the coverage level percentage the insured elects.
Crop Year	The period beginning December 1 of the calendar year prior to the year in which the avocado trees normally bloom and extending through November of the year following such bloom, and will be designated by the calendar year following the year in which avocado trees normally bloom (TABLE D).
Direct Marketing	Sale of the insured crop directly to consumers without the intervention of an intermediary such as a wholesaler, retailer, processor, shipper, or buyer. Examples of direct marketing include selling through an on-farm or roadside stand, farmer's market, and permitting the general public to enter the groves for the purpose of picking all or a portion of the crop.
Harvest	Harvest is the picking of the avocados from the trees or ground by hand or machine.
Loss Of Revenue	An insurable cause of loss that occurs when the standardized season average price per pound causes the farm revenue to drop below the amount of insurance.
Marketing Year	The period from November 1 of a calendar year through October 31 of the succeeding calendar year and designated by the succeeding calendar year.
Set Out	Transplanting an avocado tree into the grove.
Standardized Season Average Price	The average price per pound determined by dividing the value of all 'Hass' avocados in the state by the pounds of 'Hass' avocados produced in the state for a marketing year, as reported by the California Avocado Commission and may be adjusted by FCIC to state prices based on current dollar values.
Stump(ing)	Reducing trees to a height of 4 to 6 feet by removing all branches and foliage.

3. INSURANCE CONTRACT INFORMATION

The insurance provider 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

- (1) The crop insured, will be all commercially-grown avocados in the county for which a premium rate is provided by the actuarial documents:
 - (a) In which the insured has a share;
 - (b) That are grown for harvest as avocados.
 - (c) That are irrigated.
 - (d) That are grown on trees that, if inspected, are considered acceptable by the insurance provider.
 - (e) Avocado trees must have reached the sixth growing season after being set out. The insurance provider may agree in writing to insure avocados on acreage that has not reached this age if acreage has produced at least 2,000 pounds of avocados per acre.
- (2) Avocado trees interplanted with another perennial crop are insurable, unless the insurance provider inspects the acreage and determines it does not meet the insurability requirements contained in the crop provisions.

B. PROVISIONS NOT APPLICABLE TO CAT COVERAGE

- (1) Optional units.
- (2) Written Agreements.
- (3) Hail and Fire Exclusion provisions (also not applicable to limited coverage).

C. UNIT DIVISION

See the insurance contract for unit provisions. **NOTE:** 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.

4. CALIFORNIA AVOCADO APPRAISALS

A. GENERAL INFORMATION

- (1) These procedures apply when appraising potential production of avocados on the ground under the sample trees.

NOTE: Avocado trees are generally harvested more than once to remove a single crop; it may not be necessary to appraise fruit on the tree unless the insured does not intend to pick any more of the crop. Avocados on the tree will most likely be eventually marketed. Fruit on the ground under the trees is probably not marketable unless it is picked up soon after

falling. According to Barclay's California Code of Regulations for Avocados (see **EXHIBIT 1**) in the section titled "Reference Material"), windfall fruit must be picked up within five days of falling and can be marketed two sizes below the smallest size released for harvest.

- (2) The adjuster will determine which appraisal method to use depending upon grove conditions at loss appraisal time.
- (3) Make separate appraisals for each variety of insurable avocados grown in the grove.
- (4) To help prevent the spread of the most serious disease (Avocado Root Rot) affecting avocados, the following precautions should be adhered to when appraising avocados:
 - (a) Carry a spray bottle of alcohol to disinfect bottom of shoes.
 - (b) Enter with a clean vehicle (free of mud) and be careful not to stir up dust when driving.
 - (c) Ladders, boxes, bins, etc., should be free of mud before entering the orchard.
- (5) In addition to circumstances specified in the LAM, avocado appraisals are to be made:
 - (a) When the insured chooses not to harvest acreage, or
 - (b) When mature production remains after final harvest, or
 - (c) When mature production remains on the tree when stumped or removed.
- (6) Growers will normally harvest mature avocados prior to stumping; therefore, appraisals are generally not needed. The stumping process will remove the crop that would have been harvested the following year. This change in practice is addressed in the Crop Provisions and the actuarial documents.

B. SELECTING REPRESENTATIVE SAMPLES FOR APPRAISALS

Determine the number and general location of trees to be used in the representative sample based on:

- (1) Total acreage and number of trees;
- (2) Extent of variation in the amount of production or damage within the acreage and location of the fruit on the tree;

NOTE: When variable damage causes the crop potential to be significantly different within the same grove, or when the insured wishes to destroy or stump a portion of the grove, split the grove into subgroves, and appraise each one separately.

- (3) Percent of each insurable variety in the acreage;
- (4) Tree age, size, density and vigor;
- (5) The acreage in the unit from which fruit has been picked and the extent of variation in the amount of unpicked fruit on the trees; and
- (6) Whether or not any areas have been color (partially) picked.
- (7) Use as many samples as necessary to accurately determine potential production. Minimum sample requirements are shown in **TABLE A**.

C. GROWTH STAGES

Growth stages do not apply to avocado appraisals, but crop years are very important and must be designated. For unharvested or harvested avocados, use the appropriate appraisal method in the “Avocado Appraisals” section as applicable.

5. APPRAISAL METHODS

A. GENERAL INFORMATION

These instructions provide information on appraisals methods for:

Appraisal Method...	Use...
Harvested Appraisal Method	when no acreage on the unit has been harvested or when harvested acreage can be verified to be representative of unharvested acreage.
Fruit Count Appraisal Method	when the trees have not been harvested and there is damage due to insured causes.

B. HARVESTED APPRAISAL METHODS

- (1) **Harvested sample from representative trees.** If no acreage on the unit has been harvested, arrange with the insured to harvest avocados on the ground under and on representative trees. Use the production from the representative trees to determine the appraisal.
- (2) **Applying harvested acreage yield to unharvested acreage.** Use this method only when harvested acreage can be verified to be representative of unharvested acreage. Verify acreages by actually inspecting the harvested and unharvested acreage to compare the crop on the ground and on the trees. Document such inspections in the narrative section of the claim form or on a special report.

C. FRUIT COUNT APPRAISALS

- (1) Appraise each variety as a separate sample.
- (2) Select representative sample trees for fruit counts.
- (3) Count all avocados (as defined by Barclay's California Code of Regulations in **EXHIBIT 1**) and avocados lost due to uninsured causes on the ground under the sample tree.
- (4) Record all fruit counts on the appraisal worksheet.
- (5) Convert fruit counts from sample trees to pounds of appraised production for the unit.

6. APPRAISAL DEVIATIONS AND MODIFICATIONS

A. DEVIATIONS

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

B. MODIFICATIONS

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

7. APPRAISAL WORKSHEET ENTRIES AND COMPLETION PROCEDURES

A. GENERAL INFORMATION

- (1) Include the insurance provider's name in the appraisal worksheet title if not preprinted on the insurance provider's worksheet or when a worksheet entry is not provided.
- (2) Include the claim number on the appraisal worksheet (when required by the insurance provider) when a worksheet entry is not provided.
- (3) Separate appraisal worksheets are required for each unit or plot inspected. Refer to section 4 for sampling instructions.

NOTE: Standard appraisal worksheet items are numbered consecutively in subsection B. An example appraisal worksheet is also provided to illustrate how to complete entries.

B. WORKSHEET ENTRIES AND COMPLETION INFORMATION

Verify or make the following entries:

Item

No.

Information Required

Company Name: Name of insurance provider, if not preprinted on the worksheet.
(Company Name)

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.:** Claim number as assigned by the insurance provider.
4. **Unit No.:** Five-digit unit number from the Summary of Coverage after it is verified to be correct. (e.g., 00100).
5. **Crop:** "Avocados" (0019)
6. **Crop Year:** Crop year, as defined in the policy, for which the claim has been filed.
7. **Cause of Damage:** Name of insured cause 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."
8. **Date of Damage:** First three letters of the month during which MOST of the insured damage (including progressive damage) occurred. Include the SPECIFIC DATE where applicable, as in the case of hail damage (e.g., AUG 11).
9. **Appraised Acres:** Number of acres being appraised, rounded to tenths.
10. **Grove ID:** Grove identification symbol.
11. **Variety:** Variety name(s) of trees in the unit or plot.
12. **Plot Acres:** Number of determined acres to tenths in grove, subgrove or plot being appraised.
13. **Lbs. of Avocados Per Sample Tree:** Number of pounds of avocados from the ground under the sample tree, and on the sample tree, rounded to tenths.

NOTE: Avocados must meet CDFA grade standards.

