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FCIC-25350 (11-2018)
FCIC-25350-1 (04-2020)
FCIC-25350-2 (08-2020)

POPCORN LOSS ADJUSTMENT STANDARDS HANDBOOK

2021 and Succeeding Crop Years

**RISK MANAGEMENT AGENCY
KANSAS CITY, MO 64133**

TITLE: POPCORN LOSS ADJUSTMENT STANDARDS HANDBOOK	NUMBER: 25350 25350-1 25350-2
EFFECTIVE DATE: 2021 and Succeeding Crop Years	ISSUE DATE: August 19, 2020
SUBJECT: Provides the procedures and instructions for administering the Popcorn crop insurance program	OPI: Product Administration and Standards Division
	APPROVED: /S/ Richard Flournoy Deputy Administrator for Product Management

REASON FOR ISSUANCE

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

1. Comments that pertained to grammar, punctuation, deleting unneeded words, rewording to make a sentence flow better, corrections of reference numbers, formatting, etc., are not listed.
2. Paragraph 1A: Corrected link to RMA website.
3. Paragraph 2D(2) & (4): Corrected link to RMA website.
4. Paragraph 13A(2): Clarified “mature” popcorn production will be eligible for QA,
5. Paragraph 33(4): Revised language to determine the length of row required for the sample row.
6. Exhibit 3, Appraisal Worksheet for Stand Reduction - item 17: Clarified entry is the result, rounded whole pounds, of multiplying percent of potential (item 15) expressed as a decimal by the base yield (item 16).
7. Exhibits 5 & 6, Appraisal Worksheet Examples: Updated the yield factors for corn. No change to the popcorn yield factors.
8. Exhibit 7, Items 22 - 28: Revised to read “Three-digit code” instead of “Three-digit code number.”
9. Exhibit 7, Items 27: Revised to read “No Cropping Practice Specified” instead of “No Cropping Practice.”
10. Exhibit 7, Items 35: Clarified to enter the factor rounded to three decimal places.

POPCORN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART

Popcorn Loss Adjustment Standards Handbook							
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit Number	Exhibit Page(s)	Date	FCIC Number
Remove	1-2		1-6	3	27-28	11-2018	FCIC-25350
			11-12	5	35-36	11-2018	FCIC-25350
				6	39-40	11-2018	FCIC-25350
				7	45-46	11-2018	FCIC-25350
				7	49-50	11-2018	FCIC-25350
Insert	1-4		1-6	3	27-28	08-2020	FCIC-25350-2
			11-12	5	35-36	08-2020	FCIC-25350-2
				6	39-40	08-2020	FCIC-25350-2
				7	45-46	08-2020	FCIC-25350-2
				7	49-50	08-2020	FCIC-25350-2
Current Index	1-2	1-2	1-6			08-2020	FCIC-25350-2
			7-10			11-2018	FCIC-25350
			11-12			08-2020	FCIC-25350-2
			13-24			11-2018	FCIC-25350
				1	25	11-2018	FCIC-25350
				2	26	11-2018	FCIC-25350
				3	27-28	08-2020	FCIC-25350-2
				3	29	11-2018	FCIC-25350
				4	30-33	11-2018	FCIC-25350
				5	34	11-2018	FCIC-25350
				5	35-36	08-2020	FCIC-25350-2
				6	37-38	11-2018	FCIC-25350
				6	39	08-2020	FCIC-25350-2
				7	40	08-2020	FCIC-25350-2
				7	41-44	11-2018	FCIC-25350
				7	45-46	08-2020	FCIC-25350-2
				7	47-48	11-2018	FCIC-25350
				7	49-50	08-2020	FCIC-25350-2
				7	51-64	11-2018	FCIC-25350
	8	65	11-2018	FCIC-25350			
	9	66	11-2018	FCIC-25350			
	10	67	11-2018	FCIC-25350			
	11	68	11-2018	FCIC-25350			
	12	69	11-2018	FCIC-25350			
	13	70	11-2018	FCIC-25350			

POPCORN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART (continued)

Popcorn Loss Adjustment Standards Handbook							
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit Number	Exhibit Page(s)	Date	FCIC Number
Current Index				14	71	04-2020	FCIC-25350-1
				15	72	04-2020	FCIC-25350-1
				16	73-74	11-2018	FCIC-25350
				17	75-76	11-2018	FCIC-25350
				18	77	11-2018	FCIC-25350

FILING INSTRUCTIONS

This handbook replaces the 2020 Popcorn Loss Adjustment Standards Handbook, FCIC-25350-1H (04-2020). This handbook is effective for the 2021 and succeeding crop years and is not retroactive to any 2020 or prior crop year determinations.

