

United States
Department of
Agriculture



Federal Crop
Insurance
Corporation



Product
Development
Division

FCIC-25150 (05-2005)
FCIC-25150-1 (04-2006)

FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK

**INCLUDES FORAGE PRODUCTION
AND FORAGE SEEDING**

2007 and Succeeding Crop Years

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

FEDERAL CROP INSURANCE HANDBOOK		NUMBER: 25150 (05-2005)	
		NUMBER: 25150-1 (04-2006)	
SUBJECT:		OPI: Product Development Division	
FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK 2007 AND SUCCEEDING CROP YEARS		APPROVED:	DATE:
		/s/ Tim B. Witt Deputy Administrator, Research and Development	04/17/2006

THIS HANDBOOK CONTAINS THE OFFICIAL FCIC-ISSUED LOSS ADJUSTMENT STANDARDS FOR THIS CROP FOR THE 2007 AND SUCCEEDING CROP YEARS. ALL REINSURED COMPANIES WILL UTILIZE THESE STANDARDS FOR BOTH LOSS ADJUSTMENT AND LOSS TRAINING.

SUMMARY OF CHANGES/CONTROL CHART

The following list contains significant changes to this handbook, as determined by us. It may not represent all changes made. All changes made to this handbook are applicable regardless of whether or not listed.

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

Changes for Crop Year 2007 (FCIC-25150-1) Issued April 2006

- A. Pg. 4, Sec. 3 B (4): Revised language to state “For stands with less than 55 per cent of a normal stand, refer to the instructions for Section I, Item H of the Production Worksheet contained in Section 10 E of this handbook.”
- B. Pg. 4, Sec. 3 C: Revised to comply with new prototype language regarding provisions and procedures not applicable to CAT coverage.
- C. Pg. 18, Appraisal Worksheet, Item 9: Revised entry to comply with Production Worksheet.
- D. Pg. 30, Sec.10 E: Added instructions for “Haylage Stored in Round Silos.”
- E. Pg. 31, Sec. 10 F: Revised subsection from “E” to “F.”
- F. Pg. 40, Narrative instructions: Removed item “o,” “Document field ID’s and date and method of destruction of mycotoxin infested forages if it has no market value. For further documentation instructions, refer to the LAM.” The LAM doesn’t address mycotoxin infested forages, and since forage has no quality/value adjustment, this statement isn’t needed. Re-lettered the remainder of the Narrative instructions accordingly.

FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK

SUMMARY OF CHANGES/CONTROL CHART (Continued)

- G. Pg. 46, Production Worksheet, Items 4, 5, and 6: Removed Winterkill as a cause of loss from Forage Production Worksheet.
- H. Pg. 47, Production worksheet, Item F: Revised “Practice” to 093.
- I. Pg. 48, Production worksheet, Items D, E, F, and G: Completed previously blank items.
- J. Pgs. 60-61, Section 11, **TABLE F**: Corrected previous typographical errors for 16 ft. diameter silo with a depth of 47, 48, and 49 feet, and a 28 ft. diameter silo with a depth of 91 feet.

FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK

SUMMARY OF CHANGES/CONTROL CHART (Continued)

CONTROL CHART FOR: FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK						
	SC Page(s)	TC Page(s)	Text Page(s)	Reference Material	Date	Directive Number
Remove	1-4		3-4	59-62	05-2005	FCIC-25150
			17-18		05-2005	FCIC-25150
			29-32		05-2005	FCIC-25150
			39-40		05-2005	FCIC-25150
			45-48		05-2005	FCIC-25150
					05-2005	FCIC-25150
					05-2005	FCIC-25150
Insert	1-4		3-4	59-62	04-2006	FCIC-25150-1
			17-18		04-2006	FCIC-25150-1
			29-32		04-2006	FCIC-25150-1
			39-40		04-2006	FCIC-25150-1
			45-48		04-2006	FCIC-25150-1
					04-2006	FCIC-25150-1
					04-2006	FCIC-25150-1
Current Index	1-4	1-4	1-2	49-58 59-62 63-70	04-2006	FCIC-25150-1
			3-4		05-2005	FCIC-25150
			5-16		05-2005	FCIC-25150
			17-18		04-2006	FCIC-25150-1
			19-28		05-2005	FCIC-25150
			29-32		04-2006	FCIC-25150-1
			33-38		05-2005	FCIC-25150
			39-40		04-2006	FCIC-25150-1
			41-44		05-2005	FCIC-25150
			45-48		04-2006	FCIC-25150-1
					05-2005	FCIC-25150
					04-2006	FCIC-25150-1
					05-2005	FCIC-25150
					04-2006	FCIC-25150-1

