



United States
Department of
Agriculture



Federal Crop
Insurance
Corporation

FCIC-20420U (08-2022)

CANEBERRY CROP INSURANCE STANDARDS HANDBOOK

2023 and Succeeding Crop Years

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**UNITED STATES DEPARTMENT OF AGRICULTURE
FARM PRODUCTION AND CONSERVATION
RISK MANAGEMENT AGENCY
KANSAS CITY, MO 64133**

TITLE: CANEBERRY CROP INSURANCE STANDARDS HANDBOOK	NUMBER: FCIC – 20420U OPI: Product Administration and Standards Division
EFFECTIVE DATE: 2023 and Succeeding Crop Years	ISSUE DATE: 08/31/2022
SUBJECT: Provides the procedures and instructions for administering the Caneberry crop insurance program.	APPROVED: <i>/s/ Richard Flournoy</i> Deputy Administrator for Product Management

REASON FOR ISSUANCE

This handbook is being issued to provide procedures and instructions for administering the Caneberry crop insurance program for the 2023 and succeeding crop years.

SUMMARY OF CHANGES

Listed below are the changes to the Caneberry Crop Insurance Standards Handbook 2023 FCIC-20420U with significant content change. All changes and additions are highlighted. Minor changes and corrections are not included in this listing. *** used throughout the handbook indicate where major deletions occurred.

In general, revisions to this handbook are made to delete references to the growing practices cut back, grow through, mow down, new planting, and primocane.

Reference	Description of Change
	Throughout changes were made modifying the format.
Subpara. 1A	Referenced the applicable crop year for the CP and clarified the effective period of this handbook.
Subpara. 1B	Revised the section title to Source of Authority, expanded the language regarding authority, and revised date regarding Board action.
Subpara. 1C	Added standard language related to Title VI of the Civil Rights Act of 1964.
Subpara. 1D	Added related handbook table.
Subpara. 2B	Added agent responsibilities.
Para. 14(2)	Deleted reference to growing practices (new planting, mow down, cut back, and grow through) and varietal group for the minimum container number.
Para 14B and C	Deleted acreage report revision requirements applicable when the growing practices changed during the insurance period. Eliminating the growing practices makes such revisions unnecessary.
Para. 21	Clarified that separate price elections by type and practice (if specified on the SP) may be elected if separate prices are specified on the AD.

SUMMARY OF CHANGES (Continued)

Para. 22B(2)	Deleted reference to growing practices (new planting, mow down, cut back, and grow through).
Para. 27(6)	Added the Quality Loss Option to the list of excluded coverages.
Para. 43B	Added instructions specifying that previous production records for the separate growing practices are no longer applicable (i.e., new planting, mow down, cut back, and grow through) and will be combined into the applicable practices that are offered for the current crop year to update Summary Yields and individual databases (i.e., in ground, container, conventional, organic certified or transitional) for the applicable unit, harvest period, and varietal group. Described the use of Summary Yields annually updated for establishing applicable databases and their applicability to databases containing four years of actual production records.
Exhibit 2	Deleted the definitions of the growing practices cut back, grow through, mow down, new planting, and the related definition of primocane and revised the definition of “acre” to remove references to varietal groups.
Exhibit 3	Removed references throughout the exhibit to the growing practices, new planting, mow down, cut back, and grow through and the associated procedures applicable to their use.
Exhibit 4	Reduced the number of examples that resulted with the removal of the growing practices, new planting, mow down, cut back, and grow through. Updated crop year references to the most recent four-year period and removed references to the growing practices.

CANEBERRY CROP INSURANCE STANDARDS HANDBOOK

CONTROL CHART

	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit Page No.	Date	Directive Number
Current Index	1-3	1	1-11	12-21	08-2022	FCIC-20420U

FILING INSTRUCTIONS

This handbook replaces FCIC-20420U (09-2018), Caneberry Crop Insurance Standards Handbook. This handbook is effective for the 2023 and succeeding crop years and is not retroactive to any 2022 or prior crop year determinations.

CANEBERRY CROP INSURANCE STANDARDS HANDBOOK

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PART 1: GENERAL INFORMATION AND RESPONSIBILITIES

1 General Information

A. Purpose

The purpose of this handbook is to provide supplementary instructions for establishing Caneberry crop insurance coverage in accordance with the CP (23-CB-6000), LASH (FCIC-20420L), and the CIH (FCIC-18010). The supplemental RMA-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/Policy-and-Procedure/Privately-Developed-Products---20000.