(RESERVED)

PART 1 GENERAL INFORMATION

1 General Information

A. Purpose and Objective

The RMA-issued loss adjustment standards for this crop are the official standard requirements for adjusting losses in a uniform and timely manner. The RMA-issued standards for this crop and crop year are in effect as of the signature date for this crop handbook located at www.rma.usda.gov.

This handbook remains in effect until superseded by reissuance of either the entire handbook or selected portions (through amendments, bulletins, or FADs). If amendments are issued for a handbook, the original handbook as amended shall constitute the handbook. A bulletin or FAD can supersede either the original handbook or subsequent amendments.

B. Related Handbooks

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

Handbook	Relation/Purpose
CIH	Provides overall general underwriting (not crop specific) process.
DSSH	Provides the form standards and procedures for use in the sales and service of crop insurance contracts.
GSH	Provides general crop insurance information.
LAM	Provides overall general loss adjustment (not crop-specific) process.

- (1) Terms, abbreviations, and definitions general (not crop specific) to loss adjustment are identified in the GSH and LAM.
- (2) Terms, abbreviations, and definitions specific to Popcorn loss adjustment and this handbook are in exhibits 1 and 2, herein.

C. CAT Coverage

Refer to the CIH, GSH and LAM for provisions and procedures not applicable to CAT coverage.

D. Irrigated Practice

Refer to the DSSH for irrigated practice guidelines and the CIH and LAM for other irrigated practice information.

A. Utilization of Standards

All AIPs shall utilize these standards for both loss adjustment and loss training for the applicable crop year. These standards, which include crop appraisal methods, claims completion instructions, and form standards, supplement the general (not crop-specific) loss adjustment standards identified in the LAM.

B. Form Distribution

The following is the minimum distribution of forms completed by the adjuster and signed by the insured (or the insured's authorized representative) for the loss adjustment inspection.

- (1) One legible copy to the insured; and
- (2) The original and all remaining copies as instructed by the AIP.

C. Record Retention

It is the AIP's responsibility to maintain records (documents) as stated in the SRA and described in the LAM.

D. Form Standards

- (1) The entry items in exhibits 3 - 7 are the minimum requirements for the Appraisal Worksheets and Claim Form (hereafter referred to as "Production Worksheet"). All entry items are "Substantive", (they are required).
- (2) The Privacy Act and Non-Discrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown on the example form(s) in exhibits 3 - 7. The current Non-Discrimination Statement and Privacy Act Statement can be found on the RMA website at: www.rma.usda.gov or successor website.
- (3) The certification statement required by the current DSSH must be included on the PW directly above the insured's signature block immediately followed by the statement below:

"I understand the certified information on this Production Worksheet will be used to determine my loss, if any, to the above unit. The insurance provider may audit and approve this information and supporting documentation. The Federal Crop Insurance Corporation, an agency of the United States, subsidizes and reinsures this crop insurance."

2 AIP Responsibilities (Continued)

D. Form Standards (continued)

- (4) Refer to the DSSH for other crop insurance form requirements (such as point size of font, and so forth). The current DSSH can be found on the RMA website at: www.rma.usda.gov or successor website.

3-10 (Reserved)

PART 2 POLICY INFORMATION

The AIP determines the insured has complied with all policy provisions of the insurance contract. The Popcorn CP, which are to be considered in this determination include (but are not limited to):

11 Insurability

The following may not be a complete list of insurability requirements. Refer to the BP, the Popcorn CP, and the SP for a complete list.

- (1) The crop insured will be all the popcorn grown in the county by the insured for which a premium rate is provided by the actuarial documents, in which the insured has a share, and that is planted for harvest as popcorn.
- (2) Insurable popcorn acreage must be grown under, and in accordance with the requirements of a processor contract executed on or before the acreage reporting date and is not excluded from the processor contract at any time during the crop year.
- (3) Popcorn acreage is not insurable (unless allowed by the SP or by WA) if it is:
 - (a) interplanted with another crop; or
 - (b) planted into an established grass or legume.
- (4) The insured will be considered to have a share in the insured popcorn crop if, under the processor contract:
 - (a) the insured retains control of the acreage on which the popcorn is grown;
 - (b) the insured has a risk of loss; and
 - (c) the processor contract provides for delivery of popcorn under specified conditions and at a stipulated base contract price.
- (5) A popcorn producer who is also a processor may be able to establish an insurable interest in the popcorn crop. Refer to the Popcorn CPs for requirements.

