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HYBRID SEEDS LOSS ADJUSTMENT STANDARDS HANDBOOK

2014 and Succeeding Crop Years

RISK MANAGEMENT AGENCY
KANSAS CITY, MO 64133

TITLE: HYBRID SEEDS LOSS ADJUSTMENT STANDARDS HANDBOOK	**NUMBER: 25240 25240-1 25240-2**
EFFECTIVE DATE: 2014 and Succeeding Crop Years	**ISSUE DATE: December 5, 2013**
SUBJECT: **Provides the procedures and instructions for administering the Hybrid Seeds crop insurance program**	**OPI: Product Administration and Standards Division** **APPROVED:** **/S:/ Tim B. Witt** **Deputy Administrator for Product Management**

REASONS FOR AMENDMENT

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

1. Throughout the handbook: Made editorial and syntax changes so the handbook text tracks with the current RMA approved handbook formatting, and updated references, examples, and example forms as needed.

2. **Subsection 2 B (3):** Added acronyms for Basic Provisions (BP) and Crop Provisions (CP).

3. **Subsection 3 A (3) (e):** Added procedure for situations when the processor contract requires multiple (more than one) plantings of male plants several days apart. Insurance will still attach whenever at least one planting of male plants was planted in a timely manner.

4. **Subsection 3 F (2):** Removed the specific LAM reference.

5. **Subsection 6 B (3), (4), & (5):** Revised procedure to allow for the addition of "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth." This will match the corn LASH.

6. **Subsection 6 B, EXAMPLE:** Corrected the chart entry for Days to Milk Stage.

7. **Subsection 6 C (3) (a) 1 - 3:** Revised procedure to allow for the addition of "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth." This will match the corn LASH.

8. **Subsection 9 C (1), item 15:** Revised procedure to allow for the addition of "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth." This will match the corn LASH.

9. **Subsection 9 C (2), item 7: Revised item to not distinguish between hybrid seed corn and hybrid sorghum seed since the instructions are the same for both.**

10. **Subsection 9 C (2), item 14:** Revised procedure to allow for the addition of "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth." This will match the corn LASH.

11. **Subsection 10 B (7):** Removed the specific LAM reference.

12. **Subsection 10 C, SECTION II, (7):** Corrected "…items "A" through "S"…" to "…items "47" through "66"…" to correspond with the latest production worksheet.

13. **Section 11, TABLE C – Hybrid Seed Corn Stand Reduction Chart:** Clarified that **TABLE C.1** is used from emergence through the 10th leaf stage. Inserted **TABLE C.2** to be used from the 11th leaf stage through the 17th leaf stage (new factors). This revision will match the Corn LASH.

14. **Section 11, TABLE I –** Corrected reference at the end from "…subsection 9 B, Section II, item M_2…" to "…subsection 10 B, Section II, item 60b…" to correspond with the latest production worksheet.

15. **Section 11, TABLE J –** Corrected reference at the end from "…subsection 10 B, Section II, item M_2…" to "…subsection 10 B, Section II, item 60b…" to correspond with the latest production worksheet.

CONTROL CHART

Control Chart For: Hybrid Seeds Loss Adjustment Standards Handbook						
	SC Page(s)	TC Page(s)	Text Page(s)	Reference Material	Date	FCIC Number
Remove	1-4	1-4	1-2	69-72	01-2011	FCIC-25240
			7-8	75-78	01-2011	FCIC-25240
			11-12		11-2012	FCIC-25240-1
			13-14		01-2011	FCIC-25240
			27-28		01-2011	FCIC-25240
			31-32		01-2011	FCIC-25240
			47-48		01-2011	FCIC-25240
			53-54		01-2011	FCIC-25240
			59-60		01-2011	FCIC-25240
Insert	1-4	1-4	1-2		12-2013	FCIC-25240-2
			7-8		12-2013	FCIC-25240-2
			11-14		12-2013	FCIC-25240-2
			27-28		12-2013	FCIC-25240-2
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			47-48		12-2013	FCIC-25240-2
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CONTROL CHART (Continued)

Current Index	1-4	1-4	1-2		12-2013	FCIC-25240-2
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			7-8		12-2013	FCIC-25240-2
			9-10		01-2011	FCIC-25240
			11-14		12-2013	FCIC-25240-2
			15-18		01-2011	FCIC-25240
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1. INTRODUCTION

THIS HANDBOOK MUST BE USED IN CONJUNCTION WITH THE LOSS ADJUSTMENT MANUAL (LAM) STANDARDS HANDBOOK, FCIC-25010.

The FCIC-issued loss adjustment standards for this crop are the official standard requirements for adjusting Multiple Peril Crop Insurance (MPCI) losses in a uniform and timely manner. The FCIC-issued standards for this crop and crop year are in effect as of the signature date for this crop handbook at www.rma.usda.gov/handbooks/25000/index.html. All reinsured companies will 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) standards 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

(1) 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:

(a) One legible copy to the insured.

(b) The original and all remaining copies as instructed by the Approved Insurance Provider (AIP).

(2) It is the AIPs' 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 hybrid seeds loss adjustment and this handbook, which are not defined in this section, are defined as they appear in the text.

(3) Abbreviation(s)

BP	**Basic Provisions**
CAT	Catastrophic Risk Protection
CIH	Crop Insurance Handbook
CP	**Crop Provisions**
DSSH	Document and Supplemental Standards Handbook
FGIS	Federal Grain Inspection Service
HSC	Hybrid Seed Corn
HSS	Hybrid Sorghum Seed
RO	RMA Regional Office
SP	Special Provisions

(4) Definition(s)

Adjusted Yield — An amount determined by multiplying the county yield by the coverage level factor.

Amount of Insurance Per Acre — A dollar amount determined by multiplying the adjusted yield by the price election selected by the insured and subtracting any minimum guaranteed payment, not to exceed the total compensation specified in the hybrid seed processor contract. If the insured's hybrid seed processor contract contains a minimum guaranteed payment that is stated in bushels, the AIP will convert that value to dollars by multiplying it by the price election selected by the insured.

Approved Yield (HSC) (HSS) — In lieu of the definition contained in the BP, an amount FCIC determines to be representative of the yield that the female parent plants are expected to produce when grown under a specific production practice. FCIC will establish the approved yield based upon records provided by the seed company and other information it deems appropriate.

Bushel (HSC) — Fifty-six pound avoirdupois of shelled corn, 70 pounds avoirdupois of ear corn, or the number of pounds determined under the seed company's normal conversion chart when the chart is used to determine the approved yield and the claim for indemnity.

Bushel (HSS) — Fifty-six pounds avoirdupois of the insured crop.

Certified Seed Test (HSC) (HSS) — A warm germination test performed on clean seed according to specifications of the "Rules for Testing Seeds" of the Association of Official Seed analysts.

(b) Frost or freeze after the date set by the SP;

(c) Failure to follow the requirements stated in the HSC or HSS processor contract and production management practices of the seed company;

(d) Inadequate germination, even if resulting from an insured cause of loss, unless the insured has given the AIP notice of probable loss at least 15 days before the beginning of harvest if inadequate germination is anticipated on any unit; or

(e) Failure to plant the male parent plant seed at a time or in a manner sufficient to assure adequate pollination of the female parent plants, unless the insured is prevented from planting the male parent plant seed by an insured cause of loss. Should the processor contract require multiple (more than one) plantings of male plants several days apart, insurance will still attach whenever at least one planting of male plants was planted in a timely manner, only if the processor agrees to accept the production with only one planting of male plants. .

(4) No indemnity will be paid on a unit if the seed company fails to provide the AIP with records requested to determine the dollar value per bushel of production for each variety within 30 days of the end of the insurance period.

(5) In certain situations, producers may be granted approval from AIP's to leave representative samples when an accurate appraisal cannot be made at the time of release. Refer to the LAM for appraisals of representative samples.

B. DUTIES IN THE EVENT OF DAMAGE OR LOSS

In addition to the requirements in the BP:

(1) The insured must give notice of probable loss at least 15 days before the beginning of harvest if he anticipates inadequate germination on any unit;

(2) The insured must leave representative samples of at least one complete planting pattern of the female and male parent plant rows of the unharvested crop that extend the entire length of each field in the unit.

(3) The insured must provide a completed copy of the current hybrid seed processor contract unless a copy already has been provided to the AIP by the seed company, and the seed company certifies that such contract is used for all its growers without any waiver or amendment.

C. PROVISIONS AND PROCEDURES NOT APPLICABLE TO CAT COVERAGE

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

D. UNIT DIVISION

Refer to the insurance contract for unit provisions.

(1) For processor contracts that stipulate the amount of acreage, refer to the BP.