This handbook remains in effect until superseded by reissuance of either the entire handbook subject to any directives contained in any bulletin or FAD released by RMA. A bulletin or FAD can supersede applicable portions of the original handbook. ***

B. Source of Authority

The Caneberry Crop Insurance Program is approved by the FCIC Board of Directors under Section 508(h) of the Federal Crop Insurance Act. Caneberry Crop Insurance was implemented on September 27, 2018, for the 2019 reinsurance year and 2019 commodity year. The FCIC Board of Directors has approved subsequent changes during 2022 FCIC Board meetings. ***

C. Title VI of the Civil Rights Act of 1964

The USDA prohibits discrimination against its customers. Title VI of the Civil Rights Act of 1964 provides that “No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” Therefore, programs and activities that receive Federal financial assistance must operate in a non-discriminatory manner. Also, a recipient of RMA funding may not retaliate against any person because they opposed an unlawful practice or policy, or made charges, testified or participated in a complaint under Title VI.

It is the AIPs’ responsibility to ensure that standards, procedures, methods, and instructions, as authorized by FCIC in the sale and service of crop insurance contracts, are implemented in a manner compliant with Title VI. Information regarding Title VI of the Civil Rights Act of 1964 and the program discrimination complaint process is available on the RMA public website at www.ascr.usda.gov. For more information on the RMA Non-Discrimination Statement see the DSSH.

D. Related Handbooks

The following table identifies handbooks that shall be used in conjunction with this handbook.

Handbook	Relation/Purpose
CIH	This handbook provides the official FCIC-approved underwriting standards for policies administered by AIPS under the General Administrative Regulations; Actual Production History Regulation Subpart G; Common Crop Insurance Policy Basic Provisions, and Area Risk Protection Regulations (is not crop specific).
DSSH	This handbook provides the official FCIC-approved form standards and procedures for use in the sales and service of any eligible crop insurance policy; required statements and disclosures; and the standards for submission and review of non-reinsured supplemental policies in accordance with the SRA.
GSH	This handbook provides the official FCIC-approved standards for policies administered by AIPS under the General Administrative Regulations; Common Crop Insurance Policy Basic Provisions, including the Catastrophic Risk Protection Endorsement, Actual Production History Regulation Subpart G; Area Risk Protection Regulations Basic Provisions; and the Whole-Farm Revenue Protection Pilot policy.
LAM	This handbook provides the official FCIC-Approved general loss adjustment (not crop-specific) standards for all levels of insurance provided under FCIC unless a publication specifies that none or only specified parts of this handbook apply.
Caneberry LASH	Provides loss adjustment procedures for caneberries.

- (1) Terms, abbreviations, and definitions general (not crop specific) to the Caneberry insurance program are identified in the CIH, GSH, and LAM.
- (2) This handbook contains terms, abbreviations, and definitions specific to the Caneberry insurance program and are listed in [Exhibits 1](#) and [2](#) herein; and specific procedure identified as additions or exceptions to those general procedures are contained in the CIH.

2 Responsibilities

A. AIPs

AIPs must use standards, procedures, methods, and instructions as authorized by FCIC in the sale and service of crop insurance policies. Each AIP is responsible for using RMA approved procedures. Procedures herein must be administered on a policy basis.

In addition to the responsibilities discussed in the CIH, will assist insureds in completing the annual acreage report and advise insureds of their responsibility to comply with all of the reporting requirements of the policy.

B. Agent Responsibilities

In addition to the responsibilities discussed in the CIH, the agent will assist insureds in completing the annual acreage report and advise insureds of their responsibility to comply with all reporting requirements of the policy.

C. Insured

To be eligible for the Caneberry Crop Insurance Program, insureds must comply with all terms and conditions of the Caneberry policy.

3-10 Reserved

PART 2: INSURABILITY

11 Availability

The Caneberry program is available for counties contained in the AD for California.

Written agreements are not allowed under the Caneberry program.

12 Eligibility

A. Caneberry Program

The Caneberry program is available to all persons with a share in insurable Caneberry acreage meeting the insurability provisions contained in the BP, CP, and SP and is located in approved counties in California.

B. Ineligible Persons

Any person with a delinquent debt to RMA or an AIP, or who is otherwise ineligible under the BP may not obtain Caneberry insurance coverage.

13 Important Dates

A. Contract Change Date

August 31 preceding the cancellation date.

B. Sales Closing Date

November 30.

C. Cancellation and Termination Dates

November 30 before the beginning of the crop year.

D. Premium Billing Date

August 15 following the SCD for the crop year.

E. Acreage Reporting Date

For new and carryover insureds:

January 15 following the SCD for the crop year.