14. **Total Lbs. Avocados:** Total pounds of avocados from sample trees (result in pounds to tenths).
15. **No. of Samples:** The number of trees for each variety sampled.
16. **Lbs./Tree:** Item 14, "Total Lbs. Avocados" divided by item 15, "No. Of Samples," results in pounds to tenths.
17. **Trees Per Acre:** Number of bearing trees per acre. See **TABLE C**.
18. **Gross Lbs./Acres:** Item 16, "Lbs./Tree" times item 17 "Trees Per Acre," result in whole pounds.
19. **% Acres/Variety:** Item 12, "Plot Acres" divided by item 9, "Appraised Acres," results to two decimal places.
20. **Lbs./Acre:** Item 18, "Gross LBS/Acres" times item 19, "% Acres/Variety," results in whole pounds.
21. **Total Appraisal (Lbs.):** Total of all item 20 "Lbs/Acre" entries, results in whole pounds.
22. **Remarks:** Enter any additional information pertinent to the unit appraisal, (i.e. - tree spacing, etc.).
23. **Insured's Signature and Date:** Insured's (or insured's authorized representative's) signature and date. BEFORE obtaining insured's signature, REVIEW ALL ENTRIES on the Appraisal Worksheet WITH THE INSURED, particularly explaining codes, etc., which may not be readily understood.
24. **Adjuster's Code Number, Signature, and Date:** Code Number, signature of adjuster, 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.

Page numbers: Page number. (Page 1 or 1, Page 1 of 2, Page 2 of 2, etc.).

COMPANY NAME: Any Company

FOR ILLUSTRATION PURPOSES ONLY CALIFORNIA AVOCADO APPRAISAL WORKSHEET			1. INSURED'S NAME I.M. Insured				2. POLICY NO. XXXXXXX				3. CLAIM NO. XXXXXXXX				
			4. UNIT NO. 00100				5. CROP Avocados (0019)				6. CROP YEAR YYYY				
			7. CAUSE OF DAMAGE Wind				8. DATE OF DAMAGE May				9. APPRAISED ACRES 15.0				
GROVE ID. 10.	VARIETY 11.	PLOT ACRES 12.	LBS. OF AVOCADOS PER SAMPLE TREE 13.				TOTAL LBS. AVOCADOS 14.	NO. OF SAMPLES 15.	LBS./TREE 16.	TREES/ACRE 17.	GROSS LBS./ACRE 18.	% ACRES/VARIETY 19.	LBS./ACRE 20.		
A-1	HASS	5.0	10.0	8.9	9.4	10.1	64.2	7	9.2	145	1334	.33	440		
			9.4	9.0	7.4										
A-2	HASS	5.0	8.7	10.2	9.4	6.4	55.9	7	8.0	145	1160	.33	383		
			5.9	8.1	7.2										
A-3	HASS	5.0	12.0	9.4	8.8	11.2	64.3	7	9.2	145	1334	.33	440		
			9.4	7.2	6.3										
											21. TOTAL APPRAISAL (LBS.)		1263		
22. REMARKS Tree spacing in the grove - 15' X 20'															
23. INSURED'S SIGNATURE I.M. Insured					DATE MM/DD/YYYY		24. CODE NUMBER XXXXX		ADJUSTER'S SIGNATURE I.M. Adjuster					DATE MM/DD/YYYY	

C. SUMMARY OF HARVESTED PRODUCTION WORKSHEET ENTRIES AND COMPLETION INSTRUCTIONS

- (1) The Summary of Harvested Avocado Production Worksheet will be referred to as the summary worksheet, herein.
- (2) The summary worksheet contains the required items and information for documenting the value of harvested avocado production.
- (3) Separate summary worksheets are required for:
 - (a) Each unit,
 - (b) Each processor/packer receiving production,
 - (c) Unsold production, and
 - (d) Production sold at roadside stands.
- (4) California Avocado Commission (CAC) forms provide documentation of harvested production needed to complete item entries on the summary worksheet. Acceptable forms include:
 - (a) Assessment Reports,
 - (b) Pool Grade Report and Statements,
 - (c) Grower Packout Statements,
 - (d) Grower Statements,
 - (e) Processor/Packer Load Delivery Receipts, and/or
 - (f) Other forms that contain CAC harvested production information and are acceptable to the insurance provider.

Verify or make the following entries:

**Item
No.**

Information Required

Company Name: Name of insurance provider, if not preprinted on the worksheet. (Company Name)

1. **Insured's Name:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
2. **Variety:** Variety name(s) of trees in the unit or plot.
3. **Crop Year:** Crop year, as defined in the policy, for which the claim has been filed.
4. **Policy No.:** Insured's assigned policy number.
5. **Claim No.:** Claim number assigned by the insurance provider.

6. **Unit No.:** Five-digit unit number from the Summary of Coverage after it is verified to correct. (e.g., 00100).
7. **Appraised Acres:** Appraised acres, rounded to tenths.
8. **Name, Address and Phone Number of Processor/Packer:** Name, address, and telephone number of the processor/packer from the harvested production form.
9. **Date Received:** Date (e.g. MM/DD/YYYY) bins are received by the processor/packer. This should be the same date on the harvested production form.
10. **Receipt Number:** Applicable number from the harvested production form.
11. **Pounds Harvested Fruit:** Whole pounds of harvested fruit from the harvested production form.
12. **Crop Year's Season Average Price:** The Standardized Season Average Price per pound (to two decimal places) as provided by the CAC and announced by FCIC.
13. **Line Harvested Value:** Item 11 "Pounds Harvested Fruit" times item 12 "Standardized Season Average Price," results to two decimal places.
14. **Total Harvested Pounds Fruit:** Total of item 11, "Pounds Harvested Fruit" entries, in whole pounds.
15. **Total Harvested Value:** Total of item 13, "Line Harvested Value," entries, results to two decimal places.
16. **Remarks:** Enter pertinent information about any delivered harvested production.
17. **Insured's Signature and Date:** Insured's (or insured's authorized representative's) signature and date. BEFORE obtaining insured's signature, REVIEW ALL ENTRIES on the Appraisal Worksheet WITH THE INSURED, particularly explaining codes, etc., which may not be readily understood.
18. **Adjuster's Code Number, Signature, and Date:** Code Number, signature of adjuster, and date signed **after** the insured (or insured's authorized representative) has signed.
19. **Page Number:** Page numbers (Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

Company Name: Any Company

FOR ILLUSTRATION PURPOSES ONLY

**SUMMARY OF HARVESTED
AVOCADO PRODUCTION
WORKSHEET**

1. INSURED'S NAME I.M. Insured		2. VARIETY Hass	3. CROP YEAR YYYY
4. POLICY NO. XXXXXXXX	5. CLAIM NO. XXXXXXXX	6. UNIT NO. 00100	7. APPRAISED ACRES 5.0
8. NAME, ADDRESS, AND PHONE NUMBER OF PROCESSOR/PACKER AAA Processors 110 Main Anytown, ST (XXX) XXX-XXXX			

DATE RECEIVED 9. MM/DD/YYYY	RECEIPT NUMBER 10. 01234	POUNDS HARVESTED FRUIT 11. 3675	CROP YEAR'S SEASON AVERAGE PRICE 12. .90	LINE HARVESTED VALUE (11 X 12) 13. 3307.50
MM/DD/YYYY	01234	3675	.90	3307.50
MM/DD/YYYY	02468	4550	.90	4095.00
MM/DD/YYYY	12468	4025	.90	3622.50
MM/DD/YYYY	12512	4200	.90	3780.00
MM/DD/YYYY	24151	3500	.90	3150.00
MM/DD/YYYY	27134	4025	.90	3622.50
	14. TOTAL HARVESTED POUNDS FRUIT	23975	15. TOTAL HARVESTED VALUE	21577.50

16. REMARKS

17. INSURED'S SIGNATURE I.M. Insured	DATE MM/DD/YYYY	18. CODE NUMBER XXXXXX	ADJUSTER'S SIGNATURE I.M. Adjuster	DATE MM/DD/YYYY
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8. CLAIM FORM ENTRIES AND COMPLETION PROCEDURES

A. GENERAL INFORMATION

- (1) The claim form (hereafter referred to as "Production Worksheet") is a progressive form containing all notices of damage for all preliminary 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 uninsured causes of loss, unusual situations, controversial claims, concealment, or misrepresentation.
 - (d) Claims involving a Certification Form (when all the acreage on the unit has been appraised to be put to another use or other reasons described in the LAM).
 - (e) "No Indemnity Due" claims (which must be verified by an APPRAISAL or NOTIFICATION from the insured that the production exceeded the guarantee).
- (4) The adjuster is responsible for determining if any of the insured's requirements under the notice and claim provisions of the policy have not been met. If any have not, the adjuster should contact the insurance provider.
- (5) If notice of damage was given, an inspection is necessary to verify the amount of damage and that passing grade fruit has been picked up and delivered to the packer. The insured's signature is required.
- (6) Instructions labeled "**PRELIMINARY**" apply to preliminary inspections only. Instructions labeled "**FINAL**" apply to final inspections only. Instructions not labeled apply to ALL inspections.

B. FORM ENTRIES AND COMPLETION INFORMATION

Verify or make the following entries:

Item

No.

Information Required

1. **Crop/Code #:** "Avocados" (0019).

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 legal 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 hail damage (e.g., AUG 11).
5. **Cause of Damage:** Name of insured cause 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."

NOTE: See the Basic Provisions and the crop provisions for this crop 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 the company 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 insurance provider.
10. **Policy #:** Insured's assigned policy number.
11. **Crop Year:** 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.

NOTE: 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:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Estimated yield per acre, in whole pounds, of all non-loss units for the crop at the time of final inspection.