(2) For processor contracts that stipulate the amount of production to be delivered, refer to the CP:

(a) There will be no more than one basic unit for all production contracted under each processor contract; and

(b) Optional units will not be established.

(3) For HSS processor contracts that stipulate a number of acres to be planted, optional units by irrigated and non-irrigated practices are not allowed by the policy.

E. MOISTURE ADJUSTMENT

Moisture adjustment is applied prior to any qualifying quality adjustment factor such as test weight, kernel damage, etc. The moisture adjustment charts for HSC and HSS are found in **TABLE K** and **TABLE Q,** respectively.

F. MYCOTOXINS

(1) There is no specific "threshold" level of mycotoxin presence for hybrid seed. Price reduction due to mycotoxin presence will be allowed if the mycotoxin presence results in a reduction in value for the damaged grain and if the damage is due to an insured cause.

(2) Under section 15 (j) of the BP, if due to insured causes, a Federal or State agency has ordered the appraised insured crop or production to be destroyed, enter the factor ".000" on the PW in column 35 for appraised production or column 65 for harvested production, as applicable. Instruct the insured to complete and submit a Certification Form stating the date the crop or production WAS DESTROYED and the method of destruction (refer to item 40 and the Narrative below). Also refer to the LAM for additional information. Otherwise, MAKE NO ENTRY.

(3) Refer to the LAM for additional information.

4. REPLANTING PAYMENT PROCEDURES

There is currently no replanting payment available for hybrid seeds. Refer to the BP and the CP for replanting requirements prior to the final planting date.

d In the early stages of the plant's development, the internodes are very compact and, therefore, difficult to distinguish. By stage seven or eight, the internode elongation should be easily found.

(b) Ear development is used to determine stage of growth from tassel to maturity.

(c) Stage Characteristics. The characteristics listed in **EXHIBIT 4** are based on normal or average conditions in the Corn Belt Area for 120-day or full season corn. There are approximately 7 days from planting to emergence, and 21 days from emergence to the 7th actual leaf stage.

(2) Stages of Growth for Hybrid Sorghum Seed:

(a) Actual leaf count is used to determine the stage of growth until all the leaves are exposed.

1 Starting with the rounded tip leaf, count all leaves developed up to, and including, the stage indicator leaf. The stage indicator is that leaf which is at least 50 percent exposed. It is usually the uppermost leaf tip that is pointing below a horizontal line.

2 If the rounded tip leaf cannot be determined, the node identification system (Descriptive Pictures of the Sorghum Plant, **EXHIBIT 5)** will be used:

a Pull up the entire plant and carefully split the stalk to expose stalk nodes and root whorls.

b The **SEVENTH** leaf attaches to the top of the first noticeable elongation between the nodes (an internode).

c After the seventh leaf node is identified, count upward to the stage indicator leaf.

d In the early stages of the plant's development, the nodes are very compact and difficult to distinguish; by stage nine or ten, the internode elongation should be easily found.

(b) The development of the head determines the stage of growth after the boot stage. Refer to Sorghum Stage Characteristics (Heading through Maturity), **EXHIBIT 5**.

(c) Stage Definitions. The definitions listed in **EXHIBIT 5** are based on the average normal conditions for a 20-leaf, 115-day plant.

6. HYBRID SEED CORN APPRAISAL METHODS

A. GENERAL INFORMATION

These instructions provide information on appraisal methods for:

Appraisal Method…	Use…
Stand Reduction Method	For planted acreage with no emerged seed, and for all appraisals from emergence to the milk stage (stand reduction appraisals for hail damage begin with the 7th leaf stage).
Hail Damage Method	For hail-damaged corn appraisals beginning with the 7th leaf stage and until the corn reaches the milk stage.
Maturity Line Weight Method	For corn grain appraisals, from the milk stage until kernels are fully mature and moisture drops below 40 percent.
Weight Method	For all corn appraisals after the corn kernels are fully mature and kernel moisture drops below 40 percent.

B. STAND REDUCTION METHOD

If the reduction in stand is solely due to non-emerged seed due to insufficient soil moisture, do not complete appraisals prior to the time specified in the LAM. Refer to the section in the LAM regarding deferred appraisals and non-emerged seed.

(1) This method is based on the number of surviving plants in a designated sample row length.

(2) Surviving plant counts, at the time of appraisal, are converted to bushels per acre by multiplying the percent of potential remaining by the base yield. Base yield is the appropriate verified yield for the acreage from the "Hybrid Seed Approved Yield" form.

(3) Prior to the 11th leaf stage, the "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from Emergence through 10th Leaf Stages" (**TABLE C.1**) is used to determine the percent of potential remaining.

(4) From the 11th leaf stage to the 17th leaf stage, the "Hybrid Seed Corn Stand Reduction-Percent of Potential Remaining Chart from 11th through 17th Leaf Stages of Growth" (**TABLE C.2**) is used to determine the percent of potential remaining.

(5) From the 18th leaf stage to the milk stage, the yield and stand reductions are counted on a one-for-one basis. (Example: 80 percent stand = 80 percent potential.

(6) Sample consists of 1/100 acre.

(7) **Poor germination or crop development due to insured causes.**

Use the stand reduction method of appraisal based upon the number of plants capable of reaching the milk stage prior to the frost date listed in the actuarial table.

(a) Determine normal plant population by counting all potential (living, dead, missing, or non-emerged) plants in a length of row equivalent to 1/100 acre and enter in item 11.

(b) Determine stage of growth for EARLY-GERMINATING corn and record in item 19.

(c) Determine the stage of growth for each LATE-GERMINATING corn plant and record in item 23 ("notes and calculations" section):

The stage of each plant; and the computation of the number of days from the current stage to the milk stage for each plant and add FIVE days (the additional five days are to account for slower plant development as the frost date approaches).

(d) Compute the number of days from the appraisal date to the frost date (as listed in the actuarial table for HSC), and show calculation in item 23.

(e) Count and record in item 12 as "surviving," those plants which will reach the milk stage before the frost date (include early germinated plants).

(f) The percent of potential, item 15, is equal to the percent of "surviving" plants ("surviving" plant number divided by original plant population).

(g) Percent of potential (item 15) multiplied by the applicable base yield is the per acre appraisal.

EXAMPLE:

Some plants are in the 5th, 8th, and 10th leaf stages. Date of the appraisal is July 24. Average killing frost date is September 25, 63 days from the date of appraisal.

Late-developing plants which will not reach the milk stage prior to the frost date will not be counted as surviving plants. (Refer to chart below.)

Plants in the 10th leaf stage will be counted as surviving, since they will reach the milk stage in 58 days (allowing the additional five days for maturity retardation). Plants in the 8th leaf and earlier stage would not be counted as surviving, as they would not reach the milk stage prior to the frost date.

STAGE	DAYS TO MILK STAGE
5th leaf	73
8th leaf	64
10th leaf	58

C. HAIL DAMAGE METHOD

(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-per-acre appraisal.

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

(3) Direct damage includes loss from stand reduction, crippled plants, and damage to the ear and stalk.

(a) Stand Reduction:

1 Prior to the 11th leaf stage, the "Hail Stand Reduction Loss – Hybrid Seed Corn for 7th Leaf through 10th Leaf Stages of Growth" (Table D.1) is used to determine percent of damage due to stand reduction.

2 From the 11th leaf stage through the 17th leaf stage the "Hail Stand Reduction Loss – Hybrid Seed Corn for 11th Leaf through 17th Leaf Stages of Growth", (Table D.2) is used to determine the percent of damage due to stand reduction.

3 From the 18th leaf stage to the milk stage the damage due to stand reduction is counted on a one-for-one basis

(b) Crippled Plants:

1 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.

2 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 such time as 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.

10. **Sample Number:** 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. **Number of Surviving Plants 1/100 Acre:** Number of surviving plants.

13. **Percent of Stand:**

HSC - MAKE NO ENTRY.

HSS - Result, rounded to tenths, of dividing number of surviving plants (item 12) by the normal plant population (item 11).

14. **Round Col. 13 to Nearest 5 Percent:**

HSC - MAKE NO ENTRY.

HSS - Percent of stand (item 13) rounded to the nearest 5 percent.

15. **Percent of Potential:** Enter the percent of potential as follows:

a. Determine the stage at time of damage and enter in item 19.

b. **HSC** - Before 11th leaf stage, use **TABLE C.1** – Hybrid Seed Corn Stand Reduction Chart for Emergence through 10th Leaf Stages of Growth and enter percent potential rounded to whole percent, after interpolating.

c. **HSC** - From 11th leaf through 17th leaf stage, use **TABLE C.2** – Hybrid Seed Corn Stand Reduction Chart for 11th through 17th Leaf Stages of Growth and enter percent potential rounded to whole percent, after interpolating.

d. **HSC** - After 17th leaf stage, enter result of dividing item 12 by item 11 (rounded to whole percent)."

e. **HSS** - Before 20th leaf stage, apply item 14 to the Stand Reduction Chart, **(TABLE L)**, and enter in item 15.

f. **HSS** - After 19th leaf stage, repeat entry from item 14.