F. Insurance Period

(1) Beginning of the Insurance Period Dates:

(a) For new policies: on January 1 following the SCD date; and

13 Important Dates (Continued)

F. Insurance Period (Continued)

- (b) For carryover policies: the day immediately following the end of the insurance period for the prior crop year.
- (2) End of the Insurance Period Dates:
 - (a) The calendar date for the end of the insurance period is November 30 of the calendar year insurance attaches for harvest period 1 and April 30 of the calendar year immediately following the calendar year in which insurance attaches for harvest period 2 (for counties containing two harvest periods, e.g., Ventura County). For example, for Ventura County, insurance would initially attach January 1, 2023, and would end November 30, 2023, for harvest period 1 and April 30, 2024, for harvest period 2.
 - (b) See section 11 of the BP for additional end of insurance provisions.
- (3) See the CP for additional insurance period conditions.

14 Acreage Reporting

Additional acreage reporting requirements include:

- (1) The acreage report will list the insured acreage on a unit basis by basic unit (i.e., share), raspberry and blackberry (crop type), separate harvest periods contained in SP), and non-contiguous optional unit. (Varietal groups are not a basis for basic or optional units.)
- (2) The insured must report:
 - (a) the number of:
 - (i) boxes (of roots) planted per acre for in-ground caneberries; and
 - (ii) the number of plants per acre of container caneberries, separately. ***
 - (b) the number of acres of in-ground and container caneberries (stated in the insured's planting schedule) for the crop year by unit, type, varietal group, and practice (e.g., irrigated, in-ground or container, organic practice and harvest period). ***

(Basic units are established by crop type and separate harvest periods, if applicable. For example, a 100 percent share basic unit may be further separated into two basic units when the SPs contain two harvest periods.)
 - (c) the insured must provide a planting schedule for the crop year. ***

15-20 Reserved

PART 3: CANEBERRY PROVISIONS AND PROGRAM DETAILS

21 Coverage Levels and Prices for Determining Indemnities

Coverage Levels

The insured may select only one coverage level for the insured crop (caneberries). Separate coverage levels by crop type (i.e., raspberries and blackberries) are not applicable.

Prices Elections

The insured may select a different price election by type or practice **if separate prices are specified in the AD**. The price elections the insured chooses for each type or practice must have the same percentage relationship to the maximum price election offered by the AIP for each type or practice. For example, if the insured chooses 100 percent of the maximum price election for one type or practice the insured must also choose 100 percent of the maximum price election for all other types or practices.

22 Insured Crop

A. Insured Crop and Types

The insured crop (commodity) and types are listed in the SP. The insurable crop and types are shown below:

<u>Crop</u>	<u>Types</u>
Caneberries	Blackberries*
	Raspberries

*Coverage for blackberries is not currently available

A single administrative fee is due for the insured crop. Crop types (raspberries and blackberries) are not considered separate crops for administrative fee purposes.

B. Insurability

In accordance with section 7 of the CP,

- (1) the insured crop will be all caneberries in the county for which a premium rate is provided in the AD:
 - (a) in which the insured has a share;
 - (b) that are adapted varieties to the area;
 - (c) that are grown for the production of fresh caneberries;
 - (d) that are irrigated, unless the SP allows a non-irrigated practice; and

B. Insurability (Continued)

- (e) for which the insured provides, when applying for caneberry insurance, the production records for the crop type for the at least the most recent four continuous crop years or as otherwise specified on the SP. (The four-year record requirement applies separately for each crop type, i.e., raspberries may meet the requirement and would be insurable while blackberries, if the four-year record requirement is not met, would not be insurable (once the four-year record requirement for blackberries was met, blackberries would also be insurable. Varietal groups listed under the raspberry type are not used to determine if the four-year record requirement has been met or for determining units).
- (2) insurable acreage will be planted acreage of caneberries that contains the minimum number of:
 - (a) plants per acre for caneberries planted in acceptable containers (based on industry standards) for container acreage; or ***
 - (b) boxes (of roots) per acre for in-ground caneberries; as specified on the SP. Caneberry acreage that does not meet the applicable minimum requirements in [\(2\)\(a\)](#) and [\(b\)](#) will not be insurable.

Note: For purposes of establishing the production guarantee for planted container acreage, the number of bushes per acre in containers must be consistent with the minimum require plant number contained in the SP. (See the definitions of planted acreage and containers.)

23 Causes of Loss

A. Crop Provisions – Insured Causes

The Caneberry CP provide crop insurance coverage only against the following causes of loss that occur within the insurance period:

- (1) adverse weather conditions;
- (2) fire;
- (3) insects, but not damage due to insufficient or improper application of pest control measures;

A. Crop Provisions – Insured Causes (Continued)

- (4) plant disease, but not damage due to insufficient or improper application of disease control measures;
- (5) wildlife;
- (6) earthquake;
- (7) volcanic eruption; or
- (8) failure of the irrigation water supply, if caused by a cause of loss specified in this section that occurs during the insurance period.

