

United States
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Federal Crop
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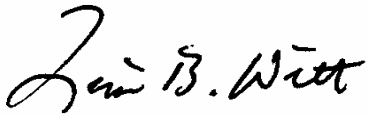
Product
Development
Division

FCIC-25660 (11-2003)
FCIC-25660-1 (10-2004)

CABBAGE PILOT LOSS ADJUSTMENT STANDARDS HANDBOOK

2005 and Succeeding Crop Years

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

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| FEDERAL CROP INSURANCE HANDBOOK | NUMBER: 25660 (11-2003) 25660-1 (10-2004) |
| SUBJECT: CABBAGE PILOT LOSS ADJUSTMENT STANDARDS HANDBOOK 2005 AND SUCCEEDING CROP YEARS | DATE: October 20, 2004 |
| | OPI: Product Development Division |
| | APPROVED:  Deputy Administrator, Research and Development |

THIS HANDBOOK CONTAINS THE OFFICIAL FCIC-APPROVED LOSS ADJUSTMENT STANDARDS FOR THIS CROP FOR THE 2005 AND SUCCEEDING CROP YEARS. IN THE ABSENCE OF INDUSTRY-DEVELOPED, FCIC-APPROVED PROCEDURE FOR THIS CROP FOR 2005 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 that have been **highlighted**. Three stars (***) identify where information has been removed.

Changes for Crop Year 2005 (FCIC-25660-1) issued **OCTOBER 2004**:

- A. Page 1, subsection 2 A: Revised to state, “the following is the minimum distribution of forms completed by the adjuster and signed by the insured for the loss adjustment inspection.”
- B. Page 20, subsection 9B, SECTION I, item A: Revised language pertaining to first crop and second crop language. Also revised language on page 29, item A₂.
- C. Page 35, **TABLE B**: Revised item (3) language stating instructions for row widths other than those in **TABLE B**.

CABBAGE (PILOT) LOSS ADJUSTMENT STANDARDS HANDBOOK

SUMMARY OF CHANGES/CONTROL CHART (Continued)

| Control Chart For: Cabbage (Pilot) Loss Adjustment Standards Handbook | | | | | | |
|-----------------------------------------------------------------------|------------|------------|-------------------------------------------------|--------------------|---------|------------------|
| | SC Page(s) | TC Page(s) | Text Page(s) | Reference Material | Date | Directive Number |
| Remove | 1-4 | | 1-2 19-20 29-30 | 35-36 | 11-2003 | FCIC-25660 |
| | | | | | 11-2003 | FCIC-25660 |
| | | | | | 11-2003 | FCIC-25660 |
| | | | | | 11-2003 | FCIC-25660 |
| | | | | | 11-2003 | FCIC-25660 |
| Insert | 1-2 | | 1-2 19-20 29-30 | 35-36 | 11-2004 | FCIC-25660-1 |
| | | | | | 11-2004 | FCIC-25660-1 |
| | | | | | 11-2004 | FCIC-25660-1 |
| | | | | | 11-2004 | FCIC-25660-1 |
| | | | | | 11-2004 | FCIC-25660-1 |
| Current Index | 1-2 | 1-4 | 1-2 3-18 19-20 21-28 29-30 31-34 | 35-36 37-40 | 11-2004 | FCIC-25660-1 |
| | | | | | 11-2003 | FCIC-25660 |
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| | | | | | 11-2004 | FCIC-25660-1 |
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1. INTRODUCTION

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

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 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 **and signed by the insured** for the loss adjustment inspection:

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

It is the insurance providers' responsibility to maintain original insurance documents relative to policyholder servicing as designated in their approved plan of operations.

B. TERMS, ABBREVIATIONS, AND DEFINITIONS

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

(3) **Abbreviations:**

| | |
|------------|------------------------------|
| APH | Actual Production History |
| CAT | Catastrophic Risk Protection |
| CIH | Crop Insurance Handbook |

(4) Definition(s):

| | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Contract Price | The price per hundredweight stipulated in the processor contract executed between the insured and the processor without regard to discounts or incentives that may apply. |
| Harvest | Cutting of cabbage plant to sever the head from the stalk. |
| Inspected Transplants | Cabbage plants that have been found to meet the standards of the public agency that is responsible for the inspection process within the State in which they are grown. |
| Local Market Price | The price per hundredweight for cabbage at the time of harvest offered by buyers in the area in which the insured normally markets the cabbage. |
| Marketable Cabbage | Cabbage that is free from such physical defects or damage that would make it unmarketable or that grade at least United States Commercial for fresh-market cabbage or United States Number 2 for processing cabbage. |

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 the cabbage types in the county that are listed in the Special Provisions, for which a premium rate is provided by the actuarial documents, in which the insured has a share, and that are:
 - (a) Planted with inspected transplants (if required by the Special Provisions);
 - (b) Planted with hybrid seed, if direct seeded (unless otherwise permitted by the Special Provisions);
 - (c) Planted within the planting periods designated in the Special Provisions;
 - (d) Planted for harvest as marketable cabbage for:
 - 1 Fresh market; or

2 Processing, if they are:

a Grown under a processor contract executed before the acreage reporting date; and

b Not excluded from the processor contract at any time during the crop year; and

(e) Unless allowed by the Special Provisions:

1 Not interplanted with another crop; and

2 Not sold by direct marketing.

(2) Any acreage that does not meet the rotation requirements contained in the Special Provisions will not be insurable.

(3) Any acreage of the insured crop damaged before the end of the planting period, to the extent that a majority of producers in the area would normally not further care for the crop, must be replanted unless the insurance provider agrees that replanting is not practical. Refer to the LAM for replanting provision issues. Refer to section 4 of this handbook for replanting payment procedures.

B. PROVISIONS NOT APPLICABLE TO CAT COVERAGE

(1) Optional units.

*** (2) Hail and Fire Exclusion provisions (also not applicable if additional coverage is less than 65/100 or equivalent coverage).

(3) Replanting Payments.

NOTE: Refer to the CIH and LAM for other provisions not applicable to CAT.

C. UNIT DIVISION

Refer to the insurance contract for unit provisions. **NOTE:** Unless limited by the Special Provisions, optional units may be established for each cabbage type and planting period, if the insured has met all the requirements of section 34 of the Basic Provisions.

D. QUALITY ADJUSTMENT

The production to count for harvested marketable cabbage may be reduced as a result of a loss in quality due to any insurable cause(s) of loss. Refer to the Cabbage Crop Provisions for quality adjustment requirements.

- (1) The net production to count for cabbage grown for fresh or process use will be determined by:
 - (a) Determining the quality adjustment factor by dividing the value per hundredweight of the damaged cabbage by either the local market price (for fresh cabbage) or the base contract price (for processed cabbage).
 - (b) Multiplying the number of hundredweight of eligible damaged cabbage by the factor in (a) above to determine the net production to count in hundredweight.
- (2) Refer to the LAM regarding contract prices in regard to quality adjustment. THE QUALITY ADJUSTMENT FACTOR CANNOT BE GREATER THAN 1.000 or less than (.000).
- (3) Document quality adjustment information as described in the instructions for the “Narrative” section of the claim form (section 9 B), or on a Special Report.

4. REPLANTING PAYMENT PROCEDURES

A. GENERAL INFORMATION

- (1) Replanting payments made on acreage replanted using a practice that was uninsurable as an original planting will require the deduction of the replanting payment for such acreage from the original unit liability. If the unit dollar loss (final claim) is less than the original unit liability minus such replanting payment, the actual indemnity dollar amount will not be affected by the replanting payment. The premium will not be reduced.
- (2) No replanting payment will be made on acreage on which one replanting payment has already been allowed for the crop year.

B. QUALIFICATIONS FOR REPLANTING PAYMENT

To qualify for replanting payment, the:

- (1) Insured crop must be damaged by an insurable cause;
- (2) Insurance provider determines that it is practical to replant;
- (3) Acreage must not have been initially planted or seeded prior to the initial planting dates or after the final planting period dates designated by the Special Provisions;
- (4) Per-acre appraisal (or appraisal plus any appraisals for uninsured causes of loss) must be less than 90 percent of the per-acre production guarantee for the acreage the insured intends to replant (Refer to Section 5, “Cabbage Appraisals”);

- (5) Acreage replanted must be AT LEAST the lesser of 20 acres or 20 percent of the insured **planted** acreage for the unit (as determined on the final planting date); and
- (6) Insurance provider has given consent to replant.

NOTE: In the narrative of the claim form or on **Special Report**, show the appraisal **for each field or subfield** and **the** calculations to document that **the** qualifications for a replanting payment have been met.

C. MAXIMUM REPLANTING PAYMENT

The maximum amount of the replanting payment per acre will be the LESSER OF:

- (1) The insured's actual replanting cost;
- (2) The product of multiplying the maximum hundredweight (**cwt.**) allowed in the policy (50.0 hundredweight for reseeding and 40.0 hundredweight for transplanting) by the insured's fresh-market cabbage price election times the insured's share in the crop; or

NOTE: The fresh-market cabbage price election will be used to determine processing cabbage replant payments in counties with fresh-market and processing practices.

- (3) 20 percent of the production guarantee times the fresh-market cabbage price election times the insured's share.

NOTE: Compute the number of hundredweight per acre allowed for a replanting payment by dividing the **maximum payment** by the fresh-market cabbage price election. *** Show all calculations in the Narrative of the claim form or on a Special Report.