11 Insurability (Continued)

- (6) The total PTC (in pounds) from all insurable acreage in the unit includes (but is not limited to):
 - (a) All appraised production (as stated in the CPs) and all harvested production from the insurable acreage in the unit. All harvested and appraised production lost or damaged by uninsured causes.
 - (b) For processor contracts that stipulate the amount of production to be delivered, all harvested popcorn production from any other insurable unit that has been used to fulfill the processor contract applicable to the unit.
 - (c) Any production from yellow or white dent corn on a weight basis and any production harvested from plants growing in the insured crop may be counted as popcorn on a weight basis.
- (7) Any acreage of the insured crop damaged before the final planting date, to the extent that the majority of producers in the area would normally not further care for the crop, must be replanted unless the AIP agrees that it is not practical. Refer to the LAM for replanting provision issues. Refer to Part 3 of this handbook for replanting payment procedures.
- (8) In addition to the COLs excluded by the BP, insurance is not provided against:
 - (a) Damage resulting from frost or freeze after the date designated in the SP; or
 - (b) Failure to follow the requirements contained in the processor contract.

12 Unit Division

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

For information on Enterprise, Multi-County Enterprise, and Whole-Farm units, refer to the CIH and the LAM.

13 Popcorn Quality Adjustment

A. General Information

- (1) Refer to the LAM for information on speculative type contract prices in QA. The QAF cannot be greater than 1.000 or less than zero (.000).
- (2) **Mature popcorn** production will be eligible for QA, if due to an insurable COL that occurs within the insurance period, it is not merchantable popcorn and is rejected by the processor. The production will be adjusted by:
 - (a) dividing the value per pound of the damaged popcorn by the base contract price per pound for undamaged popcorn; and
 - (b) multiplying the result by the number of pounds of such popcorn.

Note: When the edible portion of the crop has been exposed to flood waters and a Federal or State agency recommends destruction or disposal of production from such acreage, refer to the LAM.

- (3) Document QA information as described in the instructions for the Narrative section of the PW (exhibit 7) or on a Special Report.
- (4) If a local market cannot be found for the damaged popcorn, or when determining a salvage value, refer to the LAM.
- (5) Moisture adjustment is applied prior to applying any qualifying QAF such as test weight, kernel damage, etc. A popcorn moisture adjustment factors chart is in exhibit 15. Moisture adjustment results in a reduction in PTC of 0.12 percent for each 0.1 percent moisture in excess of 15 percent.
- (6) Refer to the LAM for special instructions regarding mycotoxin-infected popcorn.
- (7) For additional QA definitions, instructions, qualifications, sampling requirements, graders, and testing requirements, refer to the LAM.

PART 4 APPRAISALS

31 General Information

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

32 Selecting Representative Samples

A. Determine Minimum Samples

Determine the minimum number of required samples for a field or subfield by the field size, the average stage of growth, age (size); general capabilities of the plants, variability of potential production, and plant damage within the field or subfield.

B. Splitting Fields

- (1) 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.
- (2) Each field or subfield must be appraised separately.
- (3) Take not less than the minimum number (count) of representative samples required in exhibit 8 (Minimum Representative Sample Requirements) for each field or subfield.

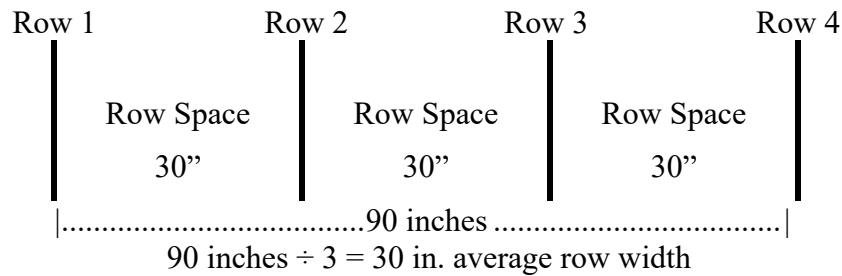
33 Measuring Row Width for Sample Selection

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 three or more row spaces from the center of the first row to the center of the fourth row (or as many rows as needed) and divide the result by the number of row spaces measured across to determine an average row width in whole inches.

33 Measuring Row Width for Sample Selection (Continued)

Example:



- (3) Where rows are skipped for tractor and planter tires, refer to the LAM.
- (4) Apply average row width in exhibit 9 to determine the **length of row** required for the sample row.
- (5) When two or more rows are used for a required sample row, divide the required sample row length when conducting crop appraisals by the number of rows being used. The combined length of all rows must equal the single row length.