B. Exclusions

In addition to the causes of loss excluded in section 12 of the Basic Provisions, coverage is not provided against damage or loss due to:

- (1) mechanical damage;
- (2) failure to harvest in a timely manner for any reason other than due to an insured peril specified in the CP; or
- (3) the inability to market the caneberries for any reason other than actual physical damage to the caneberries from an insurable cause specified in this section. For example, no indemnity will be paid if the caneberries are not marketed due to quarantine, boycott, or refusal of any person to accept production.

24 Unit Division

A. Basic Unit

In addition to establishing basic units as provided in section 34(b) of the BP, basic units may be established for each applicable type (raspberry or blackberry) and harvest period contained in the SP.

B. Optional Units

Instead of establishing optional units as specified in section 34(c) of the BP, optional units may be established if each optional unit is located on non-contiguous land.

C. Enterprise and Whole Farm Units

Enterprise and whole farm units are not allowed under the Caneberry program except as provided on the SP.

25 Quality Adjustment

Caneberry production to count includes:

- (1) All harvestable mature production that meets or exceeds the United States Standards for Grades of U.S. No. 1, or such other applicable grading standards for the caneberry types contained in the SP.
- (2) Damaged production that does not qualify as production under item 1 will not be considered production to count.
- (3) If the grade percent for damaged production (harvested and unharvested) on the unit exceeds the percent contained on the SP, any such production that is not harvested or is harvested and not sold will not be considered production to count. If such production is harvested and sold, it will be considered production to count without regard to grade.

26 Calculation Examples

Example 1:

For the harvest period 1 unit, the insured has a 100 percent share in 10 acres of caneberries with a production guarantee of 7,500 pounds per acre (10,000-pound approved yield × 75 percent coverage level). The price election contained in the AD is \$3.00 per pound. The insured elected 100 percent of the price election.

Due to adverse weather reducing the yield, the total of production to count is 60,000 pounds. The premium rate is 5.0 percent.

The premium due is \$11,250 (7,500-pound per acre production guarantee × \$3.00 per pound price election × 10 acres × .05 premium rate × 100% share).

- (1) 10 acres × 7,500-pound production guarantee/acre = 75,000-pound total production guarantee;
- (2) 75,000-pound production guarantee × \$3.00 price election = \$225,000.00 value of the production guarantee;
- (3) 60,000-pound total production to count × \$3.00 price election = \$180,000.00 value of the production to count;
- (4) \$225,000.00 - \$180,000.00 = \$45,000.00; and
- (5) \$45,000.00 × 1.000 share = \$45,000.00 indemnity payment.

Example 2:

For the harvest period 2 unit, the insured has a 100 percent share in 10 acres of caneberries with production guarantee of 4,500 pounds per acre (6,000-pound approved yield × 75 percent coverage level). The price election in the AD is \$2.50 per pound.

Due to adverse weather reducing the yield, the total production to count is 30,000 pounds. The premium rate is 5.0 percent.

26 Calculation Examples (Continued)

Example 2: (Continued)

The premium due is \$5,625.00 (4,500-pound production guarantee per acre × \$2.50 per pound price election × 10 acres × .05 premium rate × 100% share).

- (1) 10 acres × 4,500-pound production guarantee/acre = 45,000-pound total production guarantee;
- (2) 45,000-pound production guarantee × \$2.50 price election = \$112,500.00 value of the production guarantee;
- (3) 30,000-pound total production to count × \$2.50 price election = \$75,000.00 value of production to count;
- (4) \$112,500.00 - \$75,000.00 = \$37,500.00; and
- (5) \$37,500.00 × 1.000 share = \$37,500.00 indemnity payment.

27 Excluded Coverages and Yield Adjustments

The following coverages and the following yield adjustments do not apply to the Caneberry insurance program:

- (1) Late and Prevented Planting;
- (2) Replanting;
- (3) Yield Exclusion (CIH, Part 16);
- (4) Yield Substitution (CIH, Part 16);
- (5) Trend Adjustment; or
- (6) Quality Loss Option (CIH, Part 16).

Yield cups apply to the previous year's approved yield for the P/T/V (i.e., growing variation) determined under the same conditions as provided in the CIH.

28 Service Forms

The following forms are required for the Caneberry insurance program:

- (1) Application;
- (2) Policy Change; and
- (3) Acreage Report.

29-40 Reserved

PART 4: CROP INSURANCE HANDBOOK

41 CIH Applicability

Specific changes and additions to the CIH and GSH are described in this part. Other applicable CIH and GSH procedures not in conflict with the Caneberry CP and this handbook apply.

42 CIH Part 14, Para. 1411

Record Requirements

Caneberries are included in the list of crops requiring verifiable records.

43 CIH Part 15

A. The Base Period, Para 1502

Caneberries are included in the list of crops to which a lag year will apply. (See section 3(c) of the CP.)

