



United States
Department of
Agriculture



Federal Crop
Insurance
Corporation

FCIC-25080 (11-2018)
FCIC-25080-1 (11-2019)

CORN LOSS ADJUSTMENT STANDARDS HANDBOOK

2020 and Succeeding Crop Years

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

TITLE: CORN LOSS ADJUSTMENT STANDARDS HANDBOOK	NUMBER: 25080 (11-2018) 25080-1 (11-2019)
EFFECTIVE DATE: 2020 and Succeeding Crop Years	ISSUE DATE: November 21, 2019
SUBJECT: Provides the procedures and instructions for administering the Corn crop insurance program	OPI: Product Administration and Standards Division
	APPROVED: /S:/ John W. Underwood for 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. **Subparagraph 23 (2):** Clarified the maximum amount of the replanting payment will be bushels or tons multiplied by the projected price.
2. **Subparagraph 33 (2):** Changed “to determine an average row width to the nearest one-half inch” to “to determine an average row width to the nearest inch.” The appraisal worksheet instructions in Exhibit 3 require the row width to be entered to the nearest inch.
3. **Subparagraph 35 B(2)(c):** Changed “From the 11th leaf stage to the 17th leaf stage” to “From the 11th leaf stage **through** the 17th leaf stage”. This must include the 17th leaf stage and matches subparagraph 35C(2)(a)(ii).
4. **Exhibit 5, Example for Appraisal Worksheet for Maturity Line Weight - items 26 and 27:** Replaced the current Yield Factors with updated factors. Also revised the appraisal based on the new factors.
5. **Exhibit 6 Part I – Weight Method, item 11:** Changed to match the instructions in subparagraph 35E(1)(b) on page 22.
6. **Exhibit 6, Example for Appraisal Worksheet for Weight - items 26:** Replaced the current Yield Factors with updated factors.
7. **Exhibit 7, Example for Appraisal Worksheet for Corn Tonnage - items 26:** Replaced the current Yield Factors with updated factors.
8. **Exhibit 8, item 19:** Moved heading “Preliminary and Final: Determined acres to tenths” to the next page for clarity.
9. **Exhibit 8, item 27:** Changed wording to “No Cropping Practice Specified” for clarity.

CORN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART

Corn Loss Adjustment Standards Handbook							
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit Number	Exhibit Page(s)	Date	Directive Number
Remove	1-2		13-16 19-20			11-2018	FCIC-25080
						11-2018	FCIC-25080
				5	41	11-2018	FCIC-25080
				6	42-44	11-2018	FCIC-25080
				7	47	11-2018	FCIC-25080
				8	48	11-2018	FCIC-25080
				8	51-54	11-2018	FCIC-25080
Insert	1-2		13-16 19-20			11-2019	FCIC-25080-1
						11-2019	FCIC-25080-1
				5	41	11-2019	FCIC-25080-1
				6	42-44	11-2019	FCIC-25080-1
				7	47	11-2019	FCIC-25080-1
				8	48	11-2019	FCIC-25080-1
				8	51-54	11-2019	FCIC-25080-1
Current Index	1-2	1-2	1-12			11-2019	FCIC-25080-1
			13-16			11-2018	FCIC-25080
			17-18			11-2018	FCIC-25080
			19-20			11-2019	FCIC-25080-1
			21-29			11-2018	FCIC-25080
				1	30	11-2018	FCIC-25080
				2	31	11-2018	FCIC-25080
				3	32-34	11-2018	FCIC-25080
				4	35-38	11-2018	FCIC-25080
				5	39-40	11-2018	FCIC-25080
				5-6	41-44	11-2019	FCIC-25080-1
				7	45-46	11-2018	FCIC-25080
				7-8	47-48	11-2019	FCIC-25080-1
				8	49-50	11-2018	FCIC-25080
				8	51-54	11-2019	FCIC-25080-1
				8-26	55-98	11-2018	FCIC-25080

FILING INSTRUCTIONS

This handbook replaces the 2019 Corn Loss Adjustment Standards Handbook, FCIC-25080 (11-2018). This handbook is effective for the 2020 and succeeding crop years and is not retroactive to any 2019 or prior crop year determinations.