EXAMPLE 1

Owner/operator (100 percent share).
 30.0 acres replanted.
 The replanted cabbage was transplanted.
 Insured's actual cost to replant = \$190.00 per acre
 Fresh-market cabbage price election = \$5.00 per cwt.
 20 % of prod. guar. (400.0 cwt.) = 80.0 cwt. x \$5.00 (fresh-market cabbage price election) = \$400.00 x 1.000 (share) = \$400.00.
 40.0 cwt. (Maximum hundredweight allowed in the policy) 40.0 cwt. x \$5.00 (fresh-market cabbage price election) x 1.000 (share) = \$200.00
 The lesser of \$190.00, \$200.00 and \$400.00 is \$190.00
 Actual hundredweight per acre allowed = 38.0 cwt. (\$190.00 ÷ \$5.00).

NOTE: Enter 38.0 **cwt.** in Section I, "Adjusted Potential" column of the claim form.

EXAMPLE 2

Landlord/tenant (50/50 share).

25.0 acres replanted.

The replanted cabbage was transplanted.

Insured's actual cost to replant = \$160.00 per acre.

Fresh-market cabbage price election = \$5.00 per cwt.

20 % of prod. guar. (400.0 cwt.) = 80.0 cwt. x \$5.00 (fresh-market cabbage price election) = \$400.00 x .500 (share) = \$200.00

40.0 cwt. (maximum hundredweight allowed in policy) x \$5.00 = \$200.00 x .500 (share) = \$100.00

The lesser of \$160.00, \$200.00 and \$100.00 is \$100.00.

Actual hundredweight per acre allowed = 20.0 cwt. ($\$100.00 \div \5.00)

NOTE: Enter 20.0 cwt. in Section I, "Adjusted Potential" column **of the claim form** if share has been applied or 40.0 cwt. if share has yet to be applied. (Follow individual insurance provider guidelines.) Indicate in the narrative if adjusted potential has/has not been reduced for share on claim form according to individual **insurance provider** guidelines.

D. **REPLANTING PAYMENT INSPECTIONS**

*** Replanting payment inspections are to be prepared as final inspections on the claim form only when qualifying for a replanting payment. Non-qualifying replanting payment inspections (**unless the claim is withdrawn by the insured**) are to be handled as preliminary inspections. If qualified for a replanting payment, a Certification Form may be prepared on the initial farm visit. Refer to the LAM.

5. **CABBAGE APPRAISALS**

A. **GENERAL INFORMATION**

Potential production **for all types of inspections** will be appraised in accordance with procedures as specified in this handbook and the LAM.

B. **SELECTING REPRESENTATIVE SAMPLES FOR APPRAISALS**

- (1) Determine the **minimum** number of required samples for a field or subfield by the field size, the average stage of growth, age (size) and general capabilities of the plants, and variability of potential production and plant damage within the field or subfield.
- (2) Split the field into subfields when:
 - (a) Variable damage causes the crop potential to appear to be significantly different within the same field; or

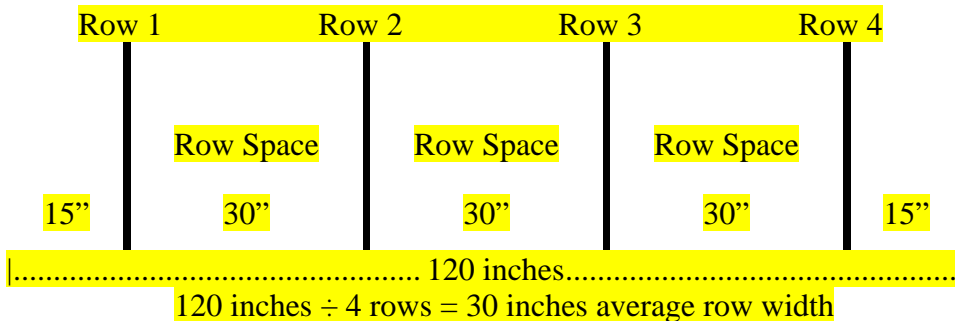
- (b) The insured wishes to destroy a portion of a field.
- (3) Each field or subfield must be appraised separately.
- (4) Take not less than the minimum number (count) of representative samples required in TABLE A for each field or subfield.

C. MEASURING ROW WIDTH FOR SAMPLE SELECTION

Use these instructions for all appraisal methods that require row width determinations:

- (1) Use a measuring tape marked in inches or convert a tape marked in tenths, to inches, to measure row width (refer to the LAM for conversion table).
- (2) Measure across FOUR OR MORE rows, from the center of the first row space to the center of the fifth row space (or as many rows as needed), and divide the result by the number of rows measured across, to determine an average row width.

EXAMPLE:



- (3) Apply average row width to TABLE B to determine the row length required for the sample row necessary to equal 1/100th of an acre.

D. SAMPLING PROCEDURE STANDARDS

- (1) Determine average cabbage growth stage in selected representative samples. This will be the most advanced stage of development in which at least 50% of the plants in the representative sample have reached.
- (2) Use the stage of growth at the date of adjustment (the date when the adjuster first appraises crop damage) when determining yield loss.

NOTE: The correct timing of crop damage appraisals is important to establish growth stage and original cause of damage before additional damage occurs.

E. APPRAISAL FOR DIRECT MARKETED PRODUCTION

- (1) The insured must notify the insurance provider at least 15 days prior to beginning of harvest for cabbage which will be sold by direct marketing. (A cabbage crop that will be sold by direct marketing is not insurable unless otherwise provided by the Special Provisions.)
- (2) The insurance provider will conduct a pre-harvest appraisal that will be used to determine the production to count for any acreage in the unit where production will be sold through direct marketing.
- (3) If damage occurs after the pre-harvest appraisal and the insured has provided immediate notice, the insurance provider will conduct additional appraisals.
- (4) The pre-harvest appraisal and any acceptable records provided by the insured will be used to determine the production to count for the unit.

F. STAGES OF GROWTH

| STAGE | DESCRIPTION | APPRAISAL METHOD |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Stage 1 | Cotyledonary stage with only seed leaves present. | Immature |
| Stage 2 | Early seedling with up to 6 true leaves. | Immature |
| Stage 3 | Late seedling with 9 to 12 true leaves and the base of the stem still visible from above the plant. | Immature |
| Stage 4 | Precupping, approximately 13 to 19 leaves. By the end of this stage, the base of the stem and the bases of all leaves are concealed when the plant is viewed from above. The innermost heartleaves are growing upright and are visible without moving any of the surrounding leaves. | Immature |
| Stage 5 | Cupping, approximately 20 to 26 leaves. The innermost heartleaves are still growing upright and are concealed by the larger, older leaves surrounding them. All visible leaves will later become the frame leaves of the mature plant. The central bud can be broken off relatively easily. | Immature |
| Stage 6 | Early head formation, approximately 2.5 to 4 inches in diameter. The inner heartleaves, now quickly developing as a ball-like structure of overlapping leaves, are concealed by the surrounding larger leaves. These leaves do not press tightly against the developing head and will later unfold to become frame leaves. | Immature |
| Stage 7 | Head fill, approximately half grown. A firm, round head is visible within the wrapper leaves (the 4 outer loose leaves that touch the mature head). The head has not fully developed. | Immature |
| Stage 8 | Mature, approximately a 6 to 12 inch diameter head. No new visible leaf production will occur after the head has attained maximum hardness and size. | Mature |

6. APPRAISAL METHODS

A. GENERAL INSTRUCTIONS

These instructions provide information for appraisal methods for:

| Appraisal Method.... | Use.... |
|----------------------|------------------------------------------------------------------------------------|
| Immature | For appraising cabbage that has not reached the level of maturity to be harvested. |
| Mature | For appraising cabbage that has reached the level of maturity to be harvested. |

NOTE: Refer to the LAM for information on Spring Planted Crops and Non-Emerged Seed.

B. IMMATURE METHOD

- (1) Use Part I of the appraisal worksheet to record appraisal determinations for this appraisal method.
- (2) Apply this method in the following sequence:
 - (a) Measure the length of row that equals 1/100th of an acre (refer to **TABLE B** for sample row length requirements).
 - (b) Count the number of **live** plants at the time of appraisal in the sample row.

NOTE: For direct-seeded fields, make within-row plant spacing measurements only after the stand has been thinned. If the appraisal cannot be deferred until the stand is thinned, count only the plants with the intended plant spacing in the sample row.

- (c) Determine the pounds-per-plant factor.
 - 1 Measure the within-row plant spacing.
 - a Select a row section of at least 50 consecutive plant positions, preferably without skips. If skips are present, count the number of plant positions within the skip.
 - b Measure the number of inches between the 1st plant position and the 51st plant position.

NOTE: This allows for the equal space on each side of the 1st and the 50th plant.

c Divide the number of inches by the number of plant positions. Round to the nearest **tenth of an inch**.

- 2 Determine the number of cabbage plant positions per acre from **TABLE C**. The within-row plant spacing is given in column one of the vertical axis. The horizontal axis lists row width. The number of plants per acre, or plant population, is given by the intersection of these two values.

NOTE: For plant positions per acre not shown in **Table C**, multiply the row width (in whole inches) times the plant spacing (nearest tenth of an inch) and divide the result into 6,272,640 square inches per acre (round result to the nearest whole number). (43,560 square feet per acre x 144 square inches = 6,272,640 square inches per acre.)

Example: 7.4 in. plant spacing
31 in. row width
31 in. x 7.4 in. = 229.4 sq. in./plant position
6,272,640 sq. in./acre ÷ 229.4 sq. in./plant position = 27,344 plant positions per acre

- 3 Calculate the pounds-per-plant factor, to the nearest hundredth, based on the following formula: (APH yield ÷ the plant positions per acre) times 100.