14. **Date(s) of Loss:**

PRELIMINARY:

- a. Date the notice of damage was given for the unit in item 2.
- b. A third preliminary inspection (if needed) requires an additional set of Production Worksheets. Enter the date of notice for a third preliminary inspection in the 1st space of item 14 on the second set.
- 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 insurance provider, enter "Company Insp" instead of the date.

FINAL: Transfer the last date in the 1st or 2nd space to the FINAL space if a final inspection should be made as a result of the notice. Always enter the complete date of notice (month, day, year) 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 Policies:**

- a. If no other person has a share in the unit (insured has 100 percent share), MAKE NO ENTRY.
- b. In all cases where the insured has LESS than a 100 percent share of a loss-affected unit, ask the insured if the OTHER person sharing in the unit has a multiple-peril crop insurance contract (i.e., not crop-hail, fire, etc.). If the other person does not, enter "NONE."
 - (1) If the other person has a multiple-peril crop insurance contract and it can be determined that the SAME insurance provider services it, enter the contract number. Handle these companion policies according to insurance provider instructions.
 - (2) If the OTHER person has a multiple-peril crop insurance contract and a DIFFERENT insurance provider or agent services it, enter the name of the insurance provider and/or agent (and contract number) if known.
 - (3) If unable to verify the existence of a companion contract, enter "Unknown" and contact the insurance provider for further instructions.

NOTE: See the LAM for further information regarding companion contracts.

SECTION I - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

Make separate line entries for varying:

- (1) Rate classes, types, or farming practices;
- (2) APH yields;
- (3) Appraisals;
- (4) Stages or intended use(s) of acreage;
- (5) Shares (e.g., 50 percent and 75 percent shares on the same unit); or
- (6) Appraisals for damage due to hail or fire if Hail and Fire Exclusion is in effect.

Verify or make the following entries:

Item

No.

Information Required

A. **Field ID:** The field identification symbol from a sketch map or an aerial photo. See the narrative. In the margin (or in a separate column), enter the date of inspection for the last line entry of each inspection.

B. **Preliminary Acres:**

PRELIMINARY: The number of acres, to tenths, (include "E" if estimated), for which consent for other use has been given. Determine actual acreage, to tenths, when the boundaries of the appraised acreage may not be determined later.

FINAL: MAKE NO ENTRY.

C. **Final Acres:** See the LAM for definition of acceptable determined acres used herein.

Determined acres to tenths (include "E" if estimated) for which consent is given for other use and/or:

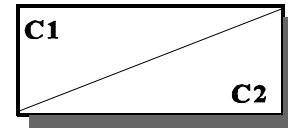
- a. Put to other use without consent.
- b. Abandoned.
- c. Damaged by uninsured causes.
- d. For which the insured failed to provide acceptable records of production.
- e. From which production was sold by direct marketing if the insured failed to meet the requirements contained in the crop provisions.

FINAL: Determined acres to tenths.

NOTE: Acreage breakdowns WITHIN a unit may be estimated (enter "E" in front of the acres) if a determination is impractical AND if authorization was received from the insurance provider. Document authorization in the Narrative.

ACCOUNT FOR ALL ACREAGE IN THE UNIT. In the event of over-reported acres, handle in accordance with individual insurance providers' 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 subgrove.
- C₂ Enter the REPORTED acres for the grove or subgrove.



- D. **Interest or Share:** Insured's interest in the crop to three decimal places as determined at the time of inspection. If shares vary on the same UNIT, use separate line entries.
- E. **Risk:** The correct rate class from the actuarial documents. Verify with the Summary of Coverage, and if the rate class is found to be incorrect, revise according to insurance provider's instructions. See the LAM.

NOTE: 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 3-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 type grown by the insured. If "No Type Specified," enter appropriate 3-digit code number from the actuarial documents.
- H. **Stage:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Stage abbreviation as shown below.

STAGE EXPLANATION

"P"..... Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, for which the insured failed to provide records of production which are acceptable to the insurance provider, or from which production was sold by direct marketing if the insured failed to meet the requirements contained in the crop provisions.

"H"..... Harvested.

"UH"..... Unharvested or put to other use with consent.

GLEANED ACREAGE: See Bulletin No. MGR-99-023, dated June 28, 1999, and Bulletin No. MGR-99-023.1, dated October 6, 1999, (or the LAM after bulletins have been incorporated) for more information on gleaning.

I. **Intended or Final Use:** Use of acreage. Use the following “Intended Use” abbreviations.

USE EXPLANATION

- "WOC" Other use without consent
- "SU" Solely uninsured
- "ABA" Abandoned without consent
- "H" Harvested
- "UH" Unharvested

Verify any “Intended Use” entry. If the final use of the acreage was not as indicated, strike out the original line and initial it. Enter all data on a new line showing the correct “Final Use.”

GLEANNED ACREAGE: See Bulletin No. MGR-99-023, dated June 28, 1999, and Bulletin No. MGR-99-023.1, dated October 6, 1999, (or the LAM after bulletins have been incorporated) for more information on gleanning.

J. **Appraised Potential:** Per-acre appraisal in whole pounds, of POTENTIAL production for the acreage appraised. See appraisal methods for additional instructions.

NOTE: If there is no potential on UH acreage, enter "0".

K₁ - K₂. MAKE NO ENTRY.

L. **Shell and/or Quality Factor:** Line out the heading and enter “SSAP.” Enter the Standardized Season Average Price (in dollars and cents) per pound provided by the CAC and announced by FCIC.

M. **+Uninsured Cause:** EXPLAIN IN THE NARRATIVE.

a. Hail and Fire exclusion NOT in effect.

- (1) Enter NOT LESS than the insured’s amount of insurance per acre in dollars and cents for any “P” stage acreage.

NOTE: On preliminary inspections, advise the insured to keep the harvested production from any acreage damaged SOLELY by uninsured causes separate from other production.

- (2) For acreage that is damaged PARTLY by uninsured causes, enter the APPRAISED UNINSURED loss of production per acre in dollars and cents for any such acreage.

b. Refer to the LAM when a Hail and Fire Exclusion is in effect and damage is from hail or fire.

- c. Enter the result of adding uninsured cause appraisals to hail and fire exclusion appraisals.

NOTE: For fire losses, if the insured also has other fire insurance (double coverage), refer to the LAM.

- N. **Adjusted Potential:** Column "J" times Column "L" plus Column "M," in dollars and cents.
- O. **Total to Count:** Column "C" or C_1 (**actual** acres) times Column "N," rounded to nearest whole dollar.
- P. **Per Acre:** Enter the amount of insurance per acre from the schedule of insurance.
- Q. **Total:** Column " C_2 " (**reported** acres; "C" if acreage is not under-reported) times Column "P." Round to nearest whole dollar.
16. **Total Acres:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total Actual Acres (Column "C" [or " C_1 " if there are under-reported acres]), to tenths.

NOTE: FOR ITEM 17. WHEN SEPARATE LINE ENTRIES ARE MADE FOR VARYING SHARES, STAGES, APH YIELDS, PRICE ELECTIONS, TYPES, ETC., WITHIN THE UNIT, AND TOTALS NEED TO BE KEPT SEPARATE FOR CALCULATING INDEMNITIES, MAKE NO ENTRY AND FOLLOW THE INSURANCE PROVIDER'S INSTRUCTIONS; OTHERWISE, MAKE THE FOLLOWING ENTRIES.

17. **Totals:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total of Column "O" and total of Column "Q."

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 necessary, 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 see the LAM.
- g. Explain any errors found on the Summary of Coverage.
- h. Explain any commingled production. See the LAM.
- i. Explain any entry for "Production Not to Count" in section II, item "O," and/or any production not included in Section II, item I or item B - E entries.
- j. Explain a "NO" checked in item 19.
- k. 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.

NOTE: Indicate on the aerial photo or sketch map, the disposition of acreage destroyed or put to other use with or without consent.
- l. 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.
- m. 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.
- n. Explain any delayed notices or delayed claims as instructed in the LAM.
- o. Document any authorized estimated acres shown in Section I, item C as follows: "Line 3 'E' acres authorized by insurance provider MM/DD/YYYY."
- p. Document the method and calculation used to determine acres for the unit. See the LAM.
- q. Record any trees removed without an inspection.

- r. Specify the type of insects or disease when the insured cause of damage or loss is listed as insects or disease. Explain why control measures did not work.
- s. Explain the reason for a “No Indemnity Due” claim. No Indemnity Due claims are to be distributed in accordance with the insurance provider's instructions.
- t. Document the name and address of the charitable organization when gleaned acreage is applicable. See Bulletin No. MGR-99-023, dated June 28, 1999, and Bulletin No. MGR-99-023.1, dated October 6, 1999, (or the LAM after bulletins have been incorporated) 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

GENERAL INFORMATION:

- (1) Account for **ALL HARVESTED PRODUCTION** (for **ALL ENTITIES** sharing in the crop) except production appraised **BEFORE** harvest and shown in Section I because the quantity cannot be determined later.
- (2) For production commercially sold, enter the name and address of processor as applicable in items B through D. For fruit otherwise disposed of, indicate the disposition (sold at roadside stand, etc.).
- (3) If additional lines are necessary, the data may be entered on a continuation sheet. **USE SEPARATE LINES FOR:**
 - (a) Different **FIRST** handlers (buyers, packinghouses, or processors). The insured must have maintained satisfactory records of **ALL** production sold. Verify any packinghouse or processor records.