22 Qualifications for Replanting Payment

To qualify for a replanting payment the:

- (1) insured crop must be damaged by an insurable cause;
- (2) AIP must determine that it is practical to replant (refer to the LAM);
- (3) acres being replanted must have been initially planted on or after the “Earliest Planting” date established by the SP;
- (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 Part 4 “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 or within the late planting period if a late planting period is applicable); (Any acreage planted after the end of the late planting period will not be included when determining if the 20 acres or 20 percent qualification is met. Refer to the LAM); and
- (6) AIP has given consent to replant.

In the Narrative of the PW or on Special Report, show the per acre appraisal for each field or subfield and the calculations to document that qualifications for a replanting payment have been met.

23 Maximum Replanting Payment

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

- (1) 20 percent of the production guarantee multiplied by the projected price multiplied by the insured's share; or
- (2) the product of multiplying the maximum bushels/tons allowed in the policy (8 bushels for grain, 1 ton for silage) by the projected price, by the insured's share in the crop.

Compute the number of bushels (tons for silage) per acre allowed for a replanting payment as follows. Show all calculations in the Narrative of the PW or on a Special Report.

The following illustrate replant examples for grain corn:

Example 1: Owner/operator (100 percent share)
25 acres replanted
20% of prod. guar. (100.0 bu. x 20%) = 20.0 bu. x 1.000 (share) = 20.0 bu.
8.0 bu. (Maximum bu. allowed in policy) x 1.000 (share) = 8.0 bu.
The lesser of 20.0, and 8.0 is 8.0
Bushels per acre allowed = 8.0 bu.

Enter the number of bushels per acre allowed (8.0 bu.) in Section 1, column 31, "Appraised Potential" of the PW.

Example 2: Landlord/tenant on (50/50 percent share)
25 acres replanted
20% of prod. guar. (100.0 bu. x 20%) = 20.0 bu. x .500 (share) = 10.0 bu.
8.0 bu. (Maximum bu. allowed in policy) x .500 (share) = 4.0 bu.
The lesser of 10.0 and 4.0 is 4.0
Bushels per acre allowed = 4.0 bu.

Enter the number of bushels allowed (4.0 bu.) if share has been applied, or the number of bushels allowed (8.0 bu.) if share has yet to be applied, in Section I, column 31, "Appraised Potential" of the PW. (Follow individual AIP guidelines). Indicate in the Narrative if the bushels allowed for replanting have/have not been reduced for share on the PW according to AIP guidelines.

23 Maximum Replanting Payment (Continued)

The following illustrate replant examples for corn silage:

Example 3: Owner/operator (100 percent share)
25 acres replanted
20% of prod. guar. (15.0 ton x 20%) = 3.0 ton x 1.000 (share) = 3.0 ton
1.0 ton (Maximum tons allowed in the policy) x 1.000 (share) = 1.0 ton
The lesser of 3.0 and 1.0 is 1.0
Tons per acre allowed = 1.0 ton

Enter the number of tons per acre allowed (1.0 ton) in Section I, column 31, "Appraised Potential" of the PW.

Example 4: Landlord/tenant (50/50 percent share)
25 acres replanted
20% prod. guar. (15.0 tons x 20%) = 3.0 tons x .500 (share) = 1.5 tons
1.0 ton (Maximum tons allowed in policy) x .500 (share) = .5 tons
The lesser of 1.5 and .5 is .5
Tons per acre allowed = .5 tons

Enter the number of tons allowed (.5 ton) if share has been applied, or the number of tons allowed (1.0 tons) if share has yet to be applied, in Section I, column 31, "Appraised Potential" of the PW. (Follow individual AIP guidelines). Indicate in the Narrative if the tons allowed for replanting have/have not been reduced for share on the PW according to AIP guidelines.