34 Stages of Growth

- (1) These instructions provide growth stage information for use when appraising potential production during various stages of growth.
- (2) Sampling Procedures:
 - (a) Determine average popcorn growth stage in selected representative samples.
 - (b) Establish the stage of growth as the most advanced stage of development in which at least 50% of the plants in the representative sample have reached.
 - (c) Use the stage of growth on the date of adjustment (the date when the adjuster first appraises crop damage) when determining yield loss. The date of damage is used when applying the hail appraisal method.
- (3) Actual leaf count is used to determine stages of growth from emergence to tasseling.
 - (a) Starting with the rounded tip leaf, count all leaves developed up to, and including, the stage indicator leaf. The stage indicator leaf is that leaf which is 40 to 50 percent exposed. It is usually the uppermost leaf that is pointing below a horizontal line.
 - (b) If the rounded tip leaf cannot be determined, the node identification system will be used as follows (refer to exhibit 18, Figure A):
 - (i) Pull up the entire plant and carefully split stalk to expose stalk nodes and root whorls.

Form Standards – Appraisal Worksheet for Stand Reduction

Verify and/or make the following entries for each appraisal worksheet element/item number. A completed appraisal worksheet example is at the end of this exhibit. For general form standards and other general information, see subparagraph 2D and paragraph 37.

Element/Item Number	Standard
Company	Name of AIP if not preprinted on the worksheet (Company Name).
1. Insured's Name	Name of the insured that identifies exactly the person (legal entity) to whom the policy is issued.
2. Policy Number	Insured's assigned policy number.
3. Unit No.	Unit number from the Summary of Coverage after it is verified to be correct.
Claim Number	Claim number as assigned by the AIP.
4. Crop	"Popcorn."
5. Crop Year	Four-digit crop year, as defined in the policy, for which the claim is filed.
6. FSA Farm No.	FSA farm number, if applicable.
7. Field No.	Field or subfield identification symbol.
No. of Acres	Number of determined acres, to tenths, in the field or subfield being appraised.
8. Row Width	Row width to nearest inch. Refer to Part 4, Paragraph 33 for row width determination information.
9. Base Yield	Enter the approved APH yield to nearest whole pound from the APH form, after verifying to be correct.
10. Sample No.	Make no entry.
11. Normal Plant Population 1/100 acre	Determine by counting the potential (living, dead, missing, and non-emerged) plants in a length of row equivalent to 1/100 acre, rounded to the nearest multiple of ten.
12. No. of Surviving Plants 1/100 Acre	Number of surviving plants in the same sample.
13. Percent of Stand	Make no entry.
14. Round Col. 13 to nearest 5 percent	Make no entry.

Form Standards – Appraisal Worksheet for Stand Reduction (Continued)

15. Percent of Potential	Enter percent of potential as follows: a. Determine stage of growth at time of damage and enter in item 19. b. Before 11 th leaf stage, use Stand Reduction (exhibit 10) and enter percent potential to nearest whole percent, after interpolating. c. In 11 th leaf stage and beyond, enter result of dividing number of surviving plants (item 12) by normal plant population (item 11) to whole percent.
16. Base Yield	Repeat entry from item 9.
17. Appraisal for Sample	Result, rounded to whole pounds, of multiplying percent of potential (item 15) expressed as a decimal by the base yield (item 16).
18. Total	Sum of entries in item 17 to whole pounds.
19. Stage of Growth at Time of Damage	Stage of growth at time of damage (refer to Paragraph 34).
20. Total Appraisals for all Samples	Repeat entry from item 18.
21. No. of Samples	Enter total number of samples.
22. Appraisal per Acre/Field	Result (rounded to whole pounds) by dividing total appraisals for all samples (item 20) by the total number of samples (item 21).
23. Notes and Calculations	Remarks pertinent to the appraisal, sampling, and conditions in general (e.g. – very hot and dry), etc.
The following required entries are not illustrated on the Appraisal Worksheet example below.	
24. 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, (or insured's authorized representative) particularly explaining codes, etc., which may not be readily understood.
25. Adjuster's Signature, Code No., and Date	Signature of adjuster, code number, and date signed after the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the PW.
Page Number	Page numbers - (Example: Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

Form Standards – Appraisal Worksheet for Maturity Line Weight (Continued)