B. Types of Yields, Para. 1503

- (1) Insurance yields for caneberries are established by unit/P/T/V (i.e., growing variation). See [Exhibits 3](#) and [4](#) for guidelines and calculation instructions [at the database level](#).

Note: The insured must provide the most recent four continuous years of acceptable production reports for the crop type (e.g., raspberries) to establish eligibility for the current Caneberry crop insurance program [as provided in Exhibit 3](#) of this handbook.

- (2) Transitional Yields are not applicable.

- (3) [Growing practices \(cut back, grow through, mow down, and new planting\) previously used to establish separate APH databases have been removed from the Caneberry program. The production records for those practices will be combined into the applicable practices that are offered for the current crop year to update Summary Yields and individual APH databases for each type, varietal group and practice \(i.e., irrigated, in ground or container, organic practice, and harvest period\) for the applicable unit in accordance with procedures contained in Exhibits 3 and 4.](#)

- (4) [Summary Yields established in Crop Type Summary databases will be updated annually and used to complete applicable APH databases, including added APH databases, that do not contain four years of actual records for the crop year.](#)

- (5) [Summary Yields do not apply to a database once four years of actual production records are reported and the database contains four actual yields \(including assigned yields\). APH procedures contained in the CIH applicable to the Caneberry program will apply. \(Production records for such APH databases will continue to be used to update Crop Type Summary databases.\)](#)

Part 16, Sections 1, 2, and 3 are not applicable.

A. Caneberries

- (1) are considered a Category B crop;
- (2) are covered under the APH coverage plan (90); and
- (3) utilize APH procedures contained in the CIH and this handbook to establish and maintain APH databases to determine insurance yields.

B. Insurability Requirements/Availability

- (1) The Caneberry program is available for California counties contained in the AD.
- (2) Written agreements are not allowed under the Caneberry program.

C. Record Requirements

Applicable requirements for separate acceptable production records apply (records by unit and P/T/V). Any production for a basic unit (established by share, type and harvest period) reported in one harvest period that is harvested in the following harvest period (for a county with two harvest periods, e.g., Ventura County) will be reported as production in the harvest period applicable for the unit.

EXHIBITS

Exhibit 1 Acronyms and Abbreviations

The following table contains RMA-approved acronyms used in this handbook.

Approved Acronyms	Term
AD	Actuarial Documents
AIP	Approved Insurance Provider
APH	Actual Production History
BP	Basic Provisions
CAT	Catastrophic Risk Protection Endorsement
CB	Caneberry(ies)
CIH	Crop Insurance Handbook
CP	Crop Provisions
DSSH	Document and Supplemental Standards Handbook
FAD	Final Agency Determination
FCIC	Federal Crop Insurance Corporation
GSH	General Standards Handbook
LAM	FCIC-25010 Loss Adjustment Manual
LASH	Loss Adjustment Manual
OPI	Office of Primary Interest
P/T/V	Practice/Type/Variety (Varietal Group)
P/V	Practice/Variety (Varietal Group)
RMA	Risk Management Agency
SCD	Sales Closing Date
SP	Special Provisions
USDA	United States Department of Agriculture

Exhibit 2 Definitions

Acre: An acre will be each physical acre of:

- (a) In-ground caneberry types containing the minimum number of boxes (of roots) per acre specified on the Special Provisions; and
- (b) Container caneberry types containing the minimum number of plants per acre specified on the Special Provisions. ***

Adapted varieties: Varieties of the insured crop that are recognized as compatible with agronomic and weather conditions in the county where caneberry insurance coverage is provided in the AD.

Box: A container of 25 lbs. of caneberry roots.

Caneberries: The edible fruit of the caneberry types contained in the Special Provisions which are grown for the commercial sale of fresh raspberries and blackberries.

Container: A container with dimensions commonly use in caneberry production and:

- (a) Containing a recommended growing medium;
- (b) Containing the required minimum weight of roots per container specified in the Special Provisions; and
- (c) Meeting all other insurability requirements contained in the Special Provisions, if applicable.

Crop year: The period January 1 and extending until the second April 30. Crop year is designated by the year in which the insurance period begins. ***

Damaged production: Caneberries ready to harvest that due to an insured cause of loss do not meet the United States Standards for Grades of U.S. No. 1 or other applicable grading standards for the caneberry types contained in the Special Provisions. ***

Harvest: The picking or removal of mature caneberries from the plant either by hand or machine.

Harvest period: Each timeframe as specified in the Special Provisions.

Mature production: Caneberries ready to harvest that meet or exceed the United States Standards for Grades of U.S. No. 1, for the caneberry types contained in the Special Provisions or such other applicable grading standards, if allowed on the Special Provisions.