24 Replanting Payment Inspections

Replanting payment inspections are to be prepared as final inspections on the PW 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.

For replanting payments, in grain and silage counties where both grain and silage types have been reported, the type applicable to the replanted acreage is to be provided by the insured. The adjuster is cautioned to ensure the stated replanting payment acreage for a type does not exceed the reported acreage for the type for the field and unit.

25-30 (Reserved)

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. Appraisals are to be made based on the type (grain or silage) reported on the acreage report.

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 9 (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 to the **nearest inch**.

B. Stand Reduction (continued)

- (b) Prior to the 11th leaf stage, the “Corn Stand Reduction-Percent of Potential Remaining Chart from Emergence through 10th Leaf Stages” (exhibit 11) is used to determine the percent of potential remaining.
- (c) From the 11th leaf stage through the 17th leaf stage, the “Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth” (exhibit 12) is used to determine the percent of potential remaining.
- (d) From the 18th leaf stage to the milk stage, the yield and stand reductions are counted on a one-to-one basis. (Example: 80 percent stand = 80 percent potential.)
- (e) Sample size is 1/100 acre.

C. Hail Damage

- (1) Use for hail-damaged corn appraisals beginning with the 7th leaf stage and until the corn reaches the milk stage. This method is based on the calculation of direct and indirect damage from hail to determine percent of potential remaining, converted to a bushel or ton-per-acre appraisal.

For damage due to hail, inspections shall be delayed a minimum of 7 days after damage for a more accurate damage assessment.

- (2) Direct damage includes loss from stand reduction, crippled plants, and damage to the ear and stalk.
 - (a) Stand Reduction:
 - (i) Prior to the 11th leaf stage, the “Hail Stand Reduction Loss – Corn for 7th Leaf through 10th Leaf Stages of Growth” (exhibit 13) is used to determine percent of damage due to stand reduction.
 - (ii) From the 11th leaf stage through the 17th leaf stage the “Hail Stand Reduction Loss – Corn for 11th Leaf through 17th Leaf Stages of Growth”, (exhibit 14) is used to determine the percent of damage due to stand reduction.
 - (iii) From the 18th leaf stage to the milk stage the damage due to stand reduction is counted on a one-for-one basis.

C. Hail Damage (continued)

(b) Crippled Plants:

- (i) Cripples are plants which grow to approximately normal height or less but do not produce a normal, harvestable ear. Naturally barren stalks should not be counted as cripples.
- (ii) Crippled plants must be individually evaluated to determine their contribution to potential yield. Cripples are not counted as totally destroyed plants. For example, in a particular sample it may take three ears from crippled plants to make an average ear (3-for-1). If 30 cripples were counted out of 100 remaining plants and evaluated on a 3-for-1 basis (.67 factor, since 2 of every 3 plants are considered damaged), the gross cripple damage would be 20 percent (.67 x 30).

(c) Ear Damage:

Ear damage is determined by comparing the number of damaged kernels to the number of total kernels, in a sample of all ears from 10 consecutive representative plants.

(d) Stalk Damage:

Plants having bruises on the stalk should not be counted as destroyed until they actually fall over and become unharvestable. Young bruised plants usually will produce a normal (or near normal) ear. When considerable bruising is evident, the adjustment should be deferred until the actual loss can be determined.

(3) Indirect damage is caused by defoliation (the loss of leaf area) due to hail. To determine defoliation or leaf destruction:

- (a) select representative plants;
- (b) remove the leaves which were exposed at the time of damage;
- (c) determine the percent of leaf area destroyed (missing or brown areas) for each leaf;
- (d) total the percentages; and
- (e) divide by the number of leaves to determine the average percent. Apply the percent to the Leaf Loss Chart, (exhibit 15).