25. Total Weight All Sample Plots	Total of sample weights from all sample plots for that stage (to tenths).
26. Yield Factor	Use appropriate factor for fraction of an acre used.
27. Appraisal Per Stage	Result of multiplying Total Weight All Sample Plots (item 25) by appropriate yield factor (item 26), rounded to whole pounds. For appraisal modifications for early freeze damage, multiply the result of appraisal per stage by the appropriate freeze damage appraisal adjustment, to whole pounds and make a notation of adjustment in the remarks section of the appraisal worksheet. Refer to subparagraph 36 (6).
28. Total Appr. All Stages	Sum of entries in item 27 (Appraisal Per Stage), in whole pounds.
29. Total No. Rep. Sample Plots	Number of sample plots.
30. Acre Appraisal	Result of dividing the total appraisal for all stages (item 28) by the total number of representative sample plots (item 29), rounded to whole pounds.
Remarks	Remarks pertinent to the appraisal, sampling, conditions in general (e.g. – very hot and dry), etc.
The following required entries are not illustrated on the Appraisal Worksheet example below.	
31. Insured's Signature, and Date	Insured's (or insured's authorized representative's) signature and date. Before obtaining the insured's signature, review all entries on the Appraisal Worksheet with the insured (or insured's authorized representative's), particularly explaining codes, etc., which may not be readily understood.
32. Adjuster's Signature, Code No., and Date	Signature of adjuster, code number, and date signed after the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the PW.
Page Number	Page numbers – (Example: Page 1 of 1, Page 1 of 2, etc.).

Form Standards – Appraisal Worksheet for Maturity Line Weight (Continued)

COMPANY Any Company	CLAIM NUMBER xxxxxx	1. INSURED'S NAME I. M. Insured	2. POLICY NO. XXXXXXX	3. UNIT NO. 0002-0002BU	7. CIRCLE APPRAISAL CODE and enter in Col. 10 Part 1 GRAIN SORGHUM – GS EAR CORN – EC POPCORN – (PEC) CORN SILAGE – CS GRAIN SORGHUM, SILAGE – GSS
4. CROP POPCORN	5. CROP YR. YYYY	6. FSA FARM NO. 100	YIELD FACTOR		
			POPCORN 100 if sample size selected was 1/100 acre 1000 if sample size selected was 1/1000 acre	CORN 1.43 if sample size selected was 1/100 acre 14.3 if sample size selected was 1/1000 acre.3	GRAIN SORGHUM 1.34 if sample size selected was 1/100 acre 13.4 if sample size selected was 1/1000 acre

PART I – MATURE EAR CORN – POPCORN – HYBRID SEED (corn, grain sorghum) – GRAIN SORGHUM AND SILAGE WEIGHT METHOD

FIELD ID 8	ACRES IN FIELD 9	KIND OF APPR 10.	FRACTION OF ACRE 11	RECORD IN EACH BLOCK THE POUNDS PER SAMPLE PLOT TO TENTHS 12					TOTAL WEIGHT ALL SAMPLE PLOTS 13	NO. OF SAMPLE PLOTS 14	AVG. SAMPLE WEIGHT PER FIELD 15	YIELD FACTOR 16	PER ACRE YIELD (CIRCLE ONE) 17	FOR MATURE CORN POPCORN AND GRAIN SORGHUM PERCENT/FACTOR	
													BUSHEL TONS POUNDS	18. MOISTURE	19. SHELLING
													BUSHEL TONS POUNDS	18. MOISTURE	19. SHELLING
													BUSHEL TONS POUNDS	18. MOISTURE	19. SHELLING

PART II – MATURITY LINE WEIGHT METHOD (For ear corn from milk stage until kernels are fully mature and moisture drops below 40%)

FIELD ID 20	STAGE 22	FRACTION OF ACRE 23	Record in Each Block the Pounds per Sample Plot to Tenths 24									TOTAL WEIGHT ALL SAMPLE PLOTS 25	YIELD FACTOR 26		APPRaisal PER STAGE 27	REPRESENTATIVE SAMPLES (Popcorn) 1. 1/100 acre if potential appears to be 500 lbs./acre or less. 2. 1/1000 acre if potential appears to be in excess of 500 lbs./acre.
			Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9		Corn	Popcorn		
C	1/4	1/100	6.1	3.3	3.3	0.0	0.0				12.7	1.148	40.0	508		
		1/1000										11.48	400.0			
Acreage in Field to tenths 21	1/2	1/100	7.1	6.5	4.4	5.2	6.3				29.5	1.057	42.0	1239	REPRESENTATIVE SAMPLES (Corn, Grain Sorghum) 1. 1/100 acre if potential appears to be 20 bushels/acre or less. 2. 1/1000 acre if potential appears to be in excess of 20 bushels/acre.	
		1/1000										10.57	420.0			
20.0	3/4	1/100	6.9	4.1	3.2	0.0	0.0				14.2	1.009	45.0	639		
		1/1000										10.09	450.0			
	Doughy	1/100	3.5	0.0	0.0	0.0	0.0				3.5	1.052	47.0	165		
		1/1000										10.52	470.0			
	Extended	1/100										1.187	59.0			
		1/1000										11.87	590.0			

REMARKS:

The four stages shown above are for illustration purposes only. Normally, popcorn is in only two stages.