NOTE: (In all localities) if the first handler was not a packer or processor, the production will be determined by the adjuster on the basis of available records.

 - (b) Varying shares; e.g., 50 percent and 75 percent shares on the same unit.
 - (c) Varying determinations of production (varying value, etc.).
- (4) There will generally be no harvested production entries in items A₁ through N for preliminary inspections.

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. See 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 that 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. See 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.” See 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.” See the LAM.

A₁. **Share:** RECORD ONLY VARYING SHARES on SAME unit to three decimal places.

A₂. **Field ID:** If only one practice and/or type of harvested production is listed in Section I, MAKE NO ENTRY.

If more than one practice, variety, or type of harvested production is listed in Section I and a

separate approved APH yield exists, indicate for each practice/type the corresponding Field ID (from Section I, item “A”).

B. - E. **Length or Diameter, Width, Depth and Deduction:** For production sold, enter the name and address of the Packer or Processor. For fruit otherwise disposed of, indicate the disposition (sold at roadside stand, etc.).

F. - H. MAKE NO ENTRY.

I. **Bu., Ton, Lbs, Cwt:** Circle “Lbs” in column heading. Production in whole pounds for production:

1. Weighed.
2. Sold - obtain production for the UNIT from the “Summary of Harvested Avocado Production” (see “Summary of Harvested Avocado Production Worksheet and Completion Procedures”) or other forms containing verifiable harvested production that is authorized by the CAC and the insurance provider.

J. - M. MAKE NO ENTRY.

N. **Adjusted Production:** Enter whole pounds from Column “I.”

O. **Production Not to Count:** Net production NOT to count, in WHOLE pounds, WHEN ACCEPTABLE RECORDS IDENTIFYING SUCH PRODUCTION ARE AVAILABLE, from harvested acreage which has been assessed an appraisal of not less than the guarantee per acre.

THIS ENTRY MUST NEVER EXCEED PRODUCTION SHOWN ON THE SAME LINE. EXPLAIN ANY “PRODUCTION NOT TO COUNT” IN THE NARRATIVE.

P. **Production:** Result of subtracting the entry in Column “O” from Column “N,” in whole pounds.

Q₁. - Q₂. MAKE NO ENTRY.

R. **Quality Factor:** Enter in this space, the two-decimal “Standardized Season Average Price” (SSAP) per pound provided by the CAC and announced by FCIC.

NOTE: A final claim may be prepared prior to the issuance of the SSAP by using a certification form. Complete the production worksheet and certification form according to the insurance provider instructions and obtain the insured’s signature. The claim will be signed and finalized by the insurance provider when the SSAP is issued.

S. **Production to Count:** Enter result from multiplying Column “P” times Column “R.” Round to nearest whole dollar.

NOTE: FOR ITEMS 22 - 24. WHEN SEPARATE LINE ENTRIES ARE MADE FOR VARYING SHARES, STAGES, APH YIELDS, PRICE ELECTIONS, TYPES, ETC., WITHIN THE UNIT, AND TOTALS NEED TO BE KEPT SEPARATE FOR CALCULATING INDEMNITIES, MAKE NO ENTRY AND FOLLOW THE INSURANCE PROVIDER'S INSTRUCTIONS; OTHERWISE, MAKE THE FOLLOWING ENTRIES.

22. **Section II Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Enter the total of Column "S" in whole dollars.

23. **Section I Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Enter whole dollar figure from Column "O" total in Section I.

24. **Unit Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total of 22 and 23, to whole dollars.

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.

NOTE: 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 insured's signature, REVIEW ALL ENTRIES on the Production Worksheet WITH THE INSURED, particularly explaining codes, etc., that may not be readily understood.

NOTE: 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 1 of 2, Page 2 of 2, etc.).

1. Crop/Code # Avocados 0019	2. Unit # 00100	3. Legal Description SW32-4N-22W
4. Date of Damage MAY		
5. Cause of Damage WIND		
6. Primary Cause % 100%		
12. Additional Units	00200 00300	
13. Est. Prod. Per Acre	4650 4200	

FOR ILLUSTRATION PURPOSES ONLY
PRODUCTION WORKSHEET

7. Company ANY Company
Agency ANY Agency

8. Name of Insured I.M. Insured			
9. Claim # XXXXXXXXX	11. Crop Year YYYY		
10. Policy # XXXXXXXXX			
14. Date(s)	1st MM/DD/YYYY	2nd	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 Variety	Stage	Intended or Final Use	Appraised Potential	Moisture % Factor	Shell and/or Quality Factor SSAP	+ Uninsured Cause	Adjusted Potential	Total To Count (C x N)	Per Acre	Total (C x P)	
A MM/DD	15.0	15.0	1.000	C06	002	055	UH	UH	1263		.90		1137	17055	2698	40470	
B	5.0	5.0	1.000	C06	002	055	H	H							2698	13490	
C MM/DD	5.0	5.0	1.000	C06	002	055	P	WOC				2698	2698	2698	2698	13490	
16. TOTAL		25.0												17. TOTALS		19753	67450

NARRATIVE (If more space is needed, attach a Special Report) See attached aerial photots for field ID's. Acreage determined by wheel measurement.
Field C - uninsured put to other use without consent.

SECTION II - HARVESTED PRODUCTION

18. Date Harvest Completed MM/DD/YYYY 19. Is damage similar to other farms in the area? Yes No 20. Assignment of Yes No 21. Transfer of Right To Yes No

MEASUREMENTS					GROSS PRODUCTION				ADJUSTMENTS TO HARVESTED PRODUCTION								R	S
A ₁ A ₂	B	C	D	E	F	G	H	I	J	K ₁ K ₂	L ₁ L ₂	M ₁ M ₂	N	O	P	Q ₁ Q ₂	R	S
Share	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 (H or I)xJxK ₂ xL ₂ xM ₂	Prod. Not to Count	Production (N - O)	Value MKT. Price	Quality Factor	Production to Count (P x R)
	AAA Processor Anytown, CA							23975					23975		23975		.90	21578

I certify the information provided above, to the best of my knowledge, to be true and complete and that it will be used to determine my loss, if any, to my insured crops. I understand that this Production Worksheet and supporting papers are subject to audit and approval by the company. I understand that this crop insurance is subsidized and reinsured by the Federal Crop Insurance Corporation, an agency of the United States. I understand that any false or inaccurate information may result in the sanctions outlined in my policy and administrative, civil, and criminal sanctions under 18 U.S.C. §§ 1006 and 1014, 7 U.S.C. § 1506, 31 U.S.C. §§ 3729 and 3730 and other federal statutes.

22. Section II 21578
23. Section I 19753
24. Unit Total 41331

25. Adjuster's Signature	Code #	Date	26. Insured's Signature	Date
1st Inspection I. M. Adjuster	XXXXX	MM/DD/YYYY	1st Inspection I. M. Insured	MM/DD/YYYY
2nd Inspection			2nd Inspection	
Final Inspection I.M. Adjuster	XXXXX	MM/DD/YYYY	Final I.M. Insured	MM/DD/YYYY

27. Page 1 of 1

9. REFERENCE MATERIAL

TABLE A – MINIMUM REPRESENTATIVE SAMPLE REQUIREMENTS

Number of Acres:	Select:
Less than 10.0	The lesser of 10 trees or 5% of the number of trees in the grove (for percentages ending with .5 or more,
10.1 to 100.0	10 trees plus 2 trees per additional 10.0 acres.
100.1 or more	37 trees plus 5 trees per additional 100 acres.

TABLE B - AVERAGE NUMBER OF AVOCADOS PER POUND BY FRUIT SIZE

Size Description	Number of Avocados per Carton	Average Weight of Each Avocado (in ounces)	Number of Avocados per Pound
Small	96	3.6	4
	84	4.3	4
Medium	70	5.5	3
	60	6.9	2
Large	48	8.5	2
	40	10.5	2
Extra Large	36	12.0	1
	32	13.3	1
	28	14.9	1
	24	17.3	1
	20	20.4	1

TABLE C - TREE POPULATION PER ACRE CHART

DISTANCE BETWEEN PLANTS (In Feet)						
	4'	5'	6'	7'	8'	9'
1'	10890	8712	7260	6223	5445	4840
2'	5445	4356	3630	3111	2723	2420
3'	3630	2904	2420	2074	1815	1613
4'	2723	2178	1815	1556	1361	1210
5'	2178	1742	1452	1245	1089	968
6'	1815	1452	1210	1037	908	807
7'	1556	1245	1037	889	778	691
8'	1361	1089	908	778	681	605
9'	1210	968	807	691	605	538