Mechanical damage: Damage to the plant or fruit caused by improper use of machinery or tools. ***

Planted acreage: In addition to the definition of planted acreage contained in the Basic Provisions, planted acreage of caneberries will include caneberries planted in containers.

Planting schedule: A document containing the number of caneberry acres for each unit, by harvest period, practice, and varietal group for the crop year.

Exhibit 2 Definitions (Continued)

Practice: Each production practice, by harvest period, contained in the Special Provisions used for producing in-ground or container caneberries. ***

Type: A category of caneberries of the genus *Rubus*, subgenus *Ideobatus* (raspberries) and *Eubatus* (blackberries) identified as a type in the Special Provisions.

Unit of measure: Pounds, unless otherwise specified in the Special Provisions.

Varietal group: A category (containing one or more varieties) within a type of caneberries and contained in the Special Provisions.

Exhibit 3 APH Yield Procedures for Caneberries

A. Overview

The APH yield for caneberries is an APH yield calculated using the insured's actual yields for the crop type, which are reported by the production reporting date for the most recent four continuous crop years. Such records are used to establish a Crop Type Summary Database and Yield to be used to populate all required APH databases by P/T/V for the insured that contain fewer than four actual yields.

B. Location and Eligible Crops

California Counties in which the Caneberry Crop Insurance Program is available in the AD. (Currently, only the raspberry type is insurable.)

C. Eligible Coverage Levels

The Caneberry Crop Insurance Program is available for coverage levels in 5 percent increments ranging from 50 to 75 percent and includes Catastrophic Risk Protection (CAT) coverage.

D. Minimum Production Requirement

The most recent four continuous crop years of acceptable production reports, supported by acceptable production records, for the crop type are required to establish eligibility for the Caneberry program.

E. Lag Year Crop

Caneberries are a lag year yield crop, thus temporary yields are not required.

F. APH Databases

(1) Crop Type Summary Database

- (a) For the initial crop year, Caneberry crop insurance is obtained by the insured, all production for the crop type without regard to unit or P/V will be used in the completion of Crop Type Summary Database and calculation of the Summary Yield.

Beginning with the 2023 crop year, cut back, grow through, mow down, and new planting are not offered as growing practices. For the 2023 crop year, databases established with these discontinued practices will be combined in accordance with CIH Para. 1522 and used to determine the Summary Yield.

- (b) The Crop Type Summary database (identified with a "MR" indicator and unit number of 0000-0000) will contain a maximum of the most recent four continuous crop years of acceptable acreage and production information for the crop type.
- (c) A four-year average yield will be computed resulting in a Crop Type Summary Yield that will be used to complete APH databases by P/T/V with less than four years of actual yields.

F. APH Databases (Continued)

(d) For each subsequent crop year:

- (i) The Crop Type Summary database will be updated with the most recent crop year's total production, acreage and yield with the oldest crop year total production, acreage and yield being removed (i.e., "rolled out").
- (ii) The updated Crop Type Summary Yield will be used to complete unit/growing variation APH databases that do not contain four years of actual or assigned yields for the unit/growing variation.

Note: For processing purposes in county(ies) where insureds have elected different price percentages by harvest period, where applicable, a replicated Summary Database for each harvest period must be sent to RMA via PASS.

(2) Unit/Growing Variation Databases

- (a) Separate APH databases for the unit will be established for each applicable growing variation for the caneberry crop type contained in the insured's operation. The growing variation APH databases will be established for each unit (i.e., basic unit by share and separate harvest periods, if applicable, and optional units) based on the varietal group (A and B) and practice. The practice is subdivided into planting practices (in-ground and container); irrigated; organic (certified and transitional). ***

Growing Variation Example: Varietal Group A/In-Ground/Irr./ Organic-Certified

- (b) For each unit/growing variation, the APH database will be established using up to ten continuous crop years of acceptable production records.
- (c) Unit/growing variation APH databases containing fewer than four continuous actual yields (or assigned yields if applicable) will have the Crop Type Summary Yield determined for the current crop year entered in the oldest crop year(s) to complete the database. The Crop Type Summary Yield used in the unit/growing variation APH database will be identified with a "F" yield descriptor and the database will be identified with a "MR" yield indicator.

Example: The Crop Type Summary Yield contained in the **current crop year** Crop Type Summary database would be used to fill missing crop year yields in the **current crop year** unit/growing variation APH database.