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. 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 CORN GRN	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.	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 18. MOISTURE 19. SHELLING
									BUSHEL TONS POUNDS	
									BUSHEL TONS POUNDS	
									BUSHEL TONS POUNDS	

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)	
			Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9		Corn	Popcorn		1.	2.
B	1/4	1/100	0.0	3.3	6.1	3.3	0.0				12.7	x	1.148	40.0	14.6	1.	1/100 acre if potential appears to be 500 lbs./acre or less.
		1/1000												11.48	400.0		2.
Acreage in Field to tenths 21	1/2	1/100	7.1	6.5	4.4	5.2	6.3				29.5	x	1.057	42.0	31.2	1.	1/100 acre if potential appears to be 20 bushels/acre or less.
		1/1000												10.57	420.0		2.
10.0	3/4	1/100	6.9	4.1	3.2	5.8	0.0				20.0	x	1.009	45.0	20.2		
		1/1000												10.09	450.0		
	Doughy	1/100	3.5	0.0	0.0	0.0	0.0				3.5	x	1.052	47.0	3.7		
		1/1000												10.52	470.0		
	Extended	1/100												1.187	59.0		
		1/1000												11.87	590.0		

REMARKS: This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).	28 TOTAL APPR. ALL STAGES 69.7	5	13.9
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Form Standards – Appraisal Worksheet for Weight

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. Complete Heading items 1 through 7, Part I items 8 through 19, and Part II items 31 and 32.

Element/Item Number	Standard
Company	The AIP's name if not preprinted on the worksheet (Company Name).
Claim Number	Claim number as assigned by the AIP.
1. Insured's Name	Name of the insured that identifies exactly the person (legal entity) to whom the policy is issued.
2. Policy No.	Insured's assigned policy number.
3. Unit No.	Unit number from the Summary of Coverage after it is verified to be correct.
4. Crop	"Corn Grn."
5. Crop Year	Four-digit crop year as defined in the policy for which the claim has been filed
6. FSA Farm No.	FSA farm number.
7. Circle Appraisal Code	Circle "EC."
Part I – Weight Method	
Use this method for corn for grain when kernels are fully mature, and moisture drops below 40 percent.	
8. Field ID	Field or subfield identification symbol.
9. Acres in Field	Number of determined acres, to tenths, in field or subfield being appraised
10. Kind of Appr.	Enter "EC."
11. Fraction of Acre	Enter "1/100," if potential appears to be 20 bushels per acre or less. Enter "1/1000," if potential appears to be in excess of 20 bushels per acre.
12. Weight per Sample	Weight for each sample (pounds, to tenths).
13. Total Weight All Sample Plots	Sum of entries in item 12 (pounds, to tenths).
14. No. of Sample Plots	Number of sample plots.
15. Avg. Sample Weight per Field	Result, rounded to tenths, of dividing total weight of all samples (item 13) by the number of sample plots (item 14).
16. Yield Factor	If entry in item 11 is 1/100, enter "1.43." If entry in item 11 is 1/1000, enter "14.3."
17. Per Acre Yield	Result, rounded to tenths, of multiplying average sample weight per field (item 15) by the yield factor (item 16). Circle appropriate unit of measure.
18. Moisture	Record moisture percentage, if in excess of 15.0 (through 40) percent, to tenths.

Form Standards – Appraisal Worksheet for Weight (Continued)

Element/Item Number	Standard
19. Shelling	Shelling percentage factor (to whole percent). Refer to exhibit 17.
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), 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 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. 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. CORN GRN	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.	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	
				4.3	6.2	5.1	3.9	5.0						18. MOISTURE 20.5	19. SHELLING 80
F	10.0	EC	1/100						= 24.5	÷ 5	= 4.9	x 1.43	= (BUSHEL) 7.0 TONS POUNDS		
									=	÷	=	x	= BUSHEL TONS POUNDS		