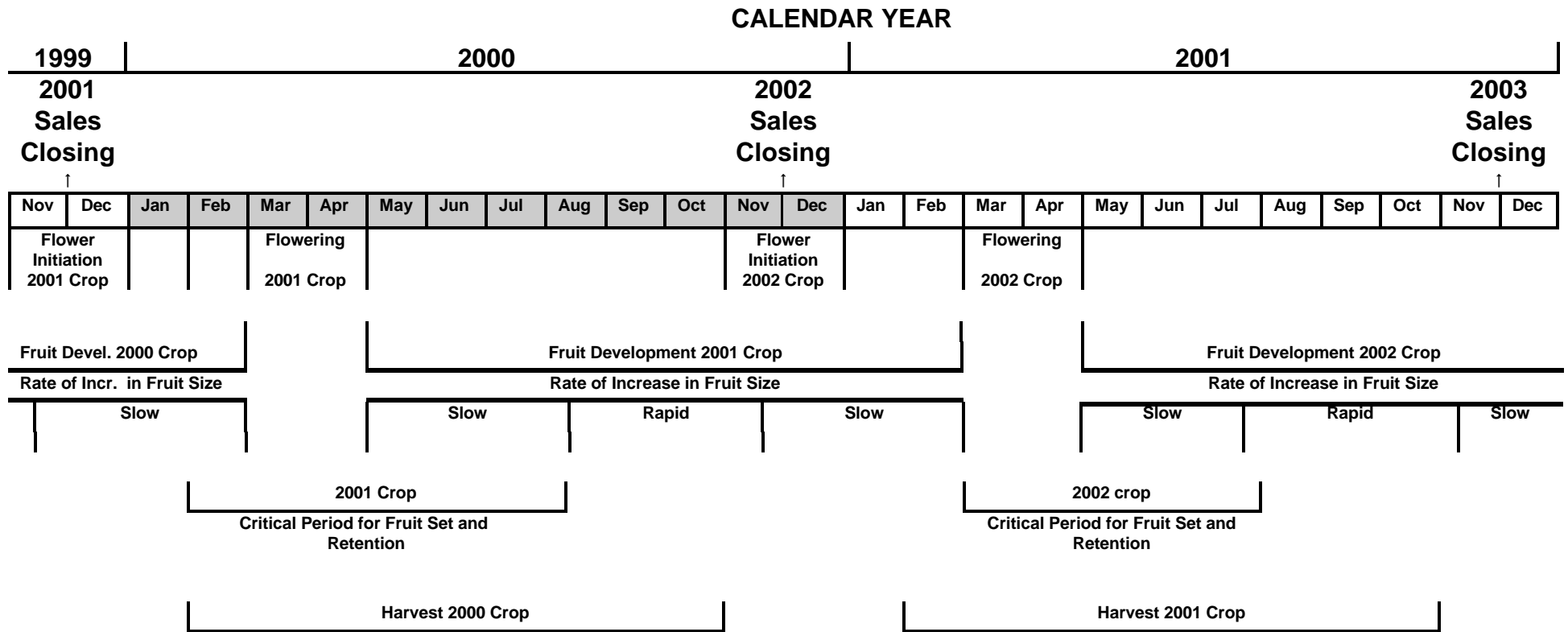
For spacing not shown on the charts: Multiply the distance between plants (nearest tenth foot) times the distance between rows (nearest tenth foot) and divide the result into 43,560. Round result to the nearest whole number.

EXAMPLE: 6.5 FT. x 10 FT. = 65 SQ. FT.
 43,560 ÷ 65 SQ. FT. = 670 PLANTS PER ACRE

DISTANCE BETWEEN ROWS (In Feet)

DISTANCE BETWEEN PLANTS (In Feet)																										
	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	24'	25'	26'	27'	28'	29'	30'	31'	32'	33'	34'	35'
10'	436	396	363	335	311	290	272	256	242	229	218	207	198	189	182	174	168	161	156	150	145	141	136	132	128	124
11'		360	330	305	283	264	248	233	220	208	198	189	180	172	165	158	152	147	141	137	132	128	124	120	116	113
12'			303	279	259	242	227	214	202	191	182	173	165	158	151	145	140	134	130	125	121	117	113	110	107	104
13'				258	239	223	209	197	186	176	168	160	152	146	140	134	129	124	120	116	112	108	105	102	99	96
14'					222	207	194	183	173	164	156	146	141	135	130	124	120	115	111	107	104	100	97	94	92	89
15'						194	182	171	161	153	145	138	132	126	121	116	112	108	104	100	97	94	91	88	85	83
16'							170	160	151	143	136	130	124	118	113	109	105	101	97	94	91	88	85	83	80	78
17'								151	142	135	128	122	116	111	107	102	99	95	92	88	85	83	80	78	75	73
18'									134	127	121	115	110	105	101	97	93	90	86	83	81	78	76	73	71	69
19'										121	115	109	104	100	96	92	88	85	82	79	76	74	72	69	67	66
20'											109	104	99	95	91	87	84	81	78	75	73	70	68	66	64	62
21'												99	94	90	86	83	80	77	74	72	69	67	65	63	61	59
22'													90	86	83	79	76	73	71	68	66	64	62	60	58	57
23'														82	79	76	73	70	68	65	63	61	59	57	56	54
24'															76	73	70	67	65	63	61	59	57	55	53	52
25'																70	67	65	62	60	58	56	54	53	51	50
26'																	64	62	60	58	56	54	52	51	49	48
27'																		60	58	56	54	52	50	49	47	46
28'																			56	54	52	50	49	47	46	44
29'																				52	50	48	47	46	44	43
30'																					48	47	45	44	43	41
31'																						45	44	43	41	40
32'																							43	41	40	39
33'																								40	39	38
34'																									38	37
35'																										36

TABLE D – FLOWERING, FRUIT SET, FRUIT DEVELOPMENT AND HARVEST OF ‘HASS’ AVOCADOS



Summarized by USDA/RMA
California RO, from information available

EXHIBIT 1

BARCLAY'S CALIFORNIA CODE OF REGULATIONS

Article 11. Avocados

1408. Avocados, By-Products.

Avocados which are intended to be used solely for by-products use shall not be deemed "prepared for market" within the meaning of section 44971 of the Food and Agriculture Code. The enforcing inspector shall issue a permit or serve disposal order upon the owner or person that has custody or possession of any lot or load that is intended for by-product use. The issuance of disposal orders shall be in accordance with sections 42881, 42882, 42883, 42884, 42885, and 42886. The issuance of permits shall be in accordance with the following:

- (a) The permit shall accompany each vehicle transporting the avocados.
- (b) The permit shall be in writing and on a form provided by the Director of Food and Agriculture.
- (c) The permit shall be valid for one year from date of issuance unless revoked or suspended by the Director or his representative.
- (d) The permittee shall, upon request of the enforcing officer, furnish such evidence as may be required as proof that the avocados have been disposed of in accord with provisions on this section.

NOTE: Authority cited for Article 11: Sections 42 and 43, Chapter 1404, Statutes of 1974 and Sections 407, 42681 and 42682, Food and Agricultural Code. Reference: Sections 42941 and 44971, Food and Agricultural Code.

HISTORY

1. New section filed 6-4-73 as an emergency; effective upon filing (Register 73, No. 23).
2. Certificate of Compliance filed 9-20-73 (Register 73, No. 38).
3. Amendment filed 1-11-74; effective thirtieth day thereafter (Register 74, No. 2).
4. Renumbering from Section 1397.16 filed 1-21-75; effective thirtieth day thereafter (Register 75, No.4).

1408.1. Avocados, Identification of Avocados in Noncomplying Lots.

When any lot of avocados has been determined to be in noncompliance with the maturity or other quality standards as established by this article, and is to be disposed of as authorized by this group, the avocados in the lot shall be cut or otherwise permanently identified prior to disposal.

NOTE: Authority cited: Sections 407 and 42684, Food and Agricultural Code. Reference: Sections 42941 and 44971, Food and Agricultural Code.

HISTORY

1. New section filed 9-20-68 as an emergency; effective upon filing; Certificate of Compliance included (Register 68, No. 35).
2. Amendment and renumbering from Section 1397.7 filed 1-21-75; effective thirtieth day thereafter (register 75, No. 4).
3. Amendment filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).

1408.2. Avocados: Maturity, Sample Size and Sampling Procedures.

(a) The following procedure shall be used to determine whether avocados in a lot are mature as required by this article.

(b) For the purposes of this section, a lot is defined as one group of containers of avocados of the same variety,

same count size, if packed, and same grade or brand or grower.

(c) Sample containers shall be selected at random in accordance with the table below. Two avocados shall be randomly selected from each sample container. Where the number of sample containers is four or less, additional avocados shall be selected for a total sample of ten avocados. The avocados selected from the sample containers shall comprise the total sample to be tested.

<i>Number of Containers in Lot</i>	<i>Sample Containers Required</i>
50 containers or less	2
51 to 100	3
101 to 200	4
201 to 500	5
501 to 1,000	10
1,001 to 1,500	15
1,501 to 2,000	20
2,001 to 2,500	25

For lots over 2,500 containers, an additional five sample containers shall be selected for each additional 500 containers or fraction thereof.

(d) The avocados selected in accordance with the above subsection shall be tested in accordance with the procedures in Sections 1408.3 and 1408.6.1. Notwithstanding the foregoing sampling procedures, the least mature appearing fruit shall be selected when avocados from different growing seasons or bloom sets in the same growing season have been intermixed.