Example: APH yield = 400 cwt.
16 in. plant spacing
32 in. row width
16 in. x 32 in. = 512 sq. in./plant position
6,272,640 sq. in./acre ÷ 512 sq. in./plant position = 12,251 plant positions per acre
(400 cwt. ÷ 12,251 plant positions per acre) x 100 = 3.27 pounds-per-plant factor

- (4) Complete the appraisal worksheet to obtain the appraised hundredweight of cabbage per acre.

C. MATURE METHOD

- (1) Use Part II of the appraisal worksheet to record appraisal determinations for this appraisal method.
- (2) Determine the number of heads per acre **in the same manner** as described **for determining plant positions per acre in subsection 6 B (2) (c) 1 – 2**.
- (a) Establish the average weight of the sample heads.

- 1 Select 10 consecutive marketable heads for each sample. Remove the wrapper leaves that normally would be removed during harvesting.
 - 2 Refer to **TABLE A** for minimum sampling requirements.
 - 3 Weigh each 10-head sample and round to the nearest tenth of a pound.
 - (b) Determine the average percent of marketable heads in a designated row length.
 - 1 Select a representative **sample row** near each 10-head weight sample area.
 - 2 Use Column 2 (feet per 100 plants) of **TABLE C** to determine the row length necessary for 100 consecutive plant positions. This row length is based on the within-row plant spacing entered on the appraisal worksheet and found in **the plant spacing column** of **TABLE C**.
 - 3 Count the number of marketable heads within the **sample** row length measurement as determined in 2 above and enter on the appraisal worksheet. This number is the percent of marketable heads for a particular sample.
 - 4 Determine a percent marketable head sample for each 10-head weight sample.
- (3) Complete the appraisal worksheet to obtain the appraisal in hundredweight per acre.

7. 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. **Refer to** the LAM for additional information.

8. 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 appraised, and for each field or subfield, which has a differing base (APH) yield or farming practice (applicable to replant, preliminary, and final claims). Refer to section 5 for sampling requirements.
- (4) For every inspection, complete items 1 through 6 and items 35 and 36. For immature appraisals, complete items 7 through 18. For mature appraisals, complete items 19 through 34.

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

Claim Number: Claim number as assigned by the insurance provider.

1. **Insured's Name:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
2. **Policy Number:** Insured's assigned policy number.
3. **Unit Number:** Five-digit unit number from the Summary of Coverage after it is verified to be correct (e.g., 00100).
4. **Date of Damage:** First three letters of the month during which MOST of the insured damage (including progressive damage) occurred. Include SPECIFIC DATE where applicable, as in the case of hail damage (e.g., Aug 11).
5. **Crop Year:** Crop year, as defined in the policy, for which the claim has been filed.
6. **Type:** Type of cabbage grown and listed on the actuarial documents as a three-digit code.

PART I - IMMATURE APPRAISAL METHOD

7. **Field ID:** Field identification symbol.

8. **Acres:** Number of determined acres, to tenths, in field or subfield being appraised.
9. **Row Width:** Row width to nearest inch (the average of **four** or more rows). Refer to **subsection 5C** for row width **determination instructions**.
10. **Plant Space:** Within-row plant space, rounded to the nearest tenth. Refer to section 6 for within-row measuring instructions.
11. **Plants per Acre:** Number of plant positions per acre from **TABLE C**. Refer to section 6 for instructions.
12. **Number of Live Plants per Sample:** Number of live plants counted in each sample of 1/100th of an acre. Refer to section 5 for row length sample requirements.
13. **Total Plants All Samples:** Sum of all live plants recorded from all samples.
14. **Number of Samples:** Total number of samples.
15. **Average **Number** of Plants per Sample:** Total plants all samples (item 13) divided by the number of samples (item 14). Round to the nearest whole number.
16. **Pounds-per-Plant Factor:** Enter the pounds-per-plant factor to the nearest hundredth. Refer to section 6 for calculation instructions.
17. **Appraisal Potential per Acre (Cwt):** Average **number** of plants per sample (item 15) times pounds-per-plant factor (item 16). Round to the nearest tenth.
18. **Narrative:** Document any pertinent information about the appraisal. Show the calculation for the pounds-per-plant factor.

PART II - MATURE APPRAISAL METHOD

19. **Field ID:** Field identification symbol.
20. **Acres:** Number of determined acres, to tenths, in field or sub-field being appraised.
21. **Row Width:** Row width to nearest inch (the average of **four** or more rows). Refer to **subsection 5C** for row width **determination instructions**.
22. **Plant Space:** Within-row plant space, rounded to the nearest tenth. Refer to section 6 for instructions.
23. **Plants per Acre:** Number of plant positions per acre from **TABLE C**. Refer to section 6 for instructions.

24. **Weight per 10 Head Sample:** Weight of a 10-head sample, rounded to the nearest tenth of a pound.
 25. **Total Weight of Samples:** Total of all sample weights.
 26. **Total Number of Sample Heads:** Total number of all sample heads weighed.
 27. **Average Weight Per Sample Head:** Total weight of samples (item 25) divided by the total number of sample heads (item 26). Round to the nearest one-tenth of a pound.
 28. **Number of Marketable Heads per 100 Plant Positions:** Number of marketable heads per 100 plant positions. Refer to section 6 for instructions.
- NOTE:** 100 plant positions = 1 sample.
29. **Total Number of Marketable Heads:** Sum of all marketable heads.
 30. **Total Number Plant Positions:** Sum of all plant positions.
 31. **Percent Marketable:** Divide the total number of marketable heads (item 29) by the total number of plant positions (item 30). Round to the nearest thousandth.
 32. **Gross Weight Per Acre (Lbs.):** Multiply plants per acre (item 23) by average weight per sample head (item 27). Round to the nearest whole pound.
 33. **Appraisal Per Acre (Cwt.):** (Percent marketable, expressed as a 3-place decimal (item 31), times gross weight per acre (item 32)) \div 100. Round to the nearest tenth.
 34. **Narrative:** Document any pertinent information about the appraisal.
 35. **Adjuster's Signature, Code Number, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the TPC Production Worksheet.
 36. **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.

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

COMPANY: Any Company

CLAIM NUMBER: XXXXXXXX

| | | | | | | | | | | | | |
|-----------------------------------------------------------------|-----------------------------------|--|--|--|----------------------------|--|--|--|------------------------|--|--|--|
| CABBAGE APPRAISAL WORKSHEET (FOR ILLUSTRATION PURPOSES ONLY) | 1 INSURED'S NAME I. M. Insured | | | | 2 POLICY NUMBER XXXXXXX | | | | 3 UNIT NUMBER 00100 | | | |
| | 4 DATE OF DAMAGE JUN 10 | | | | 5 CROP YEAR YYYY | | | | 6 TYPE 016 | | | |

PART I – IMMATURE APPRAISAL METHOD

| 7 FIELD ID | 8 ACRES | 9 ROW WIDTH | 10 PLANT SPACE | 11 PLANTS PER ACRE | 12 NUMBER OF LIVE PLANTS PER SAMPLE (EACH SAMPLE = 1/100 TH OF AN ACRE) | | | | | 13 TOTAL PLANTS ALL SAMPLES | 14 NUMBER OF SAMPLES | 15 AVERAGE NUMBER OF PLANTS PER SAMPLE | 16 POUNDS PER-PLANT FACTOR | 17 APPRAISAL POTENTIAL PER ACRE (CWT) |
|------------|---------|-------------|----------------|--------------------|---------------------------------------------------------------------------------------|----|----|----|--|-----------------------------|----------------------|----------------------------------------|----------------------------|---------------------------------------|
| A | 10.5 | 32 | 16.0 | 12,251 | 72 | 76 | 80 | 73 | | | 301 ÷ 4 = 75 | X 3.27 = | 245.3 | |
| | | | | | | | | | | | ÷ = | X = | | |
| | | | | | | | | | | | ÷ = | X = | | |

18 NARRATIVE
 APH yield = 400 cwt.
 16 in. plant spacing
 32 in. row width
 16 in. x 32 in. = 512 sq. in./plant position
 6,272,640 sq. in./acre ÷ 512 sq. in./plant position = 12,251 plant positions per acre
 (400 cwt. ÷ 12,251 plant positions per acre) x 100 = 3.27 pounds-per-plant factor

PART II – MATURE APPRAISAL METHOD

| 19 FIELD ID | 20 ACRES | 21 ROW WIDTH | 22 PLANT SPACE | 23 PLANTS PER ACRE | 24 WEIGHT PER 10 HEAD SAMPLE | | | | 25 TOTAL WEIGHT OF SAMPLES | 26 TOTAL NUMBER OF SAMPLE HEADS | 27 AVERAGE WEIGHT PER SAMPLE HEAD | 28 NUMBER OF MARKETABLE HEADS PER 100 PLANT POSITIONS | | | | 29 TOTAL NUMBER OF MARKETABLE HEADS | 30 TOTAL NUMBER PLANT POSITIONS | 31 PERCENT MARKET-ABLE | 32 GROSS WEIGHT PER ACRE (LBS) (23X27) | 33 APPRAISAL PER ACRE (CWT) (31X32) ÷ 100 |
|-------------|----------|--------------|----------------|--------------------|------------------------------|--|--|--|----------------------------|---------------------------------|-----------------------------------|-------------------------------------------------------|--|--|-----|-------------------------------------|---------------------------------|------------------------|----------------------------------------|-------------------------------------------|
| | | | | | | | | | ÷ = | | | | | | ÷ = | | | | | |
| | | | | | | | | | ÷ = | | | | | | ÷ = | | | | | |