28 TOTAL APPR. ALL STAGES 2551	÷	5	=	510
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This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).

Form Standards – Appraisal Worksheet for Weight (Continued)

(FOR ILLUSTRATION PURPOSES ONLY) WEIGHT METHOD APPRAISAL

COMPANY Any Company	CLAIM NUMBER xxxxxx	1. INSURED'S NAME I. M. Insured	2. POLICY NO. XXXXXXXX	3. UNIT NO. 0001-0001BU	7. CIRCLE APPRAISAL CODE and enter in Col. 10 Part 1 GRAIN SORGHUM – GS EAR CORN – EC POPCORN – (PEC) CORN SILAGE – CS GRAIN SORGHUM, SILAGE – GSS
4. CROP. POPCORN	5. CROP YR. YYYY	6. FSA FARM NO. 106	POPcorn 100 if sample size selected was 1/100 acre 1000 if sample size selected was 1/1000 acre	YIELD FACTOR CORN 1.43 if sample size selected was 1/100 acre 14.3 if sample size selected was 1/1000 acre.3	GRAIN SORGHUM 1.34 if sample size selected was 1/100 acre 13.4 if sample size selected was 1/1000 acre

PART I – MATURE EAR CORN – POPCORN – HYBRID SEED (corn, grain sorghum) – GRAIN SORGHUM AND SILAGE WEIGHT METHOD

FIELD ID 8	ACRES IN FIELD 9	KIND OF APPR 10.	FRACTION OF ACRE 11	RECORD IN EACH BLOCK THE POUNDS PER SAMPLE PLOT TO TENTHS 12					TOTAL WEIGHT ALL SAMPLE PLOTS 13	NO. OF SAMPLE PLOTS 14	AVG. SAMPLE WEIGHT PER FIELD 15	YIELD FACTOR 16	PER ACRE YIELD (CIRCLE ONE) 17	FOR MATURE CORN POPCORN AND GRAIN SORGHUM
B	10.0	PEC	1/100	4.3	6.2	5.1	3.9	5.0	= 24.5	÷ 5	= 4.9	x 100	= BUSHEL'S 490 TONS (POUNDS)	PERCENT/FACTOR 18. MOISTURE 20.5 19. SHELLING 80
									=	÷	=	x	= BUSHEL'S TONS POUNDS	PERCENT/FACTOR 18. MOISTURE 19. SHELLING

PART II – MATURITY LINE WEIGHT METHOD (For ear corn until kernels are fully mature and moisture drops below 40%)

FIELD ID 20	STAGE 22	FRAC-TION OF ACRE 23	Record in Each Block the Pounds per Sample Plot to Tenths 24									TOTAL WEIGHT ALL SAMPLE PLOTS 25	YIELD FACTOR 26		APPRaisal PER STAGE 27	REPRESENTATIVE SAMPLES (Popcorn) 1. 1/100 acre if potential appears to be 500 lbs./acre or less. 2. 1/1000 acre if potential appears to be in excess of 500 lbs./acre.	
			Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9		Corn	Popcorn			
	1/4	1/100										=		x 1.148	40.0	=	
		1/1000										=		x 11.48	400.0	=	
Acreage in Field to tenths 21	1/2	1/100										=		x 1.057	42.0	=	REPRESENTATIVE SAMPLES (Corn, Grain Sorghum) 1. 1/100 acre if potential appears to be 20 bushels/acre or less. 2. 1/1000 acre if potential appears to be in excess of 20 bushels/acre.
		1/1000										=		x 10.57	420.0	=	
	3/4	1/100										=		x 1.009	45.0	=	
		1/1000										=		x 10.09	450.0	=	
	Doughy	1/100										=		x 1.052	47.0	=	
		1/1000										=		x 10.52	470.0	=	
	Extended	1/100										=		x 1.187	59.0	=	TOTAL NO. REP. SAMPLE PLOTS 29
		1/1000										=		x 11.87	590.0	=	

REMARKS:	28 TOTAL APPR. ALL STAGES	=
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This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).

Form Standards - Production Worksheet

Verify and/or make the following entries for each PW element/item number. A completed PW example is at the end of this exhibit. For general form standards and other general information, see subparagraph 2D and paragraph 51.