NOTE: Authority cited: Section 14, 407, 42681, and 42684, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. Amendment of subsections (a), (e) and (f) filed 1-4-71 as an emergency; effective upon filing. Certificate of Compliance included (Register 71, No.2). For prior history, see Register 64, No. 15.
2. Amendment and renumbering from section 1397.6 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
3. Amendment of subsections (d)(1) and (d)(2) filed 11-17-78 as an emergency; effective upon filing. Certificate of Compliance included (Register 78, No. 46).
4. Amendment of subsections (d)(1) and (d)(2) filed 11-9-79; effective thirtieth day thereafter (Register 79, No. 45).
5. Amendment of subsection (d) filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
6. Amendment filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).
7. Amendment of subsection (d) filed 9-15-87; operative 10-15-87 (Register 87, No. 39).
8. Amendment of subsections (d) and (e) filed 9-7-89; operative 8-9-89 pursuant to Government Code section 11346.2(d) (Register 89, No. 37).
9. Amendment to subsection (d) filed 8-8-90; operative 9-7-90 (Register 90, No. 39).
10. Amendment of section heading, subsections (b), (c), (d) and NOTE and repealer of subsection (e) filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.3. Avocados, Determination of Dry Matter.

Dry matter of avocados shall be determined by weighing the

fresh weight and dry weight of a sample of avocados. The testing procedures and method of calculating the percent of dry matter shall be as follows:

- (a) Cut the avocado lengthwise into equal halves. Remove the seed.
- (b) Further cut the avocado into eighths, choose two opposing eighths, and remove the seed coat and skin.
- (c) Repeat the above for the number of sample fruit required by section 1408.2.
- (d) Place the sets of opposing eighths in a food processor equipped with a chopping blade and chop to a uniform crumbly mixture with particles no larger than 1/8 inch.
- (e) Transfer chopped sample to an airtight container.
- (f) Weigh a clean watchglass (60 x 15 mm in diameter) and record the weight (P).

(g) Place 5 to 6 grams of the chopped sample on the preweighed watchglass; reweigh the watchglass with the sample and record the weight (F).

(h) Place the watchglass with sample in the Litton Menu Master (1,000 watts) or comparable 1,000 watt microwave oven and dry the sample at 50% power for 30 minutes, without charring the tissue. Remove the sample from the microwave oven and note the weight. Place sample back in microwave oven for 5 minutes. Remove sample again and compare weight. If weight is the same, record it as dry weight. Whenever there is a weight difference, repeat this step until there is no weight loss. After sample reaches constant weight, record the weight (D).

(i) calculate the percent of dry matter using the following example:

$$\frac{D - P}{F - P} \times 100 = \text{\% dry matter}$$

All weighing required by this section shall be recorded to the nearest 0.01 gram.

NOTE: Authority cited: Sections 14, 407, 42681, 42684, and 44988, Food and Agricultural Code. Reference: Sections 42941 and 44971, Food and Agricultural Code.

HISTORY

1. New section filed 7-7-55; effective thirtieth day thereafter (Register 55, No. 10).
2. Renumbering from 1397.1 filed 3-16-56; effective thirtieth day thereafter (Register 56, No. 5).
3. Amendment filed 7-6-64; effective thirtieth day thereafter (Register 64, No.15).
4. Renumbering from Section 1397.5 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
5. Amendment filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).
6. Amendment filed 9-7-89; operative 9-8-89 pursuant to Government Code section 11346.2(d) (Register 89, No. 37).
7. Amendment filed 8-8-90; operative 9-7-90 (Register 90, No.39).

1408.4. Avocado Defects.

As used in this article "defect" includes damage which is due to insect injuries, freezing injury, decay, rancidity or other causes.

HISTORY

1. New section filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).

1408.5. Avocados, Tolerances.

Avocados shall be free from all defects, including, but not restricted to, those that are mentioned in Section 1408.4, which singly or in the aggregate cause a waste of 10 percent or more, by weight, of the entire avocado, including the skin and seed. Not more than 5 percent, by count, of the avocados in any one container or bulk lot may be below the requirement which is prescribed by this section.

HISTORY

1. New section filed 1-21-75; effective thirtieth day

thereafter (Register 75, No. 4).

1408.6. Avocados, Maturity.

Avocados shall be mature at time of picking and at all times thereafter. Mature means that the percent dry matter of the edible portion of an avocado sample is not less than the percent established below for the respective varieties, as applicable on the date of testing.

The percentages in the following table shall be effective until modified by order of the Director in accordance with Section 1408.6.2. Interested persons should contact the Department's Fruit and Vegetable Quality Control-Standardization program for current standards.

MINIMUM MATURITY STANDARD

	<i>Vanities</i>
18.5	Bacon
20.0	Fuerte
21.2	Haas
25.6	Owen
23.0	Pinkerton
18.7	Zutano
19.8	Reed
19.3	Jim
20.4	Rincon
18.4	Susan
18.7	Cliford, Covacado, Duke, Henry, Select, Jalna, Leucadia, Santana, Teague, other fall/winter varieties
20.8	Anaheim, Beruk, Bonita, Carlsbad, Dickerson, Edranol, Elsie, Ryan, Itzamna, MacArthur, Nabal, Queen, Thille, other spring/summer varieties

NOTE: Authority cited: Section 14, 407, 42684 and 44988, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. New section filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).
3. Amendment filed 9-7-89; operative 9-8-89 pursuant to Government Code section 11346.2(d) (Register 89, No.37).
4. Amendment filed 8-8-90; operative 9-7-90 (Register 90, No. 39).
5. Amendment of text, table and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.6.1. Avocados, Maturity Determination of Dry Matter Testing Results.

The sample avocados selected in accordance with Section

1408.2 shall be randomly separated into two equal official test samples, hereafter referred to as Test No. 1 and Test No. 2, and tested as follows:

(a) The avocados in Test No. 1 shall be tested for percent dry matter. If the percent dry matter from the test is equal to or greater than the established percent in Section 1408.2 for the variety tested, the fruit passes and no further testing shall be required.

(b) When the percent dry matter from the test is less than the established percent, the avocados in Test No. 2 shall be tested for percent dry matter. If the percent dry matter from the test is equal to or greater than the established percent, the fruit passes and no further testing shall be required. If the percent dry matter from the test is below the established percent, the lot shall be rejected and no further testing shall be allowed.

NOTE: Authority cited: Sections 14, 407, and 42684, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. New section filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).
2. Renumbering of former section 1408.6.1 to section 1408.6.2, and new section 1408.6.1 filed 9-7-89; operative 9-8-90 pursuant to Government Code section 11346.2 (d) (Register 89, No. 37).
3. Amendment filed 8-8-90; operative 9-7-90 (Register 90, No. 39).
4. Amendment of section heading, text and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.6.2. Avocados, Application of Maturity Standards (Fixed Levels).

The director may issue formal directives to modify the minimum maturity standards set forth in Section 1408.6. However, such directive may only be issued after the director determines that a need exists to modify the standards. Modification shall only be made when: (1) experience with maturity standards indicates a need for correction and refinement, and (2) establishment of new standards more accurately reflect fruit quality and consumer acceptance of same.

After demonstrating a need for change, proposed changes in the maturity standards may be initiated by the director, by the California Avocado Commission, or by the Avocado Inspection Committee. Such need shall be based upon scientific test data or reviewed and approved by a recognized research institution, test data may include but shall not be limited to dry matter tests, fruit variety and size, analysis of differences in geographic areas or climatic conditions, and consumer acceptance of same.

NOTE: Authority cited: Section 14, 407, 42684 and 44988, Food and Agricultural Code. Reference: Sections 42941, Food and Agricultural Code.

HISTORY

1. Repealer of former Section 1408.6.2, and renumbering of former Section 1408.6.1 to Section 1408.6.2 filed 9-7-89; operative 9-8-89 pursuant to Government Code Section 11346.2(d) (Register 89, No. 37). For prior history, see Register 88, No. 46 and 83, No. 22.

1408.6.3. Avocados, Release Dates.

When the director is satisfied that all fruit of a given size of a specified variety meet the maturity standards, the director may by order release all such fruit for harvesting.

NOTE: Authority cited: Sections 407, 42684 and 44988, Food and Agricultural Code. Reference: Sections 42941

and 44971, Food and Agricultural Code.

HISTORY

1. New section filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).

1408.7. Avocados, Freezing Injury.

Notwithstanding the provisions of Section 1408.5, avocados shall be considered damaged by freezing injury when:

- (a) There is any amount of bronze color, or
- (b) There is any amount of water-soaked discoloration of the flesh adjacent to the skin as determined on the surface of a traverse cut made at least 1 inch from the stem end of the fruit; or
- (c) Any discoloration or desiccation of the flesh occurs on a traverse cut made at least 1 inch from either the stem or distal end of the fruit, or on either such cut surface if it covers an aggregate area of more than 1/2 inch in diameter; or
- (d) Ten or more vascular fiber bundles, which are as dark as the color guide established by the Director, appear on the surface of a traverse cut made at least 1 inch from the stem end of the fruit; or
- (e) There is any internal void as determined on the surface of a traverse cut made at least 1 inch from either the stem or distal end of the fruit.