16. **Base Yield:** Repeat the entry from item 9.

17. **Appraisal for Sample:** Result (rounded to tenths) 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 tenths.

19. **Stage of Growth at Time of Damage:** Stages of growth at time of damage (Refer to **EXHIBIT 4 for HSC or EXHIBIT 5 for HSS**).

20. **Total Appraisals for All Sample:** Repeat entry from item 18.

21. **Number of Samples:** Total Number of Samples.

22. **Appraisal Per Acre/Field:** Result (rounded to tenths) of dividing the total appraisals for all samples (item 20) by the total number of samples (item 21).

23. **Notes and Calculations:** Enter pertinent information about the appraisal, including any appropriate calculations, or on a Special Report and attach to the claim when remarks are needed.

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 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 the signature date, document the date of the appraisal in the Remarks section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the Production Worksheet.

26. **Page:** Page numbers – (Example: Page 1 of 1, Page 1of 2, Page 2 of 2, etc.).

(2) HYBRID SEED CORN AND HYBRID SORGHUM SEED HAIL DAMAGE APPRAISAL WORKSHEET INSTRUCTIONS

Verify or make the following entries:

Item No.	Information Required
	Company: Name of AIP, if not preprinted on the worksheet (Company Name).
	Claim No.: 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 Number:** Insured's assigned policy number.
3.	**Unit Number:** Unit number from the Summary of Coverage after it is verified to be correct.
4.	**Crop:** "Hybrid Seed Corn" or "Hybrid Sorghum Seed."
5.	**Crop Year:** Four-digit crop year, as defined in the policy, for which the claim is filed...
6.	**FSA Farm No.:** FSA farm serial number and HYBRID IDENTIFICATION CODE.
7.	**Field No.:** Field identification symbol and number of female acres in field or subfield.
8.	**Ultimate No. of Leaves:**
	HSC - MAKE NO ENTRY.
	HSS - Ultimate number of leaves.
9.	**Base:** The approved yield from the "Hybrid Seed Approved Yield" form. If yield has not been established:

a. Complete inspection and worksheet except yield and associated entries. Inform insured that he/she will be contacted when yield is established. Forward claim and appraisal worksheet to the AIP.

b. The RMA RO will approve a yield and send yield confirmation to the AIP, who will notify the adjuster. In CRITICAL SITUATIONS, the RMA RO will phone an approved yield to the AIP and send a written confirmation.

c. The adjuster will complete an appraisal worksheet and Claim Form entries, arrange for the insured's signature on the worksheet and/or claim, and distribute the documents.

10. **Sample Number:** MAKE NO ENTRY.

11. **Normal Number of Plants 1/100 Acre:** Normal plant population (original stand) - determine by counting the potential (living, dead, missing or non-emerged) plants in a length of row equivalent to 1/100 acre, rounded to the nearest multiple of ten..

12. **No. Plants Totally Destroyed 1/100 Acre:** Number of plants totally destroyed in the sample row length. (If totally destroyed plants cannot be accurately counted, complete item 13, and enter result of subtracting item 13 from item 11.)

13. **Remaining Stand No. Plants:** Number of remaining plants - determine number of remaining plants, or enter the result of subtracting item 12 from item 11.

14. **% Damage from Stand Reduction:**

HSC - Determine and enter percent of damage (Rounded to whole percent).

a. From 7th through 10th leaf stages, use Hail Stand Reduction Loss Chart 7th Leaf through 10th Leaf Stages of Growth (**TABLE D.1**) based on entries in items 11 (normal number of plants) and item 13 (remaining stand). Interpolate to nearest whole percent.

b. From 11th through 17th leaf stage, use Hail Stand Reduction Loss 11th Leaf through 17th Leaf Stages of Growth, (**TABLE D.2**) to determine % damage from stand reduction based on entries in items 11 (normal number of plants) and item 13 (remaining stand). Interpolate to nearest whole percent.

c. After 17th leaf stage, enter result of dividing item 12 by item 11

HSS - Divide item 13 by item 11. Round to the nearest 5 percent and apply results to Hail Stand Reduction Chart, **TABLE M**. Enter percent of damage from table.

15. **Percent Cripple (HSC Only):**

Determine entry as follows (refer to item 31 for calculations and subsection 6 C (3) (b) for definition):

a. Count the number of cripples in 100 remaining live plants.

b. Individually evaluate the ears on the crippled plants to determine the GROSS damage from cripples.

c. Multiply this Gross percent times the remaining crop (100 - item 14) to obtain the NET percent of damage. Round to nearest tenth.

d. Show all calculations in the Remarks section of the appraisal worksheet or on a Special Report.

(d) Claims involving a Certification Form (when all the acreage on the unit has been appraised to be put to another use, or other reasons described in the LAM).

(e) "No Indemnity Due" claims (which must be verified by an APPRAISAL or NOTIFICATION from the insured that the production exceeded the guarantee).

(f) Late planting.

(4) Refer to the Prevented Planting Handbook for information on prevented planting.

(5) 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 AIP.

(6) Instructions labeled "**PRELIMINARY"** apply to preliminary inspections only. Instructions labeled "**FINAL"** apply to final inspections only. Instructions not labeled apply to ALL inspections.

(7) If the AIP determines the claim is to be DENIED, refer to the LAM for PW completion instructions.

C. FORM ENTRIES AND COMPLETION INFORMATION

Verify or make the following entries:

Item No.	Information Required
1.	**Crop/Code #:** "Hybrid Seed Corn" (0062) or "Hybrid Sorghum Seed" (0050).
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 Serial Numbers; FSA Common Land Units (CLU) and tract numbers; GPS identifications; or Grid identifications) as applicable for the crop.
4.	**Date of Damage:** First three letters of the month(s) during which the determined insured damage occurred for the inspection and cause(s) of damage 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.

5. **Cause(s) of Damage:** 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 for this inspection. 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.

   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).

6. **Insured Cause %:**

   PRELIMINARY: MAKE NO ENTRY.

   FINAL: Whole percent of damage for the insured cause of damage listed in item 5 above for this inspection. Enter additional "Insured Cause %" in the extra spaces, as needed. If additional space is needed, enter the additional determined "Insured Cause %" in the Narrative (or on a Special Report). The total of all "Insured Cause %" including those entered in the Narrative must equal 100%.

   If there is no insurable cause of loss, and a no indemnity due claim will be completed, MAKE NO ENTRY.

   Example entries for items 4-6 and the Narrative, reflecting entries for multiple dates of damage, the corresponding insured causes of damage and insured cause percents:

4. Date(s) of Damage	MAY	JUN 30	JUN 30	AUG	AUG
5. Cause(s) of Damage	Excess Moisture	Tornado	Hail	Drought	Heat
6. Insured Cause %	10	20	15	25	20
Narrative: Additional date of damage – SEP 5; Cause of damage – Freeze; Insured cause percent - 10%.					

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 AIP.

10. **Policy #:** Insured's assigned policy number.

11. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim is filed.

30. **Use of Acreage**: Use the following "Intended Use" abbreviations.

USE	EXPLANATION
""To Soybeans," etc.....	Use made of the acreage
"WOC"	Other use without consent
"SU".....	Solely uninsured
"ABA"	Abandoned without consent
"H".....	Harvested
"UH".....	Unharvested

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

PREVENTED PLANTING: Refer to the Prevented Planting Handbook for proper codes for any eligible prevented planting acreage.

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

31. **Appraised Potential:** Per-acre appraisal in bushels, to tenths, of POTENTIAL production for the acreage appraised. Refer to section 6, "Hybrid Seed Corn Appraisal Methods," or section 7, "Hybrid Sorghum Seed Appraisal Methods," for additional instructions.

If there is no potential on UH acreage, enter "0.0." Refer to the LAM for procedures for documenting zero yield appraisals.

32a **Moisture %:** Moisture percent rounded to nearest tenth (for weight method only. For all other appraisals MAKE NO ENTRY. (Sorghum appraised as mature grain).

For corn, this entry is for documentation purposes only. Moisture correction is computed on the Weight Method Appraisal Worksheet.

32b. **Factor:**

HSC: MAKE NO ENTRY.

Hybrid Sorghum Seed: Four-place moisture factor from **TABLE G** (Hybrid Sorghum Seed Moisture Factor Table)**.**

33. **Shell %, Factor, or Value:**

HSS: MAKE NO ENTRY.