34 NARRATIVE

| | | | | | | | | | | | | | | | |
|-------------------------------------------|--|--|--|-----------------------|--|--------------------|--|-----------------------------------------|--|--|--|--------------------|--|--|--|
| 35 ADJUSTER'S SIGNATURE I. M. ADJUSTER | | | | CODE NUMBER XXXXXX | | DATE MM/DD/YYYY | | 36 INSURED'S SIGNATURE I. M. INSURED | | | | DATE MM/DD/YYYY | | | |
|-------------------------------------------|--|--|--|-----------------------|--|--------------------|--|-----------------------------------------|--|--|--|--------------------|--|--|--|

COMPANY: Any Company

CLAIM NO.: XXXXXXXX

| | | | | | | | | | | |
|---------------------------------------------------------------------------------------|-----------------------------------|--|--|--|----------------------------|--|---------------|--|------------------------|--|
| CABBAGE APPRAISAL WORKSHEET <small>(FOR ILLUSTRATION PURPOSES ONLY)</small> | 1 INSURED'S NAME I. M. Insured | | | | 2 POLICY NUMBER XXXXXXX | | | | 3 UNIT NUMBER 00200 | |
| | 4 DATE OF DAMAGE JUN 10 | | | | 5 CROP YEAR YYYY | | 6 TYPE 016 | | | |

PART I – IMMATURE APPRAISAL METHOD

| 7 FIELD ID | 8 ACRES | 9 ROW WIDTH | 10 PLANT SPACE | 11 PLANTS PER ACRE | 12 NUMBER OF LIVE PLANTS PER SAMPLE (EACH SAMPLE = 1/100 TH OF AN ACRE) | | | | 13 TOTAL PLANTS ALL SAMPLES | 14 NUMBER OF SAMPLES | 15 AVERAGE NUMBER OF PLANTS PER SAMPLE | 16 POUNDS PER-PLANT FACTOR | 17 APPRAISAL POTENTIAL PER ACRE (CWT) |
|------------|---------|-------------|----------------|--------------------|---------------------------------------------------------------------------------------|--|--|--|-----------------------------|----------------------|----------------------------------------|----------------------------|---------------------------------------|
| | | | | | | | | | ÷ | = | X | = | |
| | | | | | | | | | ÷ | = | X | = | |
| | | | | | | | | | ÷ | = | X | = | |

18 NARRATIVE

PART II – MATURE APPRAISAL METHOD

| 19 FIELD ID | 20 ACRES | 21 ROW WIDTH | 22 PLANT SPACE | 23 PLANTS PER ACRE | 24 WEIGHT PER 10 HEAD SAMPLE | | | | 25 TOTAL WEIGHT OF SAMPLES | 26 TOTAL NUMBER OF SAMPLE HEADS | 27 AVERAGE WEIGHT PER SAMPLE HEAD | 28 NUMBER OF MARKETABLE HEADS PER 100 PLANT POSITIONS | | | | 29 TOTAL NUMBER OF MARKETABLE HEADS | 30 TOTAL NUMBER PLANT POSITIONS | 31 PERCENT MARKET-ABLE | 32 GROSS WEIGHT PER ACRE (LBS) (23X27) | 33 APPRAISAL PER ACRE (CWT) (31X32) ÷ 100 | | | | |
|-------------|----------|--------------|----------------|--------------------|------------------------------|------|------|------|----------------------------|---------------------------------|-----------------------------------|-------------------------------------------------------|-----|----|----|-------------------------------------|---------------------------------|------------------------|----------------------------------------|-------------------------------------------|---|------|--------|-------|
| C | 25.0 | 32 | 16.0 | 12,251 | 10.0 | 12.7 | 13.7 | 10.9 | 47.3 | ÷ | 40 | = | 1.2 | 87 | 93 | 83 | 92 | 355 | ÷ | 400 | = | .888 | 14,701 | 130.5 |
| | | | | | | | | | | ÷ | | = | | | | | | | ÷ | | = | | | |

34 NARRATIVE

| | | | | |
|-------------------------------------------|-----------------------|--------------------|-----------------------------------------|--------------------|
| 35 ADJUSTER'S SIGNATURE I. M. ADJUSTER | CODE NUMBER XXXXXX | DATE MM/DD/YYYY | 36 INSURED'S SIGNATURE I. M. INSURED | DATE MM/DD/YYYY |
|-------------------------------------------|-----------------------|--------------------|-----------------------------------------|--------------------|

9. CLAIM FORM ENTRIES AND COMPLETION PROCEDURES

A. GENERAL INFORMATION

- (1) The claim form (hereafter referred to as “TPC Production Worksheet”) is a progressive form containing all notices of damage for all preliminary, replant, and final inspections on a unit.
- (2) If a TPC 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 when acreage is being appraised for a replanting payment and all acreage on the unit has been initially planted, 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) Instructions labeled “**PRELIMINARY**” apply to preliminary inspections only. Instructions labeled “**REPLANT**” apply to replant 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 #:** "Cabbage" (0072).
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(s) of loss for **this crop** as listed in the LAM. If it is evident that no indemnity is due, enter "NONE." If an insured cause of loss is coded as "Other," explain in the "Narrative."

 NOTE: Refer to 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.

 REPLANT AND 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 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 AND REPLANT: 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 TPC Production Worksheet has not been completed. Additional non-loss units may be entered on a single TPC Production Worksheet.

If more spaces are needed for non-loss units, enter the unit numbers, identified as “Non-Loss Units,” in the Narrative or on an attached Special Report.

13. **Est. Prod. Per Acre:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

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

14. **Date(s) Notice 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 TPC 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 TPC 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.

REPLANT AND 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 TPC Production Worksheets. For a delayed notice of loss or delayed claim, refer to the LAM.

15. **Companion Policy(s):**

- 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.

Refer to 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) Adjustments to appraised mature production (damaged, but marketable production).
- (5) Stages or intended use(s) of acreage;
- (6) Shares (e.g., 50 percent and 75 percent shares on the same unit); or
- (7) 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. Refer to the narrative. In the margin (or in a separate column), enter the date of inspection for the last line entry of each inspection.

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

NOTE: Where acreage is PARTLY replanted, omit the field ID symbol for the fields that have not been replanted and that have been consolidated into a single line entry

B. Prelim 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.

REPLANT AND FINAL: MAKE NO ENTRY.

C. Final Acres: Refer to 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.

REPLANT: Determine the total acres, to tenths, of replanted acreage (DO NOT ESTIMATE). Make a separate line entry for any PART of a field NOT replanted.

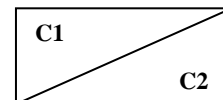
- a. Determine the planted acreage of any fields or subfields NOT replanted. Consolidate it into a single line entry UNLESS the usual reasons for separate line entries apply. Record the field or subfield identities (from a map or aerial photo) in the Narrative.
- b. ACCOUNT FOR ALL PLANTED ACREAGE IN THE UNIT.

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 provider’s instructions. In the event of under-reported acres, draw a diagonal line in Column “C” as shown.

- C₁ Enter the ACTUAL acres for the field or subfield.
- C₂ Enter the REPORTED acres for the field or subfield.



- 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:** Three-digit code for the correct "Rate Class" specified on the actuarial documents. If a "Rate Class" or "High Risk Area" is not specified on the actuarial documents, make no entry. Verify with the Summary of Coverage and if the "Rate Class" is found to be incorrect, revise according to the insurance provider's instructions. Refer to the LAM.
- 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:** 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.

REPLANT: Replant stage abbreviation as shown below.

STAGE EXPLANATION

"RT"Acreage replanted with transplants and qualifying for replanting payment.

"RS"Acreage replanted, direct seeded, and qualifying for replanting payment.

"NR"Acreage not replanted or not qualifying for a replanting payment. Enter "NR" if the combined potential production appraisal and uninsured cause appraisal totals 90 percent or more of the guarantee for replanting claims.

FINAL: Stage abbreviation as shown below.

STAGE EXPLANATION

"P"Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide records of production, which are acceptable to the insurance provider.

"H"Harvested.

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

GLEANED ACREAGE: Refer to the LAM for information on gleaning.

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

| <u>USE</u> | <u>EXPLANATION</u> |
|--------------------------|------------------------------------------------------------------|
| “Replant” | Acreage replanted and qualifying for replanting payment |
| “Not Replanted” | Acreage not replanted or not qualifying for a replanting payment |
| “To Collards,” etc | Use made of the acreage |
| “WOC” | Other use without consent |
| “SU” | Solely uninsured |
| “ABA” | Abandoned without consent |
| “H” | Harvested |
| “UH” | Unharvested |
| “TH” | To be harvested |

Verify any preliminary “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.”

GLEANED ACREAGE: Refer to the LAM for information on gleaning.

J. **Appraised Potential:**

REPLANT: MAKE NO ENTRY. (Enter the replant appraisal in the Narrative. Refer to section 4.)

PRELIMINARY AND FINAL: Per-acre appraisal in hundredweight, to tenths, of POTENTIAL production for the acreage appraised. (Refer to section 5, “Cabbage Appraisals” for additional instructions.)

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

K. **Quality Factor:** MAKE NO ENTRY.

L. **Adjusted Potential:**

REPLANT: Enter the hundredweight per acre allowed for replanting. (Refer to section 4 for qualifications and computations.)

PRELIMINARY AND FINAL: MAKE NO ENTRY.

M. **+Uninsured Cause:**

REPLANT: MAKE NO ENTRY.

PRELIMINARY AND FINAL: EXPLAIN IN THE NARRATIVE.

a. Hail and Fire exclusion NOT in effect.