NOTE: Authority cited: Sections 14, 407 and 42684, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. Renumbering from section 1397 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4). For prior history, see Register 57, No. 9.
2. Amendment filed 11-7-88; operative 11-7-88 (Register 88, No. 46).
3. Amendment of section and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.8. Avocados, Number of Avocados to Select to Inspect for Frost Damage.

The number of containers of avocados from which fruit is to be sampled is provided in Section 1370.8. California Administrative Code. The following is in addition to the above-named section:

- (a) When it is evident from the outside appearance of the avocados in the lot that freezing damage has occurred to the avocados, a random sample is not necessary.
- (b) When freezing damage is not evident from the outside appearance of the avocados in a lot, the following method shall be used:
 - (1) When five containers or less are selected, inspect 10 avocados which have been selected at random from all containers in the sample. If one of these fruits is considered rejectable under Sections 1408.5 and 1408.7 of the California Administrative Code, inspect an additional 10 avocados selected from the same containers in the same manner. When more than 5 percent, by count, of these 20 fruits are considered rejectable, the lot shall be considered in violation.
 - (2) When six or more containers are selected, inspect 20 avocados which have been selected at random from all containers in the sample. When more than 5 percent, by count, of these 20 fruits are considered rejectable, the lot shall be in violation.
 - (3) When avocados have been sized, each size must be tested as a separate lot; when not sized, test large, medium and small fruits as separate lots.

(c) When avocados have been selected under method (a), the fruit, or the results of testing them, shall not be combined in any way with those selected to be tested under method (b).

HISTORY

1. New section filed 6-6-57; effective thirtieth day thereafter (Register 57, No. 9).
2. Amendment of subsection (b)(1) filed 1-4-71 as an emergency; effective upon filing. Certificate of Compliance included (Register 71, No. 2).
3. Amendment and renumbering from Section 1397.1 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).

1408.9. Avocados, Marking Requirements.

In addition to the basic marking requirements of Section 1359, every nonconsumer container of avocados shall be clearly and conspicuously marked with the following information:

(a) All containers of the following varieties shall be marked with the variety: Fuerte, Hass, Zutano, Bacon, MacArthur, Rincon, Jalna, Pinkerton, or Reed. None of the before-named varieties shall be intermixed or mixed with an unnamed variety.

(b) The count when packed.

NOTE: Authority cited: Sections 407, 42682 and 44979, Food and Agricultural Code. Reference: Sections 42941 and 44971, Food and Agricultural Code.

HISTORY

1. New subsection (d) filed 1-11-74; effective thirtieth day thereafter (Register 74, No. 2). For prior history, see Register 73, No. 38.
2. Renumbering from Section 1397.15 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
3. Amendment filed 4-30-75; designated effective 6-1-75 (Register 75, No. 18).
4. Amendment filed 7-3-75; effective thirtieth day thereafter (Register 75, No. 27).
5. Amendment filed 9-11-84; effective thirtieth day thereafter (Register 84, No. 37).

1408.10. Avocados, Marking Requirements for Irregular Containers.

If avocados are placed loose in containers other than standard containers for avocados, such containers shall be plainly and conspicuously marked in letters at least 1/2 inch in height with the words "irregular container." In addition, such containers shall vary more than 10% of the cubic volume of all standard avocado containers.

NOTE: Authority cited: Sections 14, 407, and 42682, Food and Agricultural Code. Reference: Section 42941, Food and Agricultural Code.

HISTORY

1. Renumbering from Section 1397.13 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 9-15-87; operative 10-15-87 (Register 87, No. 39).

1408.11. Avocados, Consumer-Type Package.

If avocados are packed or placed loose in any consumer-type container which does not exceed 60 percent of the size of the smallest standard container for avocados, such container need not comply with standard container size.

HISTORY

1. Renumbering from Section 1397.14 filed 1-21-75;

effective thirtieth day thereafter (Register 75, No. 4).

2. Amendment filed 4-30-75; designated effective 6-1-75 (Register 75, No. 18).

1408.12. Avocados, Containers Without Certification Stamp.

All containers of avocados not bearing the prescribed official certification stamp shall be rejected and returned to the packer for compliance.

NOTE: Authority cited: Sections 407, 42681 and 42682, Food and Agricultural Code. Reference: Sections 42941, Food and Agricultural Code.

HISTORY

1. New section filed 5-24-73 as an emergency; effective upon filing (Register 73, No. 21).
2. Certificate of Compliance filed 9-20-73 (Register 73, No. 38).
3. Renumbering from section 1398 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).

1408.13. Avocados, Packing, Sizing, and Standard Container Requirements.

Avocados packed in rows and layers shall be fairly tightly packed in standard containers number 9D or 9E. Container 9F shall be volume filled only. In addition, containers 9D, 9E, 9F and all other containers shall conform to the following:

COLUMN A Count /Size	COLUMN B Weight (Ozs.)		COLUMN C Weight (Ozs.)	
	Minimum	Maximum	Minimum	Maximum
Container 9D	Count/Size	Container	9E and 9	
49 or more	97 or more	No weight requirement		
48	96	3 1/2	3 3/4	3 4 3/4
42	84	3 3/4	4 3/4	3 1/2 6 1/4
35	70	4 3/4	6 1/4	3 3/4 7 1/2
30	60	6 1/4	7 1/2	4 3/4 9 1/2
24	48	7 1/2	9 1/2	6 1/4 11 1/2
20	40	9 1/2	11 1/2	7 1/2 12 1/2
18	36	10 1/2	12 1/2	9 1/2 14
16	32	11 3/4	14	10 1/2 15 3/4
14	28	13 3/4	15 3/4	11 3/4 18 3/4
12	24	15 3/4	18 3/4	14 22
10	20	18 3/4	22	15 3/4 24
9	18	22	24	18 3/4 28
8	16	24	28	22 30
7 or less	15 or less	No weight requirement		

When containers, including packed containers are required by section 1408.9(b), are marked with one of the count/size designations cited in Column A, individual fruit shall not be below or above the weight range specified in Column B. Twenty percent, by count, of the fruit in the containers within any lot may be below or above the weight range, provided that no fruit may be below or above the weight range specified in Column C.

When the containers are marked with a count/size that is between two of the designations in Column A, individual fruit in the containers shall conform to the weight range specified for the next lesser count/size.

For the purpose of this section, "lot" means one group of containers of the same variety, count/size, and grade or brand.

A lot shall not exceed 50 containers or, when utilized, the amount present on a pallet. The size requirements established by this section shall apply only at the point of packing.

NOTE: Authority cited: Sections 14, 407 and 42682, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. New sections 1397.8 through 1397.14 filed 1-4-71 as an emergency; effective upon filing. Certificate of Compliance included (Register 71, No. 2).
2. Amendment filed 3-26-71; effective thirtieth day thereafter (Register 71, No. 13).
3. Renumbering from section 1397.8 filed 1-21-75; effective thirtieth thereafter (Register 74, No. 4).
4. Amendment filed 7-13-84; effective thirtieth day thereafter (Register 84, No. 28).
5. Amendment filed 9-1-87; operative 10-1-87 (Register 87, No. 36).
6. Amendment of first paragraph, table and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.14. Avocados, Weight Requirements for Packed Containers.

The net weight of containers 9D, 9E, and 9F shall not be less than the weight established in the chart below:

Container	COUNT			
	41 or Low	42 or More	83 or Low	84 or More
	NET WEIGHT (lbs.)			
9D				
a. Volume Fill by Count	12 1/2	11	-----	-----
b. Volume Fill by Weight	12 1/2	12 1/2	-----	-----
c. Tray Pack or Rows/Layers	12 1/2	11	-----	-----
9E				
a. Volume Fill by Count	-----	-----	25	22
b. Volume Fill by Weight	-----	-----	25	25
c. Tray Pack or Rows/Layers	-----	-----	25	22
9F				
a. Volume Fill by Count	-----	-----	25	22
b. Volume Fill by Weight	-----	-----	25	22

The container weights established by this section shall apply only at the point of packing.

NOTE: Authority cited: Sections 14, 407 and 42682, Food and Agricultural Code. Reference: Sections 42941, Food and Agricultural Code.

HISTORY

1. Renumbering from Section 1397.9 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
3. Amendment filed 10-1-82; effective upon filing pursuant to Government Code Section 11346.2(d) (Register 82, No. 40).
4. Amendment filed 9-1-87; operative 10-1-87 (Register 87, No. 36).

1408.15. Weight Requirement for Loose Avocados in 9D or 9E Containers.

NOTE: Authority cited: Sections 407 and 42682, Food and Agricultural Code. Reference: Section 42941, Food and

Agricultural Code.

HISTORY

1. Renumbering from Section 1397.10 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
3. Repealer filed 10-1-82; effective upon filing pursuant to Government Code Sections 11346.2(d) (Register 82, No. 40).

1408.16. Avocados, Net Weight Tolerance.

In order to allow for reasonable variations inherent in different-shaped fruit and incidental to proper sizing, lots sampled shall not vary more than 2 percent from the weight requirement prescribed in Section 1408.14.