HSC: When a weight-method appraisal is made for mature hybrid seed ear corn, enter the shelling percentage factor rounded to whole percent. (Refer to **TABLE G**); otherwise, MAKE NO ENTRY.

For mycotoxin-infected production with no market value, refer to the LAM.

34. **Production Pre QA:**

PRELIMINARY AND FINAL: Result of multiplying column 31 times column 19, and if applicable, multiplying this result times columns 32b times column 33, round result to tenths of a bushel. If no entry in column 31, MAKE NO ENTRY.

35. **Quality Factor:**

Enter the Dollar Value per bushel determined as follows:

a. For line entries showing appraised production considered as seed production, enter the applicable hybrid dollar value per bushel (in dollar and cents). Calculate the hybrid dollar value per bushel by multiplying the coverage level percent times the approved yield listed on the HYBRID SEED APPROVED YIELD form, (refer to **EXHIBIT 2 or EXHIBIT 3** for examples) and dividing the result into the applicable dollar amount of insurance per acre. If no entry in column 34 or column 37, MAKE NO ENTRY.

EXAMPLE:
The coverage level is 65%.
The approved yield is 40 bushels per acre.
The dollar amount of insurance is $352.00 per acre.
65% X 40 bu. per acre = 26.0 bu. per acre
$352.00 ÷ 26.0 bu. = $13.54 per bushel (Dollar Value)

b. For appraised production considered as non-seed production, enter the local market price of the sorghum or corn on the date of final inspection, taking into account reduction in value due to insurable causes.

For appraised non-seed production which cannot be valued, enter the local market price for No. 2 grain sorghum or corn on the date of final inspection.

c. If at the time of the appraisal it cannot be determined if the crop will make acceptable seed production, the appraisal shall be considered as seed production.

d. **Only mature HSS can qualify as NON-SEED production; all appraised production prior to maturity must be counted as seed.**

e. Refer to subsection 3 D (3) if, due to insured causes, a Federal or State agency has ordered the appraised crop or production to be destroyed.

36. **Production Post QA:**

PRELIMINARY AND FINAL: Result of multiplying column 34 times column 35, rounded to the nearest whole dollar. If no entry in column 34, MAKE NO ENTRY.

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 (e.g., high moisture grain going into air-tight storage, released for other uses, etc.).

(2) Columns 49 through 52 are for structure measurement entries (Rectangular, Round, Square, conical pile, etc.). If structures are a combination of shapes, break into a series of average measurements, if possible. Enter "Odd Shape" if production is stored in an odd shaped structure. Document measurements on a Special Report or other worksheet used for this purpose.

(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 49 through 52. Refer to the LAM for acceptable weight tickets.

(4) For production commercially stored, sold, etc., make entries in columns 49 through 52 as follows:

(a) Name and address of storage facility or buyer.

(b) "Seed," "Fed," etc.

(5) Non-seed production to count depends upon the market value. Determine local market price from a representative sample by contacting local grain dealers and livestock producers.

(6) If acceptable sales or weight tickets are not available, refer to the LAM.

(7) If additional lines are necessary, the data may be entered on a continuation sheet. USE SEPARATE LINES FOR:

(a) Separate storage structures.

(b) Varying names and addresses of buyers of sold production.

(c) Varying determinations of production (varying moisture, foreign material (FM), test weight, value, etc.). Average percent of (FM) or moisture can be entered when the elevator has calculated the average on the summary sheet, and the determined average is acceptable to the adjuster. Separate line entries are not otherwise required. Refer to the LAM for instructions.

(d) Varying shares; e.g., 50 percent and 75 percent shares on same unit.

(e) Conical piles. Do **NOT** add the cone in the top or bottom of a bin to the height of other grain in the structure. For computing the production in cones and conical piles, refer to the LAM.

(8) There will generally be no harvested production entries in items 47 through 66 for preliminary inspections.

(9) If there is harvested production from more than one insured practice (or type) and a separate approved APH yield has been established for each, the harvested production also must be entered on separate lines in items "47" through "66" by type or practice. If production has been commingled, refer to the LAM.

(10) Production to count (bushels per total planted female acre yield) must be based on the amount of harvested production delivered to the seed company's plant prior to any production entering the seed conditioning process (i.e. drying, shelling, screening, etc.), and adjusted for moisture, shelling factor, and foreign material (i.e. husks, stalks, etc.) as necessary.

For the purpose of determining the quantity of mature field production:

(a) Shelled corn must be adjusted .12 percent for each .1 percentage point of moisture to 15.0.

(b) HSS must be adjusted .12 percent for each .1 percentage point of moisture to 13.0.

(c) Ear corn must be measured at 70 pounds of ear corn equaling 56 pounds (one bushel) of shelled corn. The weight of ear corn required to equal one bushel of shelled corn must be increased 1.5 pounds for each percentage point of moisture in excess of 14 percent.

(d) HSS must be measured at 56 pounds of production equaling one bushel.

(e) All records of harvested field seed corn production, provided by the seed company, must be adjusted to a shelled corn basis of 15.0 percent moisture, and 56-pound test weight.

(f) All records of harvested HSS production, provided by the seed company, must be adjusted to a shelled basis of 13.0 percent moisture, and 56-pound test weight.

(11) For mycotoxin damage, refer to the LAM for special instructions.

11. REFERENCE MATERIAL

TABLE A – MINIMUM REPRESENTATIVE SAMPLE REQUIREMENTS

ACRES IN FIELD OR SUBFIELD	MINIMUM NO. OF SAMPLES
*** 0.1 – 10.0	3
Add one additional sample for each additional 40.0 acres (or fraction thereof) in the field or subfield.	

TABLE B – ROW WIDTHS AND LENGTHS

ROW WIDTH	1/100 ACRE	1/1000 ACRE	1/2000 ACRE
42”	124.5	12.4	6.2
40”	130.7	13.1	6.5
38”	137.6	13.8	6.9
36”	145.2	14.5	7.3
34”	153.7	15.4	7.7
32”	163.4	16.3	8.2
30”	174.2	17.4	8.7
28”	186.7	18.7	9.3
26”	201.0	20.1	10.1
24”	217.8	21.8	10.9
22”	237.6	23.8	11.9
20”	261.4	26.1	13.1
18”	290.4	29.0	14.5
26”	326.7	32.7	16.3
14”	373.4	37.3	18.7

For row widths not listed in **TABLE B**, use the following formula:

$$\frac{43{,}560 \text{ sq. ft./acre} \div \left[\frac{\text{row width in inches}}{12"}\right]}{\begin{array}{cc}\text{100 ft.} & \text{1000 ft.}\\ \text{(for 1/100 acre)} & \text{(for 1/1000 acre)}\end{array}} \quad \text{or}$$

EXAMPLE:

$$\frac{43{,}560 \text{ sq. ft./acre} \div \frac{25"}{12"}}{100 \text{ ft.}} = \frac{43{,}560 \text{ sq. ft.} \div 2.083}{100 \text{ ft.}} = \frac{20{,}912.146}{100 \text{ ft.}} = 209.121 \text{ ft. or } 209.1 \text{ ft. row length}$$

TABLE C.1 – HYBRID SEED CORN STAND REDUCTION PERCENT OF POTENTIAL REMAINING FROM EMERGENCE THROUGH 10TH LEAF STAGES OF GROWTH

Use from emergence through 10th leaf stage. Interpolate as necessary and round to the nearest whole percent. (DO NOT USE AFTER 10TH LEAF STAGE.)