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)	
			Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9		Corn	Popcorn		1.	2.
	1/4	1/100										=	x 1.148	40.0	=	1. 1/100 acre if potential appears to be 500 lbs./acre or less.	
		1/1000										=	x 11.48	400.0	=	2. 1/1000 acre if potential appears to be in excess of 500 lbs./acre.	
Acreage in Field to tenths 21	1/2	1/100										=	x 1.057	42.0	=	REPRESENTATIVE SAMPLES (Corn, Grain Sorghum)	
		1/1000										=	x 10.57	420.0	=		
	3/4	1/100										=	x 1.009	45.0	=	1. 1/100 acre if potential appears to be 20 bushels/acre or less.	
		1/1000										=	x 10.09	450.0	=	2. 1/1000 acre if potential appears to be in excess of 20 bushels/acre.	
	Doughy	1/100										=	x 1.052	47.0	=		
		1/1000										=	x 10.52	470.0	=		
	Extended	1/100										=	x 1.187	59.0	=		
		1/1000										=	x 11.87	590.0	=		

REMARKS: This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).

28 TOTAL APPR. ALL STAGES

Form Standards – Appraisal Worksheet for Corn Tonnage (Continued)

FOR ILLUSTRATION PURPOSES ONLY – MATURE CORN TONNAGE METHOD APPRAISAL WORKSHEET

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 CORN SIL	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	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					
				9.2	8.1	7.4	9.1	6.3						PERCENT/MOISTURE 18.	PERCENT/SHELLING 19.				
B	10.0	CS	1/1000						=	40.1	÷	5	=	8.0	x	0.5	=	BUSHEL (TONS) POUNDS 4.0 T	
<p>Ex. 2: Conversion of dry silage after normal harvest time or September 30, to 65% moisture silage. Yield in tons multiplied by adjustment factor (exhibit 21) Example: 4.0 tons x 2.29 factor = 9.2 tons appraisal.</p>																			
<p>Ex. 3: Conversion of grain deficient silage tonnage to reflect less than 4.5 bushels of grain per ton for corn going into silage. The yield in tons multiplied by adjustment factor (exhibit 22). Example: 4.0 tons x .90 factor = 3.6 appraisal.</p>																			
<p>Ex. 4: Conversion for BOTH dry silage and grain deficiency. Multiply the moisture adjustment factor by the grain deficiency adjustment factor. Multiply the yield in tons by the new combined factor. Example: 2.29 (moisture factor) x .90 (grain-deficiency factor) = 2.06 (new combined factor). New factor 2.06 x 4.0 tons = 8.2 tons appraisal.</p>																			

PART II – MATURITY LINE WEIGHT METHOD (For ear corn 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)	
			Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9		Corn	Popcorn		1.	2.
	1/4	1/100											1.148	40.0		1. 1/100 acre if potential appears to be 500 lbs./acre or less.	
		1/1000											11.48	400.0		2. 1/1000 acre if potential appears to be in excess of 500 lbs./acre.	
ACREAGE IN FIELD TO TENTHS 21	1/2	1/100											1.057	42.0		REPRESENTATIVE SAMPLES (Corn, Grain Sorghum)	
		1/1000											10.57	420.0			
	3/4	1/100											1.009	45.0		1. 1/100 acre if potential appears to be 20 bushels/acre or less.	
		1/1000											10.09	450.0		2. 1/1000 acre if potential appears to be in excess of 20 bushels/acre.	
	Doughy	1/100											1.052	47.0			
		1/1000											10.52	470.0			
	Extended	1/100											1.187	59.0			
		1/1000											11.87	590.0			

REMARKS: **This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).**

28 TOTAL APPR. ALL STAGES	÷	=
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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	Standard
1. Crop/Code #	"Corn" (0041).
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 cause of loss, 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 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	Standard
15. Companion Policy(s)	<p>(a) If no other person has a share in the unit (insured has 100 percent share), make no entry.</p> <p>(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.”</p> <p>(1) If the other person has a multiple-peril crop insurance contract and it can be determined that the same AIP services it, enter the contract number. Handle these companion policies according to AIP instructions.</p> <p>(2) If the other person has a multiple-peril crop insurance contract and a different AIP or agent services it, enter the name of the AIP and/or agent (and contract number) if known.</p> <p>(3) If unable to verify the existence of a companion contract, enter “Unknown” and contact the AIP for further instructions.</p> <p>(c) Refer to the LAM for further information regarding companion contracts.</p>

SECTION I – DETERMINED ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

Make separate line entries for varying:

- (1) Rate classes, types, classes, sub-classes, intended uses, irrigated practices, cropping practices, or organic practices, as applicable;
- (2) APH yields;
- (3) Appraisals;
- (4) Adjustments to appraised mature production (moisture and/or QA factors);
- (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.