- (1) Enter NOT LESS than the insured's production guarantee per acre in hundredweight, to tenths, for the line, (calculated by multiplying the elected coverage level percentage times the approved APH yield per acre shown on the APH form) 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 hundredweight, to tenths, 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. **Potential Counted:**

REPLANT: MAKE NO ENTRY.

PRELIMINARY AND FINAL: Potential to count in hundredweight, to tenths (Column "J" plus Column "M").

O. **Value Per Pound:**

REPLANT: MAKE NO ENTRY.

PRELIMINARY AND FINAL: Line out "pound" in the column heading and enter "CWT" for "hundredweight." Enter the insured's price election.

NOTE: Refer to the Special Provisions for price elections by practice.

P. **Total Potential to Count:**

REPLANT: Column "L" times Column "C."

PRELIMINARY AND FINAL: Draw a diagonal line. Enter the total potential to count (Column “C” or “C₁”(actual acres) times Column “N”) to tenths, **above** the diagonal line. Enter **below** the diagonal line the total value (in whole dollars) to count (Column “C” or “C₁” (actual acres) times Column “N” times Column “O”).

Q. **Per Acre:** Draw a diagonal line. Enter the per acre production guarantee from the insured’s policy, in hundredweight, **above** the diagonal line. Enter the result of the per acre production guarantee times the insured’s price election **below** the diagonal line **in whole dollars**.

R. **Total:** Draw a diagonal line. Enter **above** the diagonal line Column “C₂” (reported acres; “C” if acreage is not under-reported) times the per acre guarantee in hundredweight, to tenths. Enter **below** the diagonal line Column “C₂” (reported acres; “C” if acreage is not under-reported) times the per acre dollar guarantee, to whole dollars.

16. **Total:**

PRELIMINARY: MAKE NO ENTRY.

REPLANT AND FINAL: Total Actual Acres [Column “C” (or “C₁ 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.

REPLANT AND FINAL: Draw a diagonal line. Enter above the line the total hundredweight for Column “P” and Column “R.” Enter below the diagonal line the total value (in whole dollars) for Column “P” and Column “R.”

NARRATIVE:

If more space is needed, document on a Special Report, and enter “See Special Report.” Attach the Special Report to the TPC 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, **Column** “M” for uninsured causes due to hail/fire exclusion, show the original hail/fire liability per acre and the hail/fire indemnity per acre.
- e. Document the actual appraisal date if an appraisal was performed prior to the adjuster’s signature date on the appraisal worksheet, and the date of the appraisal is not recorded on the appraisal worksheet.
- f. State that there is “No other fire insurance” when fire damages or destroys the insured crop and it is determined that the insured has no other fire insurance. Also **refer to** the LAM.
- g. Explain any errors found on the Summary of Coverage.
- h. Explain any commingled production. **Refer to** the LAM.
- i. Explain any entry for “Production Not to Count” **in Section II, Column “J,”** and/or any production not included in Section II, **Column “G” or Column “B” through “D” entries (e.g., harvested production from uninsured acreage that can be identified separately from the insured acreage in the unit).**
- j. Explain a “NO” checked in item 19.
- k. Attach a sketch map or aerial photo to identify the total unit:
 - (1) If consent is or has been given to put part of the unit to another use or to replant;
 - (2) If acreage has been replanted to a practice uninsurable as an original practice;
 - (3) If uninsured causes are present; or
 - (4) 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 TPC 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 the reason for a “No Indemnity Due” claim. “No Indemnity Due” claims are to be distributed in accordance with the insurance provider’s instructions.
- o. Explain any delayed notices or delayed claims as instructed in the LAM.

- p. Document any authorized estimated acres shown in **Section I**, item C as follows: “Line 3 ‘E’ acres authorized by insurance provider MM/DD/YYYY.”
- q. Document the method and calculation used to determine acres for the unit. **Refer to the LAM.**
- 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. Document the appraisal (plus appraisal for uninsured causes of loss, if applicable) for replanted acreage, and the calculations to show that the qualification for a replanting payment have been met. **Refer to section 4.**
- t. If any acreage to be replanted in the unit does not qualify for a replanting payment, enter Field No., “NOT QUAL FOR RP PAYMENT,” date of inspection, adjuster’s initials, and reason not qualified.
- u. **Explain any “.000” quality adjustment (QA) factor entered in Section II, Column “I.”**
- v. Document any other pertinent information, including any data to support any factors used to calculate the production. If on an attachment, enter “See attachment”.
- w. **Document the name and address of the charitable organization when gleaned acreage is applicable. Refer to the LAM for more information on gleaning.**

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 or stored, enter the name and address of processor as applicable in **Columns “B” through “D.”** For cabbage otherwise disposed of, indicate the disposition (sold at roadside stand, etc.).
- (3) If farm-stored production has been weighed prior to storage and acceptable weight tickets are available showing gross weights, enter “Weighed and Stored On Farm” in Columns “B” through “E.” **Refer to the LAM** for acceptable weight tickets.

- (4) There will be no “harvested production” entries for replanting payments.
- (5) If acceptable sales or weight tickets are not available, refer to the LAM.
- (6) 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) More than one insured practice (or type). If the harvested production is from more than one insured practice (or type) and a separate approved APH yield has been established for each, enter the harvested production on separate lines in Columns “A₁” through “N” by type or practice. If production has been commingled, refer to the LAM.
 - (d) Varying determinations of production (varying value, etc.).
- (7) There will generally be no harvested production entries in Columns “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. Refer to the LAM.)**

PRELIMINARY: MAKE NO ENTRY.

REPLANT AND 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, replanting is complete for the unit, etc. Refer to the LAM.

19. **Similar Damage:**

PRELIMINARY: MAKE NO ENTRY.

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

20. **Assignment of Indemnity:** Check “YES” **only** if an assignment of indemnity is in effect for the crop year; otherwise, check “No.” Refer to the LAM.

21. **Transfer of Right to Indemnity:** Check “YES” **only** if a transfer of right to indemnity is in effect for the unit for the crop year; otherwise, check “No.” Refer to the LAM.

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

A₂. **Field ID:**

- a. If only one practice or type of harvested production is listed in Section I, MAKE NO ENTRY.
- b. If more than one practice or type of harvested cabbage 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, Column “A”).

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

B. - D. **Row Width, Tractor, Est. Yield:** In the column heading line out “row width,” “tractor,” “est. yield,” and enter “Disposition.” For production sold, enter the name and address of the processor. For cabbage otherwise disposed of, indicate the disposition (sold at roadside stand, etc.).

E. - F. **MAKE NO ENTRY.**

G. **Production:** Production in hundredweights, to tenths.

H₁. **Value Per Pound:** Line out “pound” and enter “CWT.” Enter the value per hundredweight of cabbage damaged by an insured cause but marketable (fresh or processing) in dollars and cents.

H₂. **Local Mkt. Price CWT:** Enter the actual value per hundredweight in dollars and cents.

FRESH - The price per hundredweight for cabbage offered by buyers in the area in which the insured normally market the cabbage.

PROCESSING - The base contract price or the price per hundredweight stipulated in the contract executed between the insured and the processor without regard to discounts or incentives that may apply.

I. **Quality Factor:** For harvested cabbage, enter the 3-place decimal quality adjustment factor: the result of H₁ divided by H₂.

J. **Production Not to Count:** In the column heading line out “Lbs.” and enter “CWT.” Enter the net production NOT to count in hundredweight, to tenths, 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, or from other sources (e.g., other units or uninsured acreage).

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

K. **Production to Count:** In the column heading, line out “lbs.” and enter “cwt.” Enter, to tenths, the result of (1) subtracting the production in Column “J” from the production in Column “G;” (2) multiply this result by the quality factor from Column “I” [(“G” minus “J”) times “I”].

L. **Value of Production:** Enter the insured’s price election per hundredweight.

Refer to the Special Provisions for Price Elections by practice.

M. **Value Not to Count:** MAKE NO ENTRY.

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 AND REPLANT: MAKE NO ENTRY.

FINAL: Enter the total of Column "N," to whole dollars.

23. **Section I Total:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY

FINAL: Enter figure from Column "P" (**BELOW** the diagonal line) total in SECTION I.

24. **Unit Total:**

PRELIMINARY AND REPLANT: 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 TPC Production Worksheet.

NOTE: Final indemnity inspections and final replanting payment 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 TPC Production Worksheet **WITH THE INSURED**, particularly explaining codes, etc., that may not be readily understood.

NOTE: Final indemnity inspections and final replanting payment inspections should be signed on bottom line.

27. **Page:**

PRELIMINARY: Page numbers - "1," "2," etc., at the time of inspection.