REMAINING PLANTS IN SAMPLE (1/100) ACRE

ORIGINAL STAND	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	ORIGINAL STAND
400	100	100	99	98	98	97	97	97	96	95	94	92	91	89	87	86	84	82	80	78	76	74	72	69	67	64	61	58	55	52	48	43	37	31	24	19	14	10	5	400
390	100	100	100	99	98	97	97	97	96	95	94	93	91	89	87	86	84	82	80	78	76	74	72	69	67	65	62	59	56	53	49	44	38	32	25	20	15	10	5	390
380		100	100	99	99	98	98	97	96	95	94	93	91	89	87	86	84	82	80	78	76	74	72	69	67	65	62	59	56	53	49	44	39	33	26	21	16	10	5	380
370			100	100	99	99	98	97	96	95	94	93	92	90	88	86	84	82	80	78	76	74	72	69	67	65	62	59	56	53	49	44	39	34	27	22	16	11	5	370
360				100	100	99	99	98	97	96	94	93	93	91	89	87	85	83	81	78	76	74	72	69	67	65	62	59	56	53	50	46	41	35	28	22	17	11	6	360
350					100	100	99	99	98	97	96	95	94	92	90	88	86	84	81	79	77	75	73	71	69	66	64	61	58	55	51	47	42	36	29	23	17	12	6	350
340						100	100	99	99	98	97	96	95	94	92	90	88	85	83	81	79	76	74	72	69	67	64	61	58	55	51	47	42	36	30	24	18	12	6	340
330							100	100	99	98	97	96	95	94	92	91	89	86	84	82	80	78	75	73	70	68	65	62	59	55	51	47	42	37	31	25	19	12	6	330
320								100	99	98	97	96	95	94	93	92	91	89	87	84	82	79	77	74	71	68	65	62	59	55	51	47	43	38	32	26	20	14	8	320
310									100	99	98	97	96	95	94	93	92	90	88	86	84	81	79	76	73	70	67	64	61	57	53	48	44	39	33	27	21	15	9	310
300										100	99	98	97	96	95	94	93	91	89	88	86	83	80	77	75	72	69	66	63	59	55	50	45	40	34	29	23	17	11	300
290											100	99	98	97	96	95	94	92	90	89	87	85	82	79	77	74	71	68	65	61	57	52	47	42	36	31	25	19	11	290
280												100	99	98	97	95	94	93	91	90	88	86	84	81	79	76	73	70	66	63	59	54	49	43	37	33	27	21	12	280
270													100	99	97	96	95	94	93	91	90	88	86	84	82	79	76	72	69	65	60	55	50	45	39	34	28	22	13	270
260														100	99	97	96	95	94	93	91	90	88	86	84	81	78	75	71	67	62	57	52	47	41	36	30	23	14	260
250															100	99	98	97	96	94	93	92	90	88	86	83	80	77	73	69	64	59	54	49	43	37	30	23	15	250
240																100	99	98	97	96	95	94	91	90	88	85	82	78	74	71	66	60	55	50	44	38	31	24	15	240
230																	100	99	98	97	96	95	92	91	89	86	83	79	75	71	67	61	56	51	45	38	31	24	15	230
220																		100	99	98	97	96	93	92	90	87	84	80	76	72	67	62	57	52	46	40	33	25	16	220
210																			100	99	98	96	94	93	91	88	84	80	76	73	68	63	58	53	47	41	34	25	16	210
200																				100	99	97	95	94	92	89	85	81	77	73	69	64	59	54	48	42	35	26	17	200
190																					100	98	96	95	93	90	86	83	79	75	70	65	60	55	49	43	36	27	17	190
180			**EXAMPLE:**																			100	98	96	94	91	88	85	81	77	72	67	62	57	51	45	36	27	17	180
170			To interpolate for 39 remaining plants and 240 original plants (236 original plants, rounded to 240):																				100	98	96	93	90	87	83	79	74	69	64	59	53	46	37	27	18	170
160			39 is .9 of difference between 30 and 40; .9 x 7 (38 - 31) = 6.3																					100	98	95	92	89	85	81	76	71	66	61	55	46	38	28	18	160
150			31 plus 6.3 = 37.3 (rounded to 37)																						100	97	95	92	88	84	79	74	69	64	58	47	38	28	18	150
140																										100	97	94	90	86	82	77	72	67	61	48	39	29	19	140
130																											100	97	94	90	85	80	75	70	64	49	39	29	19	130
120			**EXAMPLE: (For Remaining Plants of 0 – 10)**																									100	97	93	88	83	78	73	67	50	40	30	21	120
110			To interpolate for 6 remaining plants and 240 original plants:																										100	97	92	88	83	78	72	51	40	30	23	110
100			(236 original plants, rounded to 240)																											100	96	92	88	83	77	52	41	31	23	100
90			6 is .6 of difference between 0 and 10;																												100	96	92	87	81	53	41	31	24	90
80			.6 x 15 (15-0) = 9																													100	96	91	85	54	42	32	25	80
70			0 + 9 = 9																														100	96	91	55	42	32	26	70
60																																		100	95	56	43	33	27	60
50																																			100	57	43	33	28	50
	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	

REMAINING PLANTS IN SAMPLE (1/100 ACRE)

TABLE C.2 - HYBRID SEED CORN STAND REDUCTION - PERCENT OF POTENTIAL REMAINING 11th Leaf through 17th Leaf Stages of Growth

Use from 11th leaf through 17th leaf stage. Interpolate as necessary and round to the nearest whole percent. (DO NOT USE BEFORE THE 11TH LEAF STAGE)

REMAINING STAND IN 1/100 OF AN ACRE

ORIGINAL STAND 1/100 OF AN ACRE	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	ORIGINAL STAND 1/100 OF AN ACRE
400	98	96	94	92	91	89	88	87	86	84	83	82	80	79	78	76	74	73	71	69	66	64	62	59	56	53	50	47	44	40	37	33	29	25	21	17	13	8	4	400
390	100	98	96	94	92	91	89	88	87	85	84	83	81	80	79	77	75	74	72	70	68	65	63	60	57	54	51	48	45	41	37	34	30	26	21	17	13	9	4	390
380		100	98	96	94	92	90	89	88	86	85	84	82	81	79	78	76	75	73	71	69	66	64	61	58	55	52	49	46	42	38	34	30	26	22	18	13	9	4	380
370			100	98	95	94	92	90	89	87	86	85	83	82	80	79	77	76	74	72	70	67	65	62	60	57	53	50	47	43	39	35	31	27	23	18	14	9	5	370
360				100	98	95	93	92	90	88	87	86	84	83	81	80	78	77	75	73	71	69	66	64	61	58	55	51	48	44	40	36	32	28	23	19	14	9	5	360
350					100	97	95	93	91	90	88	87	85	84	82	81	79	78	76	74	72	70	67	65	62	59	56	52	49	45	41	37	33	28	24	19	14	10	5	350
340						100	97	95	93	91	90	88	86	85	84	82	80	79	77	75	73	71	69	66	63	60	57	54	50	46	42	38	34	29	25	20	15	10	5	340
330							100	97	95	93	91	89	88	86	85	83	82	80	78	76	74	72	70	67	65	62	58	55	51	47	43	39	35	30	25	20	15	10	5	330
320								100	97	95	93	91	89	87	86	84	83	81	79	78	76	73	71	69	66	63	60	56	53	49	45	40	36	31	26	21	16	11	5	320
310									100	97	95	93	91	89	87	85	84	82	81	79	77	75	72	70	67	64	61	58	54	50	46	41	37	32	27	22	16	11	5	310
300										100	97	95	92	90	88	87	85	83	82	80	78	76	74	71	69	66	62	59	55	51	47	43	38	33	28	22	17	11	6	300
290											100	97	94	92	90	88	86	85	83	81	79	77	75	73	70	67	64	60	57	53	48	44	39	34	29	23	17	12	6	290
280												100	97	94	92	90	88	86	84	82	81	79	76	74	71	69	65	62	58	54	50	45	40	35	30	24	18	12	6	280
270													100	97	94	92	89	88	86	84	82	80	78	76	73	70	67	64	60	56	51	47	41	36	31	25	19	13	6	270
260														100	97	94	91	89	87	85	83	81	79	77	74	72	69	65	61	57	53	48	43	37	32	26	19	13	7	260
250															100	97	94	91	89	87	85	83	81	78	76	73	70	67	63	59	55	50	44	39	33	27	20	14	7	250
240																100	96	93	91	88	86	84	82	80	78	75	72	69	65	61	56	51	46	40	34	28	21	14	7	240
230																	100	96	93	90	88	86	84	82	79	77	74	70	67	63	58	53	48	42	35	29	22	15	7	230
220																		100	96	93	90	88	85	83	81	78	75	72	69	65	60	55	49	43	37	30	23	15	8	220
210																			100	96	93	90	87	85	82	80	77	74	71	67	62	57	51	45	38	31	24	16	8	210
200																				100	96	92	89	87	84	82	79	76	73	69	64	59	53	47	40	33	25	17	8	200
190																					100	96	92	89	86	84	81	78	75	71	66	61	55	49	42	34	26	18	9	190
180																						100	95	92	88	86	83	80	77	73	69	64	58	51	44	36	28	19	9	180
170																							100	95	91	88	85	82	79	75	71	66	60	54	46	38	29	20	10	170
160																								100	95	91	87	84	81	78	73	69	63	56	49	40	31	21	11	160
150																									100	95	90	87	83	80	76	71	66	59	51	43	33	22	11	150
140																										100	94	90	86	82	79	74	69	62	54	45	35	24	12	140
130																											100	94	89	85	81	77	72	65	57	48	37	26	13	130
120																												100	93	88	84	80	75	69	61	51	40	28	14	120
110																													100	93	88	83	78	72	65	55	43	30	15	110
100																														100	92	87	82	76	69	59	47	33	17	100
90																															100	92	86	80	73	64	51	36	19	90
80																																100	91	84	78	69	56	40	21	80
70																																	100	90	82	74	62	45	24	70
60																																		100	88	80	69	51	28	60
50																																			100	87	76	59	33	50
	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	

REMAINING STAND IN 1/100 OF AN ACRE

TABLE D.1 - HAIL STAND REDUCTION LOSS –HYBRID SEED CORN FOR 7TH LEAF THROUGH 10TH LEAF STAGES OF GROWTH

Use from emergence through 10th leaf stage. Interpolate as necessary and round to the nearest whole percent. (DO NOT USE AFTER 10TH LEAF STAGE.)