Element/Item Number	Description
1. Crop/Code #	"Popcorn" (0043).
2. Unit #	Unit number from the Summary of Coverage after it is verified to be correct.
3. Location Description	Land location that identifies the legal description, if available, and the location of the unit (e.g., section, township, and range; FSA Farm Numbers; FSA Common Land Units (CLU) and tract numbers; GPS identifications; or Grid identifications) as applicable for the crop.
4. Date(s) of Damage	First three letters of the month(s) during which the determined insured damage occurred for the inspection and cause(s) of loss listed in item 5 below. If no entry in item 5 below make no entry. For progressive damage, enter the month that identifies when the majority of the insured damage occurred. Include the specific date where applicable as in the case of hail damage (e.g., Aug 11). Enter additional dates of damage in the extra spaces, as needed. If more space is needed, document the additional dates of damage in the Narrative (or on a Special Report). Refer to the illustration in item 6 below. If there is no insurable COL, and a no indemnity due claim will be completed, make no entry.
5. Cause(s) of Damage	<p>Name of the determined insured cause(s) of damage for this crop as listed in the LAM for the date(s) of damage listed in item 4 above. If an insured cause(s) of damage is coded as "Other," explain in the Narrative. Enter additional causes of damage in the extra spaces, as needed. If more space is needed, document the additional determined insured causes of damage in the Narrative (or on a Special Report). Refer to the illustration in item 6 below.</p> <p>If it is evident that no indemnity is due, enter "no indemnity due" across the columns in Item 5 (refer to the LAM for more information on no indemnity due claims).</p>

Form Standards - Production Worksheet (Continued)

Element/Item Number	Description
19. Determined Acres (Continued)	Acreage breakdowns within a unit or field may be estimated (refer to the LAM) if a determination is impractical. Account for all planted acreage in the unit.
20. 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.
21. Risk	Three-digit code for the correct "Rate" as specified on the actuarial document maps. If a "Rate" or "High-Risk Area" is not specified on the actuarial document maps, make no entry. Verify with the Summary of Coverage and if the "Rate" is found to be incorrect, revise according to the AIP's instructions. Refer to the LAM. Unrated land is uninsurable without a WA.
22. Type	***Three-digit code entered exactly as specified on the actuarial documents for the type grown by the insured. If "No Type Specified" is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a type is not specified on the actuarial documents, make no entry.
23. Class	***Three-digit code, entered exactly as specified on the actuarial documents for the class grown by the insured. If "No Class Specified" is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a class is not specified on the actuarial documents, make no entry.
24. Sub-Class	***Three-digit code, entered exactly as specified on the actuarial documents for the sub-class grown by the insured. If "No Sub-Class Specified," is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a sub-class is not specified on the actuarial documents, make no entry.
25. Intended Use	***Three-digit code, entered exactly as specified on the actuarial documents for the intended use of the crop grown by the insured. If "No Intended Use Specified" is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an intended use is not specified on the actuarial documents, make no entry.

Form Standards - Production Worksheet (Continued)

Element/Item Number	Description								
26. Irr. Practice	*** Three-digit code, entered exactly as specified on the actuarial documents for the irrigated practice carried out by the insured. If “No Irrigated Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an irrigated practice is not specified on the actuarial documents, make no entry.								
27. Cropping Practice	*** Three-digit code, entered exactly as specified on the actuarial documents for the cropping practice (or practice) carried out by the insured. If “No Cropping Practice Specified” or “No Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a cropping practice is not specified on the actuarial documents, make no entry.								
28. Organic Practice	*** Three-digit code, entered exactly as specified on the actuarial documents for the organic practice carried out by the insured. If “No Organic Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an organic practice is not specified on the actuarial documents, make no entry.								
29. Stage	<p>Preliminary: Make no entry.</p> <p>Replant: Replant stage abbreviation as shown below.</p> <table border="0" data-bbox="560 1113 1372 1333"> <thead> <tr> <th data-bbox="560 1113 673 1144"><u>STAGE</u></th> <th data-bbox="925 1113 1161 1144"><u>EXPLANATION</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="560 1144 901 1218">“R”.....</td> <td data-bbox="925 1144 1356 1218">Acreage replanted and qualifying for replanting payment.</td> </tr> <tr> <td data-bbox="560 1218 901 1260">“NR”.....</td> <td data-bbox="925 1218 1274 1260">Acreage not replanted. ***</td> </tr> <tr> <td data-bbox="560 1260 901 1333">“RN”</td> <td data-bbox="925 1260 1372 1333">Acreage replanted and not qualified for a replanting payment.</td> </tr> </tbody> </table> <p>Final: Stage abbreviation as shown below.</p>	<u>STAGE</u>	<u>EXPLANATION</u>	“R”.....	Acreage replanted and qualifying for replanting payment.	“NR”.....	Acreage not replanted. ***	“RN”	Acreage replanted and not qualified for a replanting payment.
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Form Standards - Production Worksheet (Continued)