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

| | | | | | | | | | | |
|----------------------------------|-------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|--|------------------------------|--|------------------------------------|-----------------------|----------------------|
| 1 Crop/Code # CABBAGE 0072 | 2 Unit # 00100 | 3 Legal Description SW1 - 96N - 30W | PRODUCTION WORKSHEET (Tobacco, Peanuts, Cotton, Peaches, Cabbage) FOR ILLUSTRATION PURPOSES ONLY | | | | | 8 Name of Insured I. M. INSURED | | |
| 4 Date of Damage JUN 10 | 5 Cause of Damage HAIL | 6 Primary Cause % 100% | | | | | | 7 Company ANY COMPANY | 9 Claim # XXXXXXXX | 11 Crop Year YYYY |
| 12 Additional Units 00200 | 13 Est. Prod. Per Acre 375 | | Agency ANY AGENCY | 10 Policy # XXXXXXXX | | 14 Date(s) Notice of Loss | | 1 st MM/DD/YYYY | 2 nd | 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 | L | M | N | O | P | Q | R |
| Field ID | Prelim Acres | Final Acres | Interest or Share | Risk | Practice | Type/ Class | Stage | Intended or Final Use | Appraised Potential | Quality Factor | Adjusted Potential | +Uninsured Cause | Potential Counted | Value Per Pound CWT | Total Potential to Count (C x N x O) | Per Acre | Total (C x Q) |
| A M/D | 10.5 | 10.5 | 1.000 | A01 | 109 | 016 | UH | TO PLOW | 245.3 | | | | 245.3 | 5.00 | 2,575.7 | 260.0 | 2,730.0 |
| B M/D | 25.0 | 25.0 | 1.000 | A01 | 109 | 016 | H | H | | | | | | | 12,878 | 1,300 | 13,650 |
| | | | | | | | | | | | | | | | | 260.0 | 6,500.0 |
| | | | | | | | | | | | | | | | | 1,300 | 32,500 |
| 16 TOTAL | 35.5 | | | | | | | | | | | | | | 2,575.7 | | 9,230.0 |
| | | | | | | | | | | | | | | | 12,878 | 17 TOTALS | 46,150 |

NARRATIVE (If more space is needed, attach a Special Report)

FIELD A & B - WHEEL MEASURED. SEE ATTACHED SPECIAL REPORT FOR MEASUREMENTS AND CALCULATIONS.

SECTION II - HARVESTED PRODUCTION

| | | | | | | | | | | | | | | |
|-----------------------------------------|--------------------------|---------|------------|--------------|----------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------|--|
| 18 Date Harvest Completed MM/DD/YYYY | | | | | 19 damage similar to other farms in the area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | 20 Assignment of Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | | 21 Transfer of Right To Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | |
| STALK INSPECTION | | | | | ADJUSTMENTS TO HARVESTED PRODUCTION | | | | | | | | | |
| A ₁ | B | C | D | E | F | G | H ₁ | I | J | K | L | M | N | |
| A ₂ | Length or Diameter | Tractor | Est. Yield | | | | H ₂ | | | | | | | |
| Share | | | | Leaf Quality | Quota (Q), Non-Quota | Production | Value per Pound CWT Local Mkt. Price CWT | Quality Factor (H ₁ ÷ H ₂) | Production Not to Count (Lbs.) CWT | Production to Count (Lbs.) CWT | Value of Production (\$) | Value Not to Count (\$) | Production / Value to Count | |
| Field ID | Disposition | | | | | | | | | | | | | |
| | SUN PACKERS ANYTOWN, USA | | | | | 3,250.0 | 6.00 8.00 | .750 | | 2,437.5 | 5.00 | | 12,188 | |

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 other federal statutes

| | | |
|--|---------------------|--------|
| | 22 Section II Total | 12,188 |
| | 23 Section I Total | 12,878 |
| | 24 Unit Total | 25,066 |

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

| | | | | | | | | | | |
|----------------------------------|---------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------|--------------------------------------------------------------------|-------------------------------|---------------------|-------------------------|
| 1 Crop/Code # CABBAGE 0072 | 2 Unit # 00100 | 3 Legal Description SW1 - 96N - 30W | PRODUCTION WORKSHEET (Tobacco, Peanuts, Cotton, Peaches, Cabbage) FOR ILLUSTRATION PURPOSES ONLY | | | | 8 Name of Insured I. M. INSURED | | | |
| 4 Date of Damage JUN 10 | 5 Cause of Damage HAIL | 6 Primary Cause % 100% | | | | | 7 Company _____ ANY COMPANY _____ Agency _____ ANY AGENCY _____ | | | 9 Claim # XXXXXXXXXX |
| 12 Additional Units | | | | | | 10 Policy # XXXXXXXX | | | | |
| 13 Est. Prod. Per Acre | | | | | | 14 Date(s) Notice of Loss | 1 st MM/DD/YYYY | 2 nd MM/DD/YYYY | Final MM/DD/YYYY | |
| | | | | | | 15 Companion Policy(s) | | | | |

EXAMPLE 1: 100% SHARE

SECTION I - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

| ACTUARIAL | | | | | | | | | POTENTIAL YIELD | | | | | | | STAGE GUARANTEE | |
|-----------|--------------|-------------|-------------------|------|----------|------------|-------|-----------------------|---------------------|----------------|--------------------|------------------|-------------------|-----------------|--------------------------------------|-----------------|---------------|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
| Field ID | Prelim Acres | Final Acres | Interest or Share | Risk | Practice | Type/Class | Stage | Intended or Final Use | Appraised Potential | Quality Factor | Adjusted Potential | +Uninsured Cause | Potential Counted | Value Per Pound | Total Potential to Count (C x N x O) | Per Acre | Total (C x Q) |
| A M/D | 30.0 | 30.0 | 1.000 | A01 | 109 | 016 | RT | REPLANTED | | | 38.0 | | | | 1,140.0 | 400.0 | 12,000.0 |
| | | 40.0 | 1.000 | A01 | 109 | 016 | NR | NOT REPLANTED | | | | | | | | 2,000 | 60,000 |
| | | | | | | | | | | | | | | | | 400.0 | 16,000.0 |
| | | | | | | | | | | | | | | | | 2,000 | 80,000 |
| 16 TOTAL | 70.0 | | | | | | | | | | | | | | 1,140.0 | 17 TOTALS | 28,000.0 |
| | | | | | | | | | | | | | | | | | 140,000 |

NARRATIVE (If more space is needed, attach a Special Report)

Example 1: 100% Share: Example above shows allowance when the actual cost is less than the maximum allowance. **Maximum Replanting Payment per acre = \$190.00** per acre. Fresh market cabbage price election = \$5.00 per CWT. \$190.00 divided by \$5.00 = 38.0 CWT (Less than the 40.0 CWT allowed in the policy for transplanted cabbage.) Appraised potential is 100 CWT per acre, less than 90% of the 400 CWT production guarantee. Field A measured by FSA.

EXAMPLE 2: 50% SHARE

SECTION I - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

| ACTUARIAL | | | | | | | | | POTENTIAL YIELD | | | | | | | STAGE GUARANTEE | |
|-----------|--------------|-------------|-------------------|------|----------|------------|-------|-----------------------|---------------------|----------------|--------------------|------------------|-------------------|-----------------|--------------------------------------|-----------------|---------------|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
| Field ID | Prelim Acres | Final Acres | Interest or Share | Risk | Practice | Type/Class | Stage | Intended or Final Use | Appraised Potential | Quality Factor | Adjusted Potential | +Uninsured Cause | Potential Counted | Value Per Pound | Total Potential to Count (C x N x O) | Per Acre | Total (C x Q) |
| C M/D | 25.0 | 25.0 | .500 | A01 | 109 | 016 | RT | REPLANTED | | | 20.0 | | | | 500.0 | 400.0 | 10,000.0 |
| | | | | | | | | | | | | | | | | 2,000 | 50,000 |
| | | | | | | | | | | | | | | | | | |
| 16 TOTAL | 25.0 | | | | | | | | | | | | | | 500.0 | 17 TOTALS | 10,000.0 |
| | | | | | | | | | | | | | | | | | 50,000 |

NARRATIVE (If more space is needed, attach a Special Report)

Example 2: 50% Share: This example shows allowance when the actual cost is more than the maximum allowance when the actual cost is more than the maximum allowance. **Maximum Replanting Payment per acre = \$100.00** per acre. Fresh market cabbage price election = \$5.00 Per CWT. \$100.00 divided by \$5.00 = 20.0 CWT (Less than the 40.0 CWT allowed in the policy for transplanted cabbage.) Appraised production of 90 CWT per acre is less than 90% of the production guarantee (400 x .90 = 360). Field C was wheel measured.

10. REFERENCE MATERIAL

TABLE A - MINIMUM SAMPLE REQUIREMENTS FOR REPRESENTATIVE SAMPLES

| ACRES IN FIELD | MINIMUM NO. OF SAMPLES |
|----------------------------------------------------------------------------------------------------------|------------------------|
| 0.1 - 10.0 | 3 |
| 10.1 - 40.0 | 4 |
| Add one additional sample for each additional 40.0 acres (or fraction thereof) in the field or subfield. | |

TABLE B - ROW WIDTH AND LENGTH CHART

| ROW LENGTH REQUIREMENTS IN RELATION TO ROW WIDTH TO EQUATE 1/100TH OF AN ACRE | | | | | | | | | |
|-------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Row Width (in inches) | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| Length of Row (in feet) | 174.2 | 163.4 | 153.7 | 145.2 | 137.6 | 130.7 | 124.5 | 118.8 | 113.6 |

For row widths other than those in **TABLE B**, determine the sample row length as follows:

- (1) Divide row width in inches (nearest one-half inch) by 12 in./ft. and round to the nearest thousandth.
- (2) Divide 43,560 sq. ft./acre by the determined row width in item (1) above and round to the nearest thousandth.
- (3) Divide the result in item (2) above by 100 (for 1/100 acre) and round to the nearest tenth.