REMAINING PLANTS IN SAMPLE (1/100) ACRE

ORIGINAL STAND	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	ORIGINAL STAND
400	0	0	1	2	2	3	3	3	4	5	6	8	9	11	13	14	16	18	20	22	24	26	28	31	33	36	39	42	45	48	52	57	63	69	76	81	86	90	95	400
390	0	0	0	1	2	3	3	3	4	5	6	7	9	11	13	14	16	18	20	22	24	26	28	31	33	35	38	41	44	47	51	56	62	68	75	80	85	90	95	390
380		0	0	1	1	2	2	3	4	5	6	7	9	11	13	14	16	18	20	22	24	26	28	31	33	35	38	41	44	47	51	56	61	67	74	79	84	90	95	380
370			0	0	1	1	2	3	4	5	6	7	8	10	12	14	16	18	20	22	24	26	28	31	33	35	38	41	44	47	51	56	61	66	73	78	84	89	95	370
360				0	0	1	1	2	3	4	6	7	7	9	11	13	15	17	19	22	24	26	28	31	33	35	38	41	44	47	50	54	59	65	72	78	83	89	94	360
350					0	0	1	1	2	3	4	5	6	8	10	12	14	16	19	21	23	25	27	29	31	34	36	39	42	45	49	53	58	64	71	77	83	88	94	350
340						0	0	1	1	2	3	4	5	6	8	10	12	15	17	19	21	24	26	28	31	33	36	39	42	45	49	53	58	64	70	76	82	88	94	340
330							0	0	1	2	3	4	5	6	8	9	11	14	16	18	20	22	25	27	30	32	35	38	41	45	49	53	58	63	69	75	81	88	94	330
320								0	1	2	3	4	5	6	7	8	9	11	13	16	18	21	23	26	29	32	35	38	41	45	49	53	57	62	68	74	80	86	92	320
310									0	1	2	3	4	5	6	7	8	10	12	14	16	19	21	24	27	30	33	36	39	43	47	52	56	61	67	73	79	85	91	310
300										0	1	2	3	4	5	6	7	9	11	12	14	17	20	23	25	28	31	34	37	41	45	50	55	60	66	71	77	83	89	300
290											0	1	2	3	4	5	6	8	10	11	13	15	18	21	23	26	29	32	35	39	43	48	53	58	64	69	75	81	89	290
280												0	1	2	3	5	6	7	9	10	12	14	16	19	21	24	27	30	34	37	41	46	51	57	63	67	73	79	88	280
270													0	1	3	4	5	6	7	9	10	12	14	16	18	21	24	28	31	35	40	45	50	55	61	66	72	78	87	270
260														0	1	3	4	5	6	7	9	10	12	14	16	19	22	25	29	33	38	43	48	53	59	64	70	77	86	260
250															0	1	2	3	4	6	7	8	10	12	14	17	20	23	27	31	36	41	46	51	57	63	70	77	85	250
240																0	1	2	3	4	5	6	9	10	12	15	18	22	26	29	34	40	45	50	56	62	69	76	85	240
230																	0	1	2	3	4	5	8	9	11	14	17	21	25	29	33	39	44	49	55	62	69	76	85	230
220																		0	1	2	3	4	7	8	10	13	16	20	24	28	33	38	43	48	54	60	67	75	84	220
210																			0	1	2	4	6	7	9	12	16	20	24	27	32	37	42	47	53	59	66	75	84	210
200																				0	1	3	5	6	8	11	15	19	23	27	31	36	41	46	52	58	65	74	83	200
190																					0	2	4	5	7	10	14	17	21	25	30	35	40	45	51	57	64	73	83	190
180																						0	2	4	6	9	12	15	19	23	28	33	38	43	49	55	64	73	83	180
170																							0	2	4	7	10	13	17	21	26	31	36	41	47	54	63	73	82	170
160																								0	2	5	8	11	15	19	24	29	34	39	45	54	62	72	82	160
150																									0	3	5	8	12	16	21	26	31	36	42	53	62	72	82	150
140																										0	3	6	10	14	18	23	28	33	39	52	61	71	81	140
130																											0	3	6	10	15	20	25	30	36	51	61	71	81	130
120																												0	3	7	12	17	22	27	33	50	60	70	79	120
110																													0	3	8	12	17	22	28	49	60	70	77	110
100																														0	4	8	12	17	23	48	59	69	77	100
90																															0	4	8	13	19	47	59	69	76	90
80																																0	4	9	15	46	58	68	75	80
70																																	0	4	9	45	58	68	74	70
60																																		0	5	44	57	67	73	60
50																																			0	43	57	67	72	50
	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	

REMAINING PLANTS IN SAMPLE (1/100) ACRE

EXAMPLE: To interpolate for 89 remaining plants and 240 original plants (236 original plants rounded to 240):
89 is .9 of difference between 90 and 80;
.9 X 6(40 - 34) = 5.4
40 minus 5.4 = 34.6 (rounded to 35)

EXAMPLE: (For Remaining Plants of 0 – 10)
To interpolate for 6 remaining plants and 240 original plants:
(236 original plants rounded to 240)
6 is .6 of difference between 0 and 10;
.6 x 15 (100 – 85) = 9
100 minus 9 = 91

TABLE D.2 - HAIL STAND REDUCTION LOSS – HYBRID SEED CORN FOR 11TH LEAF THROUGH 17TH LEAF STAGES OF GROWTH

Use from 11th leaf through 17th leaf stage. Interpolate as necessary and round to the nearest whole percent. (DO NOT USE BEFORE 11TH LEAF STAGE.)

REMAINING STAND IN 1/100 OF AN ACRE

ORIGINAL STAND 1/100 OF AN ACRE	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	ORIGINAL STAND 1/100 OF AN ACRE
400	2	4	6	8	9	11	12	13	14	16	17	18	20	21	22	24	26	27	29	31	34	36	38	41	44	47	50	53	56	60	63	67	71	75	79	83	87	92	96	400
390	0	2	4	6	8	9	11	12	13	15	16	17	19	20	21	23	25	26	28	30	32	35	37	40	43	46	49	52	55	59	63	66	70	74	79	83	87	91	96	390
380		0	2	4	6	8	10	11	12	14	15	16	18	19	21	22	24	25	27	29	31	34	36	39	42	45	48	51	54	58	62	66	70	74	78	82	87	91	96	380
370			0	2	5	6	8	10	11	13	14	15	17	18	20	21	23	24	26	28	30	33	35	38	40	43	47	50	53	57	61	65	69	73	77	82	86	91	95	370
360				0	2	5	7	8	10	12	13	14	16	17	19	20	22	23	25	27	29	31	34	36	39	42	45	49	52	56	60	64	68	72	77	81	86	91	95	360
350					0	3	5	7	9	10	12	13	15	16	18	19	21	22	24	26	28	30	33	35	38	41	44	48	51	55	59	63	67	72	76	81	86	90	95	350
340						0	3	5	7	9	10	12	14	15	16	18	20	21	23	25	27	29	31	34	37	40	43	46	50	54	58	62	66	71	75	80	85	90	95	340
330							0	3	5	7	9	11	12	14	15	17	18	20	22	24	26	28	30	33	35	38	42	45	49	53	57	61	65	70	75	80	85	90	95	330
320								0	3	5	7	9	11	13	14	16	17	19	21	22	24	27	29	31	34	37	40	44	47	51	55	60	64	69	74	79	84	89	95	320
310									0	3	5	7	9	11	13	15	16	18	19	21	23	25	28	30	33	36	39	42	46	50	54	59	63	68	73	78	84	89	95	310
300										0	3	5	8	10	12	13	15	17	18	20	22	24	26	29	31	34	38	41	45	49	53	57	62	67	72	78	83	89	94	300
290											0	3	6	8	10	12	14	15	17	19	21	23	25	27	30	33	36	40	43	47	52	56	61	66	71	77	83	88	94	290
280												0	3	6	8	10	12	14	16	18	19	21	24	26	29	31	35	38	42	46	50	55	60	65	70	76	82	88	94	280
270													0	3	6	8	11	12	14	16	18	20	22	24	27	30	33	36	40	44	49	53	59	64	69	75	81	87	94	270
260														0	3	6	9	11	13	15	17	19	21	23	26	28	31	35	39	43	47	52	57	63	68	74	81	87	93	260
250															0	3	6	9	11	13	15	17	19	22	24	27	30	33	37	41	45	50	56	61	67	73	80	86	93	250
240																0	4	7	9	12	14	16	18	20	22	25	28	31	35	39	44	49	54	60	66	72	79	86	93	240
230																	0	4	7	10	12	14	16	18	21	23	26	30	33	37	42	47	52	58	65	71	78	85	93	230
220																		0	4	7	10	12	15	17	19	22	25	28	31	35	40	45	51	57	63	70	77	85	92	220
210																			0	4	7	10	13	15	18	20	23	26	29	33	38	43	49	55	62	69	76	84	92	210
200																				0	4	8	11	13	16	18	21	24	27	31	36	41	47	53	60	67	75	83	92	200
190																					0	4	8	11	14	16	19	22	25	29	34	39	45	51	58	66	74	82	91	190
180																						0	5	8	12	14	17	20	23	27	31	36	42	49	56	64	72	81	91	180
170																							0	5	9	12	15	18	21	25	29	34	40	46	54	62	71	80	90	170
160																								0	5	9	13	16	19	22	27	31	37	44	51	60	69	79	89	160
150																									0	5	10	13	17	20	24	29	34	41	49	57	67	78	89	150
140																										0	6	10	14	18	21	26	31	38	46	55	65	76	88	140
130																											0	6	11	15	19	23	28	35	43	52	63	74	87	130
120																												0	7	12	16	20	25	31	39	49	60	72	86	120
110																													0	7	12	17	22	28	35	45	57	70	85	110
100																														0	8	13	18	24	31	41	53	67	83	100
90																															0	8	14	20	27	36	49	64	81	90
80																																0	9	16	22	31	44	60	79	80
70																																	0	10	18	26	38	55	76	70
60																																		0	12	20	31	49	72	60
50																																			0	13	24	41	67	50
	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	