Form Standards - Production Worksheet (Continued)

Element/Item Number	Standard
16. Field ID	<p>The field or subfield identification symbol from a sketch map or an aerial photo. Refer to the Narrative.</p> <p>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.</p>
17. Multi-Crop Code	<p>Replant: Make no entry.</p> <p>Preliminary and Final: The applicable two-digit code for first crop and second crop. Refer to the LAM for instructions regarding entry of first crop and second crop codes.</p>
18. Reported Acres	<p>In the event of over-reported acres, handle in accordance with the individual AIP's instructions. In the event of under-reported acres, enter the reported acres to tenths for the field or sub field. If there are no under-reported acres, make no entry.</p>
19. Determined Acres	<p>Refer to the LAM for definition of acceptable determined acres used herein. Enter the determined acres to tenths for the field or subfield for which consent is given for other use and/or:</p> <ul style="list-style-type: none"> (a) Put to other use without consent; (b) Abandoned; (c) Damaged by uninsured causes; or (d) For which the insured failed to provide acceptable records of production. <p>Refer to the LAM for procedures regarding when estimated acres are allowed and documentation requirements.</p> <p>Replant: Determine the total acres, to tenths, of replanted acreage for each field or subfield (do not estimate). Make a separate line entry for any part of a field or subfield not replanted.</p> <ul style="list-style-type: none"> (a) Determine the planted acreage of any fields or subfield 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.

Form Standards - Production Worksheet (Continued)

Element/Item Number	Standard
19. Determined Acres (Continued)	<p>Preliminary and Final: Determined acres to tenths.</p> <p>Acreage breakdowns within a unit or field may be estimated (refer to the LAM) if a determination is impractical.</p> <p>Account for all planted acreage in the unit.</p>
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	<p>Three-digit code for the correct "Rate" 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.</p> <p>Unrated land is uninsurable without a WA.</p>
22. Type	Three-digit code number, 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 number 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 number, 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 number 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 number, 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 number 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 number, 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 number 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	Standard												
26. Irr. Practice	Three-digit code number, 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 number 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 number, 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 number 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 number, 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 number 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="548 1129 1364 1388"> <thead> <tr> <th data-bbox="548 1129 893 1167"><u>STAGE</u></th> <th data-bbox="915 1129 1156 1167"><u>EXPLANATION</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="548 1167 893 1241">“R”</td> <td data-bbox="915 1167 1364 1241">Acreage replanted and qualifying for replanting payment.</td> </tr> <tr> <td data-bbox="548 1241 893 1278">“NR”</td> <td data-bbox="915 1241 1364 1278">Acreage not replanted.</td> </tr> <tr> <td data-bbox="548 1314 893 1352">“RN”</td> <td data-bbox="915 1314 1364 1388">Acreage replanted and not qualified for a replanting payment.</td> </tr> </tbody> </table> <p>Final: Stage abbreviation as shown below.</p> <table border="0" data-bbox="548 1499 1364 1791"> <thead> <tr> <th data-bbox="548 1499 893 1537"><u>STAGE</u></th> <th data-bbox="915 1499 1179 1537"><u>EXPLANATION</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="548 1537 893 1791">“P”</td> <td data-bbox="915 1537 1364 1791">Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production to the AIP.</td> </tr> </tbody> </table>	<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.	<u>STAGE</u>	<u>EXPLANATION</u>	“P”	Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production to the AIP.
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