Element/Item Number	Description
35. Quality Factor	<p>Replant: Make no entry.</p> <p>Preliminary and Final: For Weight Method appraisals of mature popcorn, which due to insurable causes, is not of merchantable popcorn quality and is rejected by the processor, divide the value per pound of the damaged popcorn by the base contract price per pound for undamaged popcorn. Enter the factor rounded to three decimal places.</p>
36. Production Post QA	<p>Replant: Transfer the entry in item 34.</p> <p>Preliminary and Final: Result of multiplying column 34 times column 35, rounded to whole pounds. If no entry in column 35, transfer entry from column 34.</p>
37. Uninsured Cause	<p>Replant: Make no entry.</p> <p>Preliminary and Final: Result of per acre appraisal for uninsured causes (taken from appraisal worksheet or other documentation) multiplied by column 19, rounded to whole pounds. Refer to the LAM for information on how to determine uninsured cause appraisals. If no uninsured causes, make no entry.</p> <p>a. Hail and Fire Exclusion not in effect.</p> <p>(1) Enter the result of multiplying column 19 entry by not less than the insured's production guarantee per acre in whole pounds 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.</p> <p>(2) On preliminary inspections, advise the insured to keep the harvested production from any acreage damaged solely by uninsured causes separate from other production. Refer to the LAM for information on how to determine uninsured cause appraisals.</p>

Form Standards - Production Worksheet (Continued)

Element/Item Number	Description													
37. Uninsured Cause (Continued)	<p>(3) For acreage that is damaged partly by uninsured causes, enter the result of multiplying the appraised uninsured loss of production per acre in whole pounds, by column 19 entry for any such acreage.</p> <p>b. When there is late-planted acreage, the applicable production guarantee for such acreage is the production guarantee per-acre that has been reduced for late-planted acreage, multiplied by column 19 entry.</p> <p>c. Refer to the LAM when a Hail and Fire Exclusion is in effect and damage is from hail or fire.</p> <p>d. Enter the result of adding uninsured cause appraisals to hail and fire exclusion appraisals.</p> <p>e. For fire losses, if the insured also has other fire insurance (double coverage), refer to the LAM.</p>													
38. Total to Count	Result of adding item 36 and item 37.													
39. Total	<p>Preliminary: Make no entry.</p> <p>Replant and Final: Total determined acres (column 19), to tenths.</p>													
40. Quality	<p>Replant: Make no entry.</p> <p>Preliminary and Final: Check the applicable qualifying QA condition(s) affecting the unit's production (refer to table below). Check all qualifying conditions that apply to the unit's appraised and harvested production (refer to the CP and SP).</p> <table border="1" data-bbox="428 1318 1455 1829"> <thead> <tr> <th data-bbox="428 1318 1455 1356">Qualifying QA Condition:</th> </tr> </thead> <tbody> <tr> <td data-bbox="428 1356 1455 1394">Test Weight (TW)</td> </tr> <tr> <td data-bbox="428 1394 1455 1432">Kernel Damage (KD) and Total Defects</td> </tr> <tr> <td data-bbox="428 1432 1455 1470">Garlicky (Grade)</td> </tr> <tr> <td data-bbox="428 1470 1455 1507">Aflatoxin</td> </tr> <tr> <td data-bbox="428 1507 1455 1545">Vomitoxin</td> </tr> <tr> <td data-bbox="428 1545 1455 1583">Fumonisin</td> </tr> <tr> <td data-bbox="428 1583 1455 1621">Dark Roast (for Sunflowers only)</td> </tr> <tr> <td data-bbox="428 1621 1455 1659">Sclerotinia (for Sunflowers only)</td> </tr> <tr> <td data-bbox="428 1659 1455 1696">Ergoty (Grade)</td> </tr> <tr> <td data-bbox="428 1696 1455 1759">COFO (commercially objectionable foreign odor) (includes Musty and Sour Odor)</td> </tr> <tr> <td data-bbox="428 1759 1455 1797">Other</td> </tr> <tr> <td data-bbox="428 1797 1455 1829">None</td> </tr> </tbody> </table>	Qualifying QA Condition:	Test Weight (TW)	Kernel Damage (KD) and Total Defects	Garlicky (Grade)	Aflatoxin	Vomitoxin	Fumonisin	Dark Roast (for Sunflowers only)	Sclerotinia (for Sunflowers only)	Ergoty (Grade)	COFO (commercially objectionable foreign odor) (includes Musty and Sour Odor)	Other	None
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