REMAINING STAND IN 1/100 OF AN ACRE

TABLE E – LEAF LOSS CHART – HYBRID SEED CORN

Stage of Growth	Percent Leaf Area Destroyed																		
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
	Percent Production Lost																		
7-leaf	0	0	0	0	0	0	1	1	2	3	4	4	5	5	6	7	8	9	9
8-leaf	0	0	0	0	0	1	1	2	3	4	5	5	6	6	7	8	9	10	11
9-leaf	0	0	0	1	1	2	2	3	4	5	6	6	7	7	9	10	11	12	13
10-leaf	0	0	0	1	2	3	4	5	6	7	8	8	9	9	11	13	14	15	16
11-leaf	0	0	1	1	2	3	5	6	7	8	9	10	11	12	14	16	18	20	22
12-leaf	0	0	1	2	3	4	5	7	9	10	11	13	15	16	18	20	23	26	28
13-leaf	0	1	1	2	3	4	6	8	10	11	13	15	17	19	22	25	28	31	34
14-leaf	0	1	2	3	4	6	8	10	13	15	17	20	22	25	28	32	36	40	44
15-leaf	1	1	2	3	5	7	9	12	15	17	20	23	26	30	34	38	42	46	51
16-leaf	1	2	3	4	6	8	11	14	18	20	23	27	31	36	40	44	49	55	61
17-leaf	2	3	4	5	7	9	13	17	21	24	28	32	37	43	48	53	59	65	72
18-leaf	2	3	5	7	9	11	15	19	24	28	33	38	44	50	56	62	69	76	84
19-21 leaf	3	4	6	8	11	14	18	22	27	32	38	43	51	57	64	71	79	87	96
Tassel	3	5	7	9	13	17	21	26	31	36	42	48	55	62	68	75	83	91	100
Silked	3	5	7	9	12	16	20	24	29	34	39	45	51	58	65	72	80	88	97
Silks brown	2	4	6	8	11	15	18	22	27	31	36	41	47	54	60	66	74	81	90
Pre-blister	2	3	5	7	10	13	16	20	24	28	32	37	43	49	54	60	66	73	81
Blister	2	3	5	7	10	13	16	19	22	26	30	34	39	45	50	55	60	66	73
Early milk	2	3	4	6	8	11	14	17	20	24	28	32	36	41	45	50	55	60	66
Milk	1	2	3	5	7	9	12	15	18	21	24	28	32	37	41	45	49	54	59
Late milk	1	2	3	4	6	8	10	12	15	18	21	24	28	32	35	38	42	46	50
Soft dough	1	1	2	2	4	6	8	10	12	14	17	20	23	26	29	32	35	38	41
Early dent		0	1	1	2	3	5	7	9	11	13	15	18	21	23	25	27	29	32
Dent	0	0	0	1	2	3	4	6	7	8	10	12	14	15	17	19	20	21	23
Late dent	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Nearly mature	0	0	0	0	0	0	0	0	1	2	3	4	5	5	6	6	7	7	8
Mature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

For percentage of production loss not on the chart, interpolate as follows:
Locate the percent leaf area destroyed directly below and above the actual percent of leaf area destroyed (taken from item 19 on the appraisal worksheet). Subtract the lower number from the actual percent and divide by 5. Multiply this result by the difference between the lower and higher production lost percentages. Add this amount to the percent production lost lower number, in percent to tenths.

EXAMPLE: Stage is 18th leaf. Actual percent of leaf area destroyed is 42. 40 and 45 (percents directly below and above). 42 – 40 = 2
2 ÷ 5 = .4 19 – 15 = 4 4 x .4 = 1.6 1.6 + 15 = 16.6 16.6 % will be the percent damage for leaf destruction entered in item 20 on the appraisal worksheet.

TABLE I – Combination Test Weight/Pack Factor Table For Computing Net Bushels Of Farm Stored Production –Hybrid Sorghum Seed

Test Weight	Less Than 255 Sq. Ft. -	255 Sq. Ft. to 461 Sq. Ft. -	462 Sq. Ft. to 767 Sq. Ft. -	768 Sq. Ft. to 1384 Sq. Ft. -	1385 Sq. Ft. to 2289 Sq. Ft. -	2290 or Over Sq. Ft. -
30.0	0.588	0.596	0.607	0.615	0.615	0.615
30.5	0.597	0.605	0.616	0.624	0.624	0.624
31.0	0.606	0.614	0.626	0.634	0.634	0.634
31.5	0.615	0.624	0.635	0.643	0.643	0.643
32.0	0.624	0.633	0.644	0.653	0.653	0.653
32.5	0.633	0.642	0.653	0.662	0.662	0.662
33.0	0.642	0.651	0.662	0.671	0.671	0.671
33.5	0.651	0.660	0.671	0.680	0.680	0.680
34.0	0.659	0.668	0.681	0.690	0.690	0.690
34.5	0.668	0.677	0.690	0.699	0.699	0.699
35.0	0.677	0.686	0.699	0.708	0.708	0.708
35.5	0.686	0.695	0.708	0.717	0.717	0.717
36.0	0.694	0.704	0.717	0.726	0.726	0.726
36.5	0.703	0.713	0.726	0.736	0.736	0.736
37.0	0.712	0.722	0.735	0.745	0.745	0.745
37.5	0.720	0.730	0.744	0.754	0.754	0.754
38.0	0.729	0.739	0.753	0.763	0.763	0.763
38.5	0.737	0.748	0.761	0.772	0.772	0.772
39.0	0.746	0.756	0.770	0.781	0.781	0.781
39.5	0.754	0.765	0.779	0.790	0.790	0.790
40.0	0.763	0.774	0.788	0.826	0.844	0.869
40.5	0.771	0.782	0.797	0.834	0.852	0.877
41.0	0.780	0.791	0.805	0.842	0.860	0.885
41.5	0.788	0.799	0.814	0.850	0.868	0.893
42.0	0.797	0.808	0.823	0.858	0.876	0.901
42.5	0.805	0.816	0.831	0.866	0.884	0.909
43.0	0.813	0.825	0.840	0.874	0.892	0.917
43.5	0.821	0.833	0.849	0.882	0.900	0.925
44.0	0.830	0.842	0.857	0.890	0.908	0.933
44.5	0.838	0.850	0.866	0.898	0.916	0.941
45.0	0.846	0.858	0.874	0.906	0.924	0.949
45.5	0.854	0.867	0.883	0.914	0.932	0.957
46.0	0.863	0.875	0.891	0.922	0.940	0.965
46.5	0.871	0.883	0.900	0.930	0.948	0.973
47.0	0.879	0.891	0.908	0.938	0.956	0.981
47.5	0.887	0.900	0.916	0.946	0.964	0.989
48.0	0.895	0.908	0.925	0.954	0.972	0.997
48.5	0.903	0.916	0.933	0.962	0.980	1.005
49.0	0.911	0.924	0.942	0.970	0.988	1.013
49.5	0.919	0.932	0.950	0.978	0.996	1.021
50.0	0.927	0.940	0.958	0.986	1.004	1.029
50.5	0.935	0.948	0.966	0.995	1.013	1.039
51.0	0.943	0.956	0.974	1.003	1.021	1.047
51.5	0.950	0.964	0.983	1.013	1.030	1.057