- (d) The Crop Type Summary Yield will not apply for any unit/growing variation APH database that is established based on an acceptable production report submitted for the current crop year that contains four or more continuous crop years of production, acreage and actual yields. The production reports and actual yields will be used to complete the unit/growing variation APH database and establish the approved yield for

(2) Unit/Growing Variation Databases (Continued)

the unit/growing variation in accordance with standard APH procedures that are applicable to the Caneberry program. ***

- (e) For each subsequent crop year, an acceptable production report containing actual acreage and production for the unit/growing variation will be submitted and entered into the applicable unit/growing variation APH database for the crop year. Assigned yields apply for any crop year if acceptable production reports are not timely submitted. A “Z” yield descriptor will be entered for any crop year in which the growing variation is not produced on the unit.
- (f) With each additional production report, the oldest “F” yield in the unit/growing variation APH database will be removed until the APH database only contains actual yields based on acceptable actual acreage and production (or assigned yields, if applicable).
- (g) Upon removal of all “F” yields from the unit/growing variation APH database, standard APH procedure applicable to the Caneberry program will be used to update the unit/growing variation APH database building to a 10-year APH database. See [Para. 27](#) of this handbook regarding cups (yields cups are applied at the unit/growing variation APH database level). ***

G. Added Types, Varietal Groups, Practices and Added Land

- (1) Added Types. Raspberries and blackberries are the crop types that may be insured under the Caneberry Crop Insurance Program. Currently, raspberries are the only insurable type for which insurance coverage is offered.

If the Caneberry program is expanded to cover blackberries, items A – F apply for purposes of establishing coverage and APH databases and approved yields for the blackberry crop type.

- (2) Added Varietal Groups, Practices, and Land. The applicable Crop Type Summary Yield will be used to establish the unit/growing variation APH databases in the insured’s operation for the current crop year.

Established Crop Type Summary Databases and unit/growing variation APH databases will then be updated as provided in item F(1) and (2).

H. Policy Acceptance and Storage System (PASS) Reporting Requirements

- (1) AIPs must submit to RMA APH records in accordance with applicable procedures contained in the CIH, Appendix III and this handbook. Applicable yield descriptors will apply to the actual, assigned, and other yield types (e.g., “Z” yield descriptor) contained in the applicable individual APH databases.

Exhibit 3 APH Yield Procedures for Caneberries (Continued)

H. Policy Acceptance and Storage System (PASS) Reporting Requirements (Continued)

- (2) The Crop Type Summary Database will be identified with a “MR” yield indicator with a unit number of 0000-0000.
- (3) Unit numbers will be assigned according to standard numbering procedure contained in the CIH and will apply to unit/growing variation APH databases.

I. Agents/AIP Responsibilities

- (1) Consistent with CIH APH procedures, agents must complete applicable databases for the Crop Type Summary Database and unit/growing variation for each APH crop year used to establish summary and approved yields. For example, a separate APH database must be established for the raspberry crop type for each unit (by share, harvest period 1, or non-contiguous optional) and growing variation for varietal group A, in-ground, irrigated, conventional practice that is carried out when the county AD indicates a raspberry crop type, harvest period 1, varietal group A, in-ground, irrigated, conventional practice. ***
- (2) The AIP must review the applicable Crop Type Summary Database and unit/growing variation APH databases, verify the yields for each were calculated correctly, approve and transmit unit/growing variation yields as a PASS type 15 record to RMA each crop year, verify the Summary Yield used in the individual APH databases is identified with the “F” yield descriptor and the Crop Type Summary Database is identified with the yield indicator “MR” and unit number 0000-0000.

J. Yield Reductions

Yield reductions are applicable in accordance with section 3(d) and (e) of the Caneberry Crop Provisions and applicable procedures contained in the CIH.

K. New Producer/Beginning Farmer/Rancher

New producers and beginning farmers/ranchers who cannot meet the minimum 4-year production record requirement, may be eligible for Caneberry insurance coverage if they qualify for the use of Transfer of APH Data or Use of Another Person’s Production History provisions under the CIH, Para 1507, 1508, 1509, and 1510. In such instances, the most recent four years of continuous production records for the crop type must qualify and be transferred. Crop Type Summary Yields and unit/growing variation yields will be established as provided in F(1) and (2).

Exhibit 4 APH Yield Calculations and Examples

Establishing APH Databases and Yields (Summary Databases and P/T/V Databases)

Growing Variation Abbreviations

Harvest Period 1	HP1	Container	P
Harvest Period 2	HP2	Conventional	C
Varietal Group A	VA	Organic - Certified	OC
Varietal Group B	VB	Organic - Transitional	OT
In-Ground	IG	***	

2023 Crop Year

The insured submits a production report for the raspberry crop type for the most recent four continuous crop years for the 2023 crop year (2018-2021; canberries are a lag-year crop) for two basic units, by share. (The county does not contain separate harvest periods; basic unit databases by harvest period do not apply.) Reported total raspberry production for the most recent four APH crop years is used to establish a Crop Type Summary Database.