EXAMPLE: Measured row width in the field is 37 in.
 $37 \text{ in.} \div 12 \text{ in./ft.} = 3.083 \text{ ft.}$
 $43,560 \text{ sq. ft./acre} \div 3.083 \text{ ft.} = 14,129.095$
 $14,129.095 \div 100 = 141.3 \text{ ft. row length}$

TABLE C - CABBAGE PLANT POSITIONS PER ACRE

| PLANT SPACING (inches) | FEET PER 100 PLANTS | ROW WIDTH – INCHES | | | | | | | | |
|------------------------|---------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| 6.0 | 50.0 | 34848 | 32670 | 30748 | 29040 | 27512 | 26136 | 24891 | 23760 | 22727 |
| 6.1 | 50.8 | 34277 | 32134 | 30244 | 28564 | 27061 | 25708 | 24483 | 23370 | 22354 |
| 6.2 | 51.7 | 33724 | 31616 | 29756 | 28103 | 26624 | 25293 | 24088 | 22994 | 21994 |
| 6.3 | 52.5 | 33189 | 31114 | 29284 | 27657 | 26202 | 24891 | 23706 | 22629 | 21645 |
| 6.4 | 53.3 | 32670 | 30628 | 28826 | 27225 | 25792 | 24503 | 23336 | 22275 | 21307 |
| 6.5 | 54.2 | 32167 | 30157 | 28383 | 26806 | 25395 | 24126 | 22977 | 21932 | 20979 |
| 6.6 | 55.0 | 31680 | 29700 | 27953 | 26400 | 25011 | 23760 | 22629 | 21600 | 20661 |
| 6.7 | 55.8 | 31207 | 29257 | 27536 | 26006 | 24637 | 23405 | 22291 | 21278 | 20352 |
| 6.8 | 56.7 | 30748 | 28826 | 27131 | 25624 | 24275 | 23061 | 21963 | 20965 | 20053 |
| 6.9 | 57.5 | 30303 | 28409 | 26738 | 25252 | 23923 | 22727 | 21645 | 20661 | 19763 |
| 7.0 | 58.3 | 29870 | 28003 | 26356 | 24891 | 23581 | 22402 | 21336 | 20366 | 19480 |
| 7.1 | 59.2 | 29449 | 27608 | 25984 | 24541 | 23249 | 22087 | 21035 | 20079 | 19206 |
| 7.2 | 60.0 | 29040 | 27225 | 25624 | 24200 | 22926 | 21780 | 20743 | 19800 | 18939 |
| 7.3 | 60.8 | 28642 | 26852 | 25273 | 23868 | 22612 | 21482 | 20459 | 19529 | 18680 |
| 7.4 | 61.7 | 28255 | 26489 | 24931 | 23546 | 22307 | 21191 | 20182 | 19265 | 18427 |
| 7.5 | 62.5 | 27878 | 26136 | 24599 | 23232 | 22009 | 20909 | 19913 | 19008 | 18182 |
| 7.6 | 63.3 | 27512 | 25792 | 24275 | 22926 | 21720 | 20634 | 19651 | 18758 | 17942 |
| 7.7 | 64.2 | 27154 | 25457 | 23960 | 22629 | 21438 | 20366 | 19396 | 18514 | 17709 |
| 7.8 | 65.0 | 26806 | 25131 | 23652 | 22338 | 21163 | 20105 | 19147 | 18277 | 17482 |
| 7.9 | 65.8 | 26467 | 24813 | 23353 | 22056 | 20895 | 19850 | 18905 | 18046 | 17261 |
| 8.0 | 66.7 | 26136 | 24503 | 23061 | 21780 | 20634 | 19602 | 18669 | 17820 | 17045 |
| 8.1 | 67.5 | 25813 | 24200 | 22776 | 21511 | 20379 | 19360 | 18438 | 17600 | 16835 |
| 8.2 | 68.3 | 25499 | 23905 | 22499 | 21249 | 20130 | 19124 | 18213 | 17385 | 16629 |
| 8.3 | 69.2 | 25191 | 23617 | 22228 | 20993 | 19888 | 18893 | 17994 | 17176 | 16429 |

TABLE C - CABBAGE PLANT POSITIONS PER ACRE (Continued)

| PLANT SPACING (inches) | FEET PER 100 PLANTS | ROW WIDTH – INCHES | | | | | | | | |
|------------------------|---------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| 8.4 | 70.0 | 24891 | 23336 | 21963 | 20743 | 19651 | 18669 | 17780 | 16971 | 16234 |
| 8.5 | 70.8 | 24599 | 23061 | 21705 | 20499 | 19420 | 18449 | 17570 | 16772 | 16043 |
| 8.6 | 71.7 | 24313 | 22793 | 21452 | 20260 | 19194 | 18234 | 17366 | 16577 | 15856 |
| 8.7 | 72.5 | 24033 | 22531 | 21206 | 20028 | 18974 | 18025 | 17167 | 16386 | 15674 |
| 8.8 | 73.3 | 23760 | 22275 | 20965 | 19800 | 18758 | 17820 | 16971 | 16200 | 15496 |
| 8.9 | 74.2 | 23493 | 22025 | 20729 | 19578 | 18547 | 17620 | 16781 | 16018 | 15322 |
| 9.0 | 75.0 | 23232 | 21780 | 20499 | 19360 | 18341 | 17424 | 16594 | 15840 | 15151 |
| 9.1 | 75.8 | 22977 | 21541 | 20274 | 19147 | 18140 | 17233 | 16412 | 15666 | 14985 |
| 9.2 | 76.7 | 22727 | 21307 | 20053 | 18939 | 17942 | 17045 | 16234 | 15496 | 14822 |
| 9.3 | 77.5 | 22483 | 21077 | 19838 | 18735 | 17749 | 16862 | 16059 | 15329 | 14663 |
| 9.4 | 78.3 | 22243 | 20853 | 19627 | 18536 | 17561 | 16683 | 15888 | 15166 | 14507 |
| 9.5 | 79.2 | 22009 | 20634 | 19420 | 18341 | 17376 | 16507 | 15721 | 15006 | 14354 |
| 9.6 | 80.0 | 21780 | 20419 | 19218 | 18150 | 17195 | 16335 | 15557 | 14850 | 14204 |
| 9.7 | 80.8 | 21555 | 20208 | 19020 | 17963 | 17017 | 16167 | 15397 | 14697 | 14058 |
| 9.8 | 81.7 | 21336 | 20002 | 18825 | 17780 | 16844 | 16002 | 15240 | 14547 | 13914 |
| 9.9 | 82.5 | 21120 | 19800 | 18635 | 17600 | 16674 | 15840 | 15086 | 14400 | 13774 |
| 10.0 | 83.3 | 20909 | 19602 | 18449 | 17424 | 16507 | 15682 | 14935 | 14256 | 13636 |
| 10.1 | 84.2 | 20702 | 19408 | 18266 | 17251 | 16344 | 15526 | 14787 | 14115 | 13501 |
| 10.2 | 85.0 | 20499 | 19218 | 18087 | 17082 | 16183 | 15374 | 14642 | 13976 | 13369 |
| 10.3 | 85.8 | 20300 | 19031 | 17912 | 16917 | 16026 | 15225 | 14500 | 13841 | 13239 |
| 10.4 | 86.7 | 20105 | 18848 | 17739 | 16754 | 15872 | 15078 | 14360 | 13708 | 13112 |
| 10.5 | 87.5 | 19913 | 18669 | 17570 | 16594 | 15721 | 14935 | 14224 | 13577 | 12987 |
| 10.6 | 88.3 | 19725 | 18492 | 17405 | 16438 | 15573 | 14794 | 14089 | 13449 | 12864 |
| 10.7 | 89.2 | 19541 | 18320 | 17242 | 16284 | 15427 | 14656 | 13958 | 13323 | 12744 |
| 10.8 | 90.0 | 19360 | 18150 | 17082 | 16133 | 15284 | 14520 | 13829 | 13200 | 12626 |

TABLE C - CABBAGE PLANT POSITIONS PER ACRE (Continued)

| PLANT SPACING (inches) | FEET PER 100 PLANTS | ROW WIDTH - INCHES | | | | | | | | |
|------------------------|---------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| 10.9 | 90.8 | 19182 | 17983 | 16926 | 15985 | 15144 | 14387 | 13702 | 13079 | 12510 |
| 11.0 | 91.7 | 19008 | 17820 | 16772 | 15840 | 15006 | 14256 | 13577 | 12960 | 12397 |
| 11.1 | 92.5 | 18837 | 17659 | 16621 | 15697 | 14871 | 14128 | 13455 | 12843 | 12285 |
| 11.2 | 93.3 | 18669 | 17502 | 16472 | 15557 | 14738 | 14001 | 13335 | 12729 | 12175 |
| 11.3 | 94.2 | 18503 | 17347 | 16326 | 15419 | 14608 | 13878 | 13217 | 12616 | 12067 |
| 11.4 | 95.0 | 18341 | 17195 | 16183 | 15284 | 14480 | 13756 | 13101 | 12505 | 11962 |
| 11.5 | 95.8 | 18182 | 17045 | 16043 | 15151 | 14354 | 13636 | 12987 | 12397 | 11858 |
| 11.6 | 96.7 | 18025 | 16898 | 15904 | 15021 | 14230 | 13519 | 12875 | 12290 | 11755 |
| 11.7 | 97.5 | 17871 | 16754 | 15768 | 14892 | 14109 | 13403 | 12765 | 12185 | 11655 |
| 11.8 | 98.3 | 17719 | 16612 | 15635 | 14766 | 13989 | 13289 | 12657 | 12081 | 11556 |
| 11.9 | 99.2 | 17570 | 16472 | 15503 | 14642 | 13871 | 13178 | 12550 | 11980 | 11459 |
| 12.0 | 100.0 | 17424 | 16335 | 15374 | 14520 | 13756 | 13068 | 12446 | 11880 | 11363 |
| 12.1 | 100.8 | 17280 | 16200 | 15247 | 14400 | 13642 | 12960 | 12343 | 11782 | 11270 |
| 12.2 | 101.7 | 17138 | 16067 | 15122 | 14282 | 13530 | 12854 | 12242 | 11685 | 11177 |
| 12.3 | 102.5 | 16999 | 15937 | 14999 | 14166 | 13420 | 12749 | 12142 | 11590 | 11086 |
| 12.4 | 103.3 | 16862 | 15808 | 14878 | 14052 | 13312 | 12646 | 12044 | 11497 | 10997 |
| 12.5 | 104.2 | 16727 | 15682 | 14759 | 13939 | 13206 | 12545 | 11948 | 11405 | 10909 |
| 12.6 | 105.0 | 16594 | 15557 | 14642 | 13829 | 13101 | 12446 | 11853 | 11314 | 10822 |
| 12.7 | 105.8 | 16464 | 15435 | 14527 | 13720 | 12998 | 12348 | 11760 | 11225 | 10737 |
| 12.8 | 106.7 | 16335 | 15314 | 14413 | 13613 | 12896 | 12251 | 11668 | 11138 | 10653 |
| 12.9 | 107.5 | 16208 | 15195 | 14302 | 13507 | 12796 | 12156 | 11577 | 11051 | 10571 |
| 13.0 | 108.3 | 16084 | 15078 | 14191 | 13403 | 12698 | 12063 | 11488 | 10966 | 10489 |
| 13.1 | 109.2 | 15961 | 14963 | 14083 | 13301 | 12601 | 11971 | 11401 | 10882 | 10409 |