TABLE I – Combination Test Weight/Pack Factor Table For Computing Net Bushels Of Farm Stored Production –Hybrid Sorghum Seed (Continued)

Test Weight	Less Than 255 Sq. Ft. -	255 Sq. Ft. to 461 Sq. Ft. -	462 Sq. Ft. to 767 Sq. Ft. -	768 Sq. Ft. to 1384 Sq. Ft. -	1385 Sq. Ft. to 2289 Sq. Ft. -	2290 or Over Sq. Ft. -
52.0	0.958	0.972	0.991	1.021	1.038	1.065
52.5	0.966	0.980	0.999	1.029	1.047	1.074
53.0	0.974	0.988	1.007	1.038	1.055	1.082
53.5	0.982	0.996	1.015	1.046	1.065	1.092
54.0	0.989	1.004	1.023	1.054	1.073	1.100
54.5	0.997	1.012	1.031	1.063	1.081	1.108
55.0	1.005	1.019	1.039	1.071	1.089	1.117
55.5	1.012	1.027	1.047	1.079	1.098	1.127
56.0	1.020	1.035	1.055	1.087	1.105	1.133
56.5	1.028	1.043	1.063	1.095	1.114	1.143
57.0	1.035	1.050	1.071	1.103	1.122	1.151
57.5	1.043	1.058	1.079	1.111	1.132	1.161
58.0	1.050	1.066	1.086	1.119	1.140	1.169
58.5	1.058	1.073	1.094	1.127	1.148	1.178
59.0	1.065	1.081	1.102	1.135	1.156	1.186
59.5	1.073	1.089	1.110	1.143	1.164	1.194
60.0	1.080	1.096	1.118	1.152	1.172	1.203
60.5	1.087	1.104	1.125	1.160	1.180	1.211
61.0	1.095	1.111	1.133	1.168	1.188	1.219
61.5	1.102	1.119	1.140	1.176	1.196	1.227
62.0	1.109	1.126	1.148	1.184	1.204	1.235

If the actual test weight is not shown on the chart, refer to subsection 10 B Section II, item 60b for instructions.

TABLE J – Combination Test Weight/Pack Factor Table For Computing Net Bushels Of Farm Stored Production –Hybrid Seed Corn

Test Weight	Less Than 255 Sq. Ft. -	255 Sq. Ft. to 461 Sq. Ft. -	462 Sq. Ft. to 767 Sq. Ft. -	768 Sq. Ft. to 1384 Sq. Ft. -	1385 Sq. Ft. to 2289 Sq. Ft. -	2290 or Over Sq. Ft. -
30.0	0.587	0.594	0.603	0.610	0.610	0.610
30.5	0.596	0.603	0.612	0.619	0.619	0.619
31.0	0.605	0.612	0.622	0.628	0.628	0.628
31.5	0.614	0.621	0.631	0.638	0.638	0.638
32.0	0.623	0.630	0.640	0.647	0.647	0.647
32.5	0.632	0.639	0.649	0.656	0.656	0.656
33.0	0.641	0.648	0.658	0.665	0.665	0.665
33.5	0.649	0.657	0.667	0.674	0.674	0.674
34.0	0.658	0.665	0.676	0.684	0.684	0.684
34.5	0.667	0.674	0.685	0.693	0.693	0.693
35.0	0.676	0.683	0.694	0.702	0.702	0.702
35.5	0.684	0.692	0.703	0.711	0.711	0.711
36.0	0.693	0.701	0.712	0.720	0.720	0.720
36.5	0.702	0.709	0.721	0.729	0.729	0.729
37.0	0.710	0.718	0.730	0.738	0.738	0.738
37.5	0.719	0.727	0.739	0.747	0.747	0.747
38.0	0.727	0.736	0.748	0.756	0.756	0.756
38.5	0.736	0.744	0.757	0.765	0.765	0.765
39.0	0.744	0.753	0.765	0.774	0.774	0.774
39.5	0.753	0.761	0.774	0.783	0.783	0.783
40.0	0.761	0.770	0.783	0.791	0.791	0.791
40.5	0.770	0.779	0.792	0.800	0.800	0.800
41.0	0.778	0.787	0.800	0.809	0.809	0.809
41.5	0.787	0.796	0.809	0.818	0.818	0.818
42.0	0.795	0.804	0.818	0.841	0.853	0.871
42.5	0.803	0.812	0.826	0.849	0.861	0.879
43.0	0.812	0.821	0.835	0.857	0.869	0.887
43.5	0.820	0.829	0.843	0.865	0.877	0.895
44.0	0.828	0.838	0.852	0.873	0.885	0.903
44.5	0.836	0.846	0.860	0.881	0.893	0.911
45.0	0.845	0.854	0.869	0.889	0.901	0.919
45.5	0.853	0.862	0.877	0.897	0.909	0.927
46.0	0.861	0.871	0.886	0.905	0.917	0.935
46.5	0.869	0.879	0.894	0.913	0.925	0.943
47.0	0.877	0.887	0.902	0.921	0.933	0.951
47.5	0.885	0.895	0.911	0.929	0.941	0.959
48.0	0.893	0.903	0.919	0.937	0.949	0.967
48.5	0.901	0.912	0.927	0.945	0.957	0.975
49.0	0.909	0.920	0.935	0.953	0.965	0.983
49.5	0.917	0.928	0.944	0.961	0.973	0.991

TABLE J – Combination Test Weight/Pack Factor Table For Computing Net Bushels Of Farm Stored Production –Hybrid Seed Corn (Continued)

Test Weight	Less Than 255 Sq. Ft. -	255 Sq. Ft. to 461 Sq. Ft. -	462 Sq. Ft. to 767 Sq. Ft. -	768 Sq. Ft. to 1384 Sq. Ft. -	1385 Sq. Ft. to 2289 Sq. Ft. -	2290 or Over Sq. Ft. -
50.0	0.925	0.936	0.952	0.969	0.981	0.999
50.5	0.933	0.944	0.960	0.978	0.990	1.009
51.0	0.941	0.952	0.968	0.986	0.998	1.017
51.5	0.949	0.960	0.976	0.994	1.006	1.025
52.0	0.956	0.968	0.984	1.003	1.015	1.034
52.5	0.964	0.975	0.992	1.011	1.024	1.043
53.0	0.972	0.983	1.000	1.019	1.032	1.051
53.5	0.980	0.991	1.008	1.027	1.040	1.059
54.0	0.987	0.999	1.016	1.036	1.049	1.069
54.5	0.995	1.007	1.024	1.044	1.057	1.077
55.0	1.003	1.015	1.032	1.052	1.065	1.085
55.5	1.010	1.022	1.040	1.060	1.073	1.094
56.0	1.018	1.030	1.048	1.068	1.081	1.102
56.5	1.026	1.038	1.056	1.076	1.089	1.110
57.0	1.033	1.045	1.064	1.084	1.097	1.118
57.5	1.041	1.053	1.071	1.092	1.105	1.126
58.0	1.048	1.061	1.079	1.100	1.113	1.134
58.5	1.056	1.068	1.087	1.108	1.122	1.143
59.0	1.063	1.076	1.095	1.116	1.130	1.151
59.5	1.070	1.083	1.102	1.123	1.138	1.160
60.0	1.078	1.091	1.110	1.131	1.146	1.168
60.5	1.085	1.098	1.118	1.139	1.153	1.175
61.0	1.093	1.106	1.125	1.147	1.161	1.183
61.5	1.100	1.113	1.133	1.155	1.169	1.191
62.0	1.107	1.120	1.140	1.163	1.177	1.199
62.5	1.114	1.127	1.147	1.171	1.185	1.207
63.0	1.121	1.134	1.154	1.179	1.193	1.215
63.5	1.128	1.141	1.161	1.187	1.201	1.223
64.0	1.135	1.148	1.168	1.195	1.209	1.231

Applicable only to shelled corn. If the actual test weight is not shown on the chart, refer to subsection 10 B Section II, item 60b for instructions.