2023 Raspberry Crop Type Summary Database – (Total production from units 0001-0000BU and 0002-0000BU) – Yield Indicator - MR

Crop Year	Total Production	Acres	Yield	Yield Descriptor
2018	115,000	20.0	5,750	A
2019	125,000	20.0	6,250	A
2020	110,000	20.0	5,500	A
2021	120,000	20.0	6,000	A
		Total	23,500	
		Average Yield	5,875	
		Summary Yield	5,875	

Example:

The insured intends to grow for the current crop year the following growing variation: varietal group A; irrigated; in-ground; conventional on the same basic units. A separate growing variation APH database will be established for each basic unit for varietal group A, irrigated, in-ground, conventional crop production combination. Since Summary yields are used, identify each APH database with the “MR” yield indicator. ***

00010000BU/VA/Irr/IG/C

00020000BU/VA/Irr/IG/C ***

Crop Year	Total Production	Acres	Yield	Yield Desc.	Crop Year	Total Production	Acres	Yield	Yield Desc.
2018	115,000	20.0	5,875	F	2018	115,000	20.0	5,875	F
2019	125,000	20.0	5,875	F	2019	125,000	20.0	5,875	F
2020	110,000	20.0	5,875	F	2020	110,000	20.0	5,875	F
2021	120,000	20.0	5,875	F	2021	120,000	20.0	5,875	F
		Total	23,500				Total	23,500	
		Approved Yield	5,875				Approved Yield	5,875	

Exhibit 4 APH Yield Calculations and Examples (Continued)

2024 Crop Year

The 2023 Crop Type Summary Database for units 0001-0000BU and 0002-0000BU is updated for the 2024 crop year with the most recent crop year’s production record; the oldest crop year record is removed (only the most recent four years of records are used to establish the Crop Type Summary Database - 2019-2022). Insurable causes reduced the 2022 crop type and growing variation production.

2024 Raspberry Crop Type Summary Database – (Total production from units 0001-0000BU and 0002-0000BU) – Yield Indicator - MR

Crop Year	Total Production	Acres	Yield	Yield Desc.
2019	125,000	20.0	6,250 ***	A
2020	110,000	20.0	5,500	A
2021	120,000	20.0	6,000	A
2022	104,720	20.0	5,236	A
		Total	22,986	
		Average Yield	5,747	
		Summary Yield	5,747	

Example:

The 2023 crop year growing variation APH database will be updated with the actual yields for the 2022 crop year for each basic unit representing the growing variation (varietal group A, in-ground, Irr., conventional crop production combination). The F-Yields entered for the 2019-2021 crop years are based on the updated 2023 Summary Yield and the APH databases identified with the “MR” yield indicator. **The 10% cup was applied to 0002000BU/VA/IG/C. *****

00010000BU/VA/Irr/IG/C

00020000BU/VA/Irr/IG/C ***

Crop Year	Total Production	Acres	Yield	Yield Desc.	Crop Year	Total Production	Acres	Yield	Yield Desc.
2019	125,000	20.0	5,747	F	2019	125,000	20.0	5,747	F
2020	110,000	20.0	5,747	F	2020	110,000	20.0	5,747	F
2021	120,000	20.0	5,747	F	2021	120,000	20.0	5,747	F
2022	73,710	10.0	7,371	A	2022	31,010	10.0	3,101	A
		Total	24,612				Total	20,342	
		Approved Yield	6,153				Approved Yield	5,086	

Exhibit 4 APH Yield Calculations and Examples (Continued)

2024 Crop Year – New Varietal Group

The producer intends to produce Varietal Group B raspberries for the 2024 crop year on 00010000BU. A growing variation APH database will be established for the basic unit representing the new varietal group for the growing variation irrigated, in-ground, conventional crop production combination. ***

Production records for the new varietal group are not available to complete the four-year APH database for the growing variation. The 2024 Crop Type Summary Database and Summary Yield (5,747) are used to establish the applicable growing variation APH database and yield.

2024 Raspberry Crop Type Summary Database – (Total production from units 0001-0000BU and 0002-0000BU)

– Yield Indicator - MR

Crop Year	Total Production	Acres	Yield	Yield Desc.
2019	125,000	20.0	6,250	A
2020	110,000	20.0	5,500	A
2021	120,000	20.0	6,000	A
2022	104,720	20.0	5,236	A
		Total	22,986	
		Average Yield	5,747	
		Summary Yield	5,747	

00010000BU/VB/Irr./IG/C

Crop Year	Total Production	Acres	Yield	Yield Desc.
2019	125,000	20.0	5,747	F
2020	110,000	20.0	5,747	F
2021	120,000	20.0	5,747	F
2022	104,720	20.0	5,747	F
		Total	22,986	
		Approved Yield	5,747	