For the purpose of this Section "lot" means one group of containers of the same variety, same count size, if packed, and same grade or brand. A lot shall not exceed 50 containers or, when utilized, the amount present on a pallet.

NOTE: Authority cited: Sections 14, 407, 42682 and 44977, Food and Agricultural Code. Reference: Sections 42941 and 44971, Food and Agricultural Code.

HISTORY

1. Renumbering from Section 1397.11 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
3. Amendment filed 10-1-82; effective upon filing pursuant to Government Code Section 11346.2(d) (Register 82, No. 40).
4. Amendment filed 11-7-88; operative 11-7-88 (Register 88, No. 46).

1408.17. Avocado Sampling Procedure for Weight Requirement.

In lots of 10 or less containers of avocados, the net weight of each container shall be determined by the average weight of the lot. In lots which are composed of 11 containers or more, 10 containers selected at random shall comprise a sample for determining the average net weight of each container in the lot represented by the sample.

Only one variety and one count size is standard container 9D, 9E, or 9F shall be included in determining the average net weight of a lot inspected.

NOTE: Authority cited Section 14, 407 and 42682, Food and Agricultural Code. Reference: Section 42941, Food and Agricultural Code.

HISTORY

1. Renumbering from Section 1397.12 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
2. Amendment filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
3. Amendment filed 10-1-82; effective upon filing pursuant to Government Code Section 11346.2(d) (Register 82, No. 40).
4. Amendment filed 9-1-87; operative 10-1-87 (Register 87, No. 36).

Any lot of rejected avocados may be reinspected, provided:

(a) The lot has been reconditioned. "Reconditioned" shall mean that in the case of quality defects, the containers have been opened and the defective avocados have been sorted out and held for examination and supervision of disposal by the enforcing officer.

(b) Not more than one reinspection shall be permitted for any rejected lot, and the owner or person in possession of the avocados shall complete the disposition within 36 hours from the date and time a written order is issued. Such time shall not

include weekends or holidays on which the packer does not pack avocados.

NOTE: Authority cited: Sections 14, 407, 42682, 42684 and 44977, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. New section filed 5-24-73 as an emergency; effective upon filing (Register 73, No. 21).
2. Certificate of Compliance filed 9-20-73 (Register 73, No. 38).
3. Renumbering from section 1398.1 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).
4. Amendment filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
5. Amendment filed 5-27-83; effective thirtieth day thereafter (Register 83, No. 22).
6. Amendment of subsections (b) and (c) filed 9-15-87; operative 10-15-87 (Register 87, No. 39).
7. Amendment of subsection (a) filed 9-7-89; operative 9-3-89 pursuant to Government Code section 11346.2(d) (Register 89, No. 37).
8. Repealer of subsection (a) and relettering, amendment of newly designated subsection (a) and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.18.1. Avocados, Time for Complying with Written Order.

NOTE: Authority cited: Sections 14, 407, 42682 and 42684, Food and Agricultural Code. Reference: Section 42941, Food and Agricultural Code.

HISTORY

1. New section filed 9-30-81 as an emergency; effective upon filing. Certificate of Compliance included (Register 81, No. 41).
2. Repealer filed 9-15-87; operative 10-15-87 (Register 87, No. 39).

1408.19. Avocados, Fee Payment.

Each packer of avocados shall pay to the Director of Food and Agriculture each month an inspection and certification fee based on the number of containers certified.

HISTORY

1. New section filed 5-24-73 as an emergency; effective upon filing (Register 73, No. 21).
2. Certificate of Compliance filed 9-20-73 (Register 73, No. 38).
3. Renumbering from Section 1398.2 filed 1-21-75; effective thirtieth day thereafter (Register 75, No. 4).

1408.20. Normal Inspection Hours.

The Director shall establish a work schedule of normal days and hours that inspection and certification is available to all avocado packers.

NOTE: Authority cited: Sections 407, 4281, 44976, Food and Agricultural Code. Reference: Section 42941, Food and Agricultural Code.

HISTORY

1. New section filed 2-19-76; effective thirtieth day thereafter (Register 76, No. 8).

1408.21. Voluntary Request for Inspection.

An avocado packer may request the Director or his representative to furnish inspection or certification service on days or hours other than normal inspection days and hours. The avocado packer shall pay a fee to the Director in accordance with the current schedule of overtime inspection fees, in addition to the standard fee, to reimburse the Department for this supplemental service.

NOTE: Authority cited: Sections 407, 42681, 44976, Food and Agricultural Code. Reference: Section 42941, Food and Agricultural Code.

HISTORY

1. New section filed 2-19-76; effective thirtieth day thereafter (Register 76, No. 8).

1408.22. Avocados, Fruit Drop Caused by Extreme Winds.

When abnormal fruit drop is caused by extreme winds, the Director shall set a period of time not to exceed five days for maturity testing of windfall avocados, starting from the end of the extreme winds. During this period, maturity testing shall be permitted on windfall fruit which is not more than two sizes below the smallest size released for harvest for the respective varieties at the time of the beginning of the extreme winds. Where no size release has been made for a variety, testing shall be permitted on avocados weighing not less than 6.25 ounces. Windfall avocados which are more than two sizes smaller than the smallest release size, or those smaller than 6.25 ounces, or those tested and found to be immature shall be rejected and disposed of under supervision of an enforcing officer. Reconditioning and retesting of windfall fruit shall not be permitted.

Determination of periods which shall qualify as "extreme winds," as well as factors which permit identification of "windfall fruit," shall be at the discretion of the Director.

NOTE: Authority cited: Sections 14, 407, 42684 and 44977, Food and Agricultural Code. Reference: Sections 42941 and 44973, Food and Agricultural Code.

HISTORY

1. New section filed 9-11-84; effective thirtieth day thereafter (Register 84, No. 37).
2. Amendment filed 11-7-88; operative 11-7-88 (Register 88, No. 46).
3. Amendment of section and NOTE filed 9-16-92; operative 9-16-92 (Register 92, No. 38).

1408.23. Avocados, Field Pack Operation.

Avocado producers and handlers may engage in field packing operations, subject to the following conditions:

(a) The handler shall notify the director at least 24 hours in advance of the time and the location where field packing is to take place.

(b) If the inspection and certification fee established pursuant to Food and Agricultural Code Section 44975 is insufficient to cover the cost of such inspection and certification, the director may require, in lieu of the standard inspection and certification fee, that the packer pay for inspection services at any hourly rate and for mileage expenses to and from the place of packing. A schedule of such fees and charges shall be made available upon request.

(c) During the maturity season for any variety, field-packed avocados shall not be transported from the point of packing without first obtaining an inspection by an enforcing officer, unless the field packer maintains a central staging area where all field-packed fruit is transported and stored prior to marketing, which location in the determination of the director is deemed suitable for inspection and certification.

(d) When the director has released a variety as being mature, the director may specify central locations to which field-packed avocado

containers may be transported for inspection. The standard inspection and certification fee shall be in effect at any such inspection station.

NOTE: Authority cited: Sections 407, 42684 and 44977, Food and Agricultural Code. Reference: Sections 42941, 44975, Food and Agricultural Code.

HISTORY

1. New section filed 9-11-84; effective thirtieth day thereafter (Register 84, No. 37).

EXHIBIT 2

SAMPLE LETTER ISSUED BY THE CALIFORNIA DEPT. OF AGRICULTURE

The following letter will be issued by the California Department of Agriculture each season prior to the beginning of harvest. It contains information regarding release/maturity dates for fruit of a certain size. This letter pertains to the 1999/2000 crop year.

RELEASE DATE

The date listed for each avocado variety/size group is the earliest date in which that particular size or larger may be delivered to the packer.

As stated in sections 1408.22 of the amended Code of Regulations, when abnormal fruit drop is caused by extreme winds, there is up to a five day period after the winds have ended where windfall fruit which is not more than two sizes below the smallest size released for harvest may be picked up and tested for maturity.

SAMPLE LETTER

September 30, YYYY

To: Avocado Handlers
AIC Members

The following is information regarding Date/Size maturity releases for 1999/2000. The chart states the release dates for the following varieties.

<u>Variety</u>	<u>size 40</u>	<u>size 48</u>	<u>size 60</u>	<u>size 70 and smaller</u>	
Bacon	10/28/99	11/11/99	12/02/99	12/16/99	
Fuerte	11/04/99	11/18/99	12/09/99	12/23/99	
Hass	12/02/99	12/16/99	01/06/00	01/20/00	
Zutano	11/25/99	12/09/99	12/30/99	01/13/00	
<hr/>					
<u>Variety</u>	<u>size 28</u>	<u>Size 32</u>	<u>Size 36</u>	<u>Size 40</u>	<u>size 48</u>
Pinkerton	12/01/99	12/15/99	12/29/99	01/05/00	01/19/00
<hr/>					
<u>Variety</u>	<u>size 32</u>	<u>Size 36</u>	<u>Size 40</u>	<u>Size 49</u>	<u>Size 60</u>
Gwen	03/12/00	03/26/00	04/09/00	04/23/00	05/07/00

Sincerely,

/s/

(Name)

FV&EQC-Avocado Inspection Program
Division of Inspection Services