TABLE C - CABBAGE PLANT POSITIONS PER ACRE (Continued)

| PLANT SPACING (inches) | FEET PER 100 PLANTS | ROW WIDTH - INCHES | | | | | | | | |
|------------------------|---------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| 13.2 | 110.0 | 15840 | 14850 | 13976 | 13200 | 12505 | 11880 | 11314 | 10800 | 10330 |
| 13.3 | 110.8 | 15721 | 14738 | 13871 | 13101 | 12411 | 11791 | 11229 | 10719 | 10253 |
| 13.4 | 111.7 | 15604 | 14628 | 13768 | 13003 | 12319 | 11703 | 11145 | 10639 | 10176 |
| 13.5 | 112.5 | 15488 | 14520 | 13666 | 12907 | 12227 | 11616 | 11063 | 10560 | 10101 |
| 13.6 | 113.3 | 15374 | 14413 | 13565 | 12812 | 12137 | 11531 | 10982 | 10482 | 10027 |
| 13.7 | 114.2 | 15262 | 14308 | 13466 | 12718 | 12049 | 11446 | 10901 | 10406 | 9953 |
| 13.8 | 115.0 | 15151 | 14204 | 13369 | 12626 | 11962 | 11363 | 10822 | 10330 | 9881 |
| 13.9 | 115.8 | 15042 | 14102 | 13273 | 12535 | 11876 | 11282 | 10745 | 10256 | 9810 |
| 14.0 | 116.7 | 14935 | 14001 | 13178 | 12446 | 11791 | 11201 | 10668 | 10183 | 9740 |
| 14.1 | 117.5 | 14829 | 13902 | 13084 | 12357 | 11707 | 11122 | 10592 | 10111 | 9671 |
| 14.2 | 118.3 | 14725 | 13804 | 12992 | 12270 | 11625 | 11043 | 10518 | 10039 | 9603 |
| 14.3 | 119.2 | 14622 | 13708 | 12901 | 12185 | 11543 | 10966 | 10444 | 9969 | 9536 |
| 14.4 | 120.0 | 14520 | 13613 | 12812 | 12100 | 11463 | 10890 | 10371 | 9900 | 9470 |
| 14.5 | 120.8 | 14420 | 13519 | 12723 | 12017 | 11384 | 10815 | 10300 | 9832 | 9404 |
| 14.6 | 121.7 | 14321 | 13426 | 12636 | 11934 | 11306 | 10741 | 10229 | 9764 | 9340 |
| 14.7 | 122.5 | 14224 | 13335 | 12550 | 11853 | 11229 | 10668 | 10160 | 9698 | 9276 |
| 14.8 | 123.3 | 14128 | 13245 | 12466 | 11773 | 11153 | 10596 | 10091 | 9632 | 9214 |
| 14.9 | 124.2 | 14033 | 13156 | 12382 | 11694 | 11078 | 10525 | 10023 | 9568 | 9152 |
| 15.0 | 125.0 | 13939 | 13068 | 12299 | 11616 | 11005 | 10454 | 9957 | 9504 | 9091 |
| 15.1 | 125.8 | 13847 | 12981 | 12218 | 11539 | 10932 | 10385 | 9891 | 9441 | 9031 |
| 15.2 | 126.7 | 13756 | 12896 | 12137 | 11463 | 10860 | 10317 | 9826 | 9379 | 8971 |
| 15.3 | 127.5 | 13666 | 12812 | 12058 | 11388 | 10789 | 10249 | 9761 | 9318 | 8913 |
| 15.4 | 128.3 | 13577 | 12729 | 11980 | 11314 | 10719 | 10183 | 9698 | 9257 | 8855 |
| 15.5 | 129.2 | 13490 | 12646 | 11903 | 11241 | 10650 | 10117 | 9635 | 9197 | 8798 |
| 15.6 | 130.0 | 13403 | 12565 | 11826 | 11169 | 10581 | 10052 | 9574 | 9138 | 8741 |

TABLE C - CABBAGE PLANT POSITIONS PER ACRE (Continued)

| PLANT SPACING (inches) | FEET PER 100 PLANTS | ROW WIDTH - INCHES | | | | | | | | |
|------------------------|---------------------|--------------------|-------|-------|-------|-------|------|------|------|------|
| | | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| 15.7 | 130.8 | 13318 | 12485 | 11751 | 11098 | 10514 | 9988 | 9513 | 9080 | 8685 |
| 15.8 | 131.7 | 13233 | 12406 | 11677 | 11028 | 10447 | 9925 | 9452 | 9023 | 8630 |
| 15.9 | 132.5 | 13150 | 12328 | 11603 | 10958 | 10382 | 9863 | 9393 | 8966 | 8576 |
| 16.0 | 133.3 | 13068 | 12251 | 11531 | 10890 | 10317 | 9801 | 9334 | 8910 | 8523 |
| 16.1 | 134.2 | 12987 | 12175 | 11459 | 10822 | 10253 | 9740 | 9276 | 8855 | 8470 |
| 16.2 | 135.0 | 12907 | 12100 | 11388 | 10756 | 10189 | 9680 | 9219 | 8800 | 8417 |
| 16.3 | 135.8 | 12827 | 12026 | 11318 | 10690 | 10127 | 9621 | 9162 | 8746 | 8366 |
| 16.4 | 136.7 | 12749 | 11952 | 11249 | 10624 | 10065 | 9562 | 9107 | 8693 | 8315 |
| 16.5 | 137.5 | 12672 | 11880 | 11181 | 10560 | 10004 | 9504 | 9051 | 8640 | 8264 |
| 16.6 | 138.3 | 12596 | 11808 | 11114 | 10496 | 9944 | 9447 | 8997 | 8588 | 8215 |
| 16.7 | 139.2 | 12520 | 11738 | 11047 | 10434 | 9884 | 9390 | 8943 | 8537 | 8165 |
| 16.8 | 140.0 | 12446 | 11668 | 10982 | 10371 | 9826 | 9334 | 8890 | 8486 | 8117 |
| 16.9 | 140.8 | 12372 | 11599 | 10917 | 10310 | 9767 | 9279 | 8837 | 8436 | 8069 |
| 17.0 | 141.7 | 12299 | 11531 | 10852 | 10249 | 9710 | 9224 | 8785 | 8386 | 8021 |
| 17.1 | 142.5 | 12227 | 11463 | 10789 | 10189 | 9653 | 9171 | 8734 | 8337 | 7974 |
| 17.2 | 143.3 | 12156 | 11397 | 10726 | 10130 | 9597 | 9117 | 8683 | 8288 | 7928 |
| 17.3 | 144.2 | 12086 | 11331 | 10664 | 10072 | 9542 | 9065 | 8633 | 8240 | 7882 |
| 17.4 | 145.0 | 12017 | 11266 | 10603 | 10014 | 9487 | 9012 | 8583 | 8193 | 7837 |
| 17.5 | 145.8 | 11948 | 11201 | 10542 | 9957 | 9433 | 8961 | 8534 | 8146 | 7792 |
| 17.6 | 146.7 | 11880 | 11138 | 10482 | 9900 | 9379 | 8910 | 8486 | 8100 | 7748 |
| 17.7 | 147.5 | 11813 | 11075 | 10423 | 9844 | 9326 | 8860 | 8438 | 8054 | 7704 |
| 17.8 | 148.3 | 11747 | 11012 | 10365 | 9789 | 9274 | 8810 | 8390 | 8009 | 7661 |
| 17.9 | 149.2 | 11681 | 10951 | 10307 | 9734 | 9222 | 8761 | 8343 | 7964 | 7618 |
| 18.0 | 150.0 | 11616 | 10890 | 10249 | 9680 | 9171 | 8712 | 8297 | 7920 | 7576 |

NOTE: For Plant Positions Per Acre not shown in Table C, multiply the row width (in whole inches) times the plant spacing (nearest tenth of an inch) and divide the result into 6,272,640 square inches per acre (round result to the nearest whole number). (43,560 square feet per acre x 144 square inches = 6,272,640 square inches per acre.)

Example: 31-inch row width x 7.4-inch plant spacing = 229.4 square inches; so 6,272,640 square inches per acre ÷ 229.4 square inches = 27,344 Plant Positions Per Acre.