FORAGE LOSS ADJUSTMENT STANDARDS HANDBOOK
SUMMARY OF CHANGES/CONTROL CHART (Continued)

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Nurse Crop (FS) (companion crop)	A crop seeded into the same acreage as another crop, that is intended to be harvested separately, and that is planted to improve growing conditions for the crop with which it is grown.
Spring Planted (FP) (FS)	A forage crop seeded before July 1.
Windrow (FP)	Forage that is cut and placed in a row.
Year of Establishment (FP)	The period between seeding and when the forage production crop has developed an adequate stand. Insurance during the year of establishment may be available under the forage seeding policy. Insurance under this policy does not attach until after the year of establishment. The year of establishment is determined by the date of seeding. The year of establishment for spring planted forage is designated by the calendar year in which seeding occurred. The year of establishment for fall planted forage is designated by the calendar year after the year in which the crop was planted.

3. INSURANCE CONTRACT INFORMATION

The insurance provider is to determine that the insured has complied with all policy provisions of the insurance contract. Crop provisions which are to be considered in this determination include (but are not limited to):

A. FORAGE PRODUCTION INSURABILITY

- (1) The crop insured will be all the forage production in the county for which a premium rate is provided by the actuarial documents, in which the insured has a share, and:
 - (a) that is grown during one or more years after the year of establishment;
 - (b) that has an adequate stand at the beginning of the insurance period;
 - (c) that is not grown with a non-forage crop; or
 - (d) does not exceed the age limitations for the forage stands contained in the Special Provisions.
- (2) In addition to the causes of loss specifically excluded in the Basic Provisions, insurance is not provided against damage of loss of production that occurs after removal from the windrow.

B. FORAGE SEEDING INSURABILITY

- (1) The crop insured will be all the forage seeding in the county for which a premium rate is provided by the actuarial documents, in which the insured has a share, and:
 - (a) that is planted during the current crop year, or replanted during the calendar year following planting, to establish a normal stand of forage;
 - (b) that is not grown with the intent to be grazed, or not grazed at any time during the insurance period;
 - (c) that is not interplanted with another crop, except nurse crops, unless allowed by the Special Provisions or by written agreement; and
- (2) IN CALIFORNIA COUNTIES: LASSEN, MODOC, MONO, SHASTA, SISKIYOU AND ALL OTHER STATES, any acreage of the insured crop damaged before the final planting date, to the extent that such acreage has less than 75 percent of a normal stand, must be replanted unless the insurance provider agrees that it is not practical to replant; and
- (3) In all other California counties, unless otherwise specified in the Special Provisions, any acreage of the insured crop damaged anytime during the crop year to the extent that such acreage has less than 75 percent of a normal stand must be replanted unless it cannot be replanted and reach a normal stand within the insurance period.
- (4) The amount of indemnity on any spring planted acreage will be reduced 50 percent if the stand is less than 75 percent, but more than 55 percent of a normal stand. For stands with less than 55 per cent of a normal stand, refer to the instructions for Section I, Item H of the Production Worksheet, contained in Section 10 E of this handbook.

C. PROVISIONS AND PROCEDURES NOT APPLICABLE TO CAT COVERAGE

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

17. **Production in Tons:** Appraisal in Tons, to tenths, per acre. Compute the appraisal on a Special Report using the following formula:

Determined plant count per square foot divided by applicable plant population per square foot from the Special Provisions for the specific crop year, times APH approved yield, times applicable factor for the cutting from **TABLE B** for the specific area. Round only the last computation (to tenths). Refer back to FORAGE PRODUCTION appraisal methods, subsection 6 E, Stand Count Method.

EXAMPLE: (Refer to **EXHIBIT 2**, Forage Production Stand Count Appraisal Method Worksheet)

Insured crop is alfalfa. Location is west of the Continental Divide.

Determined plant count per square foot is 2.0 plants.

Plant count (second harvest year plant population) per square foot from the Special Provisions for the specific harvest year, is 6.0 plants for the second harvest year.

APH approved yield is 3.5 tons per acre.

The potential production prior to second cutting is being appraised, 0.50 from **TABLE B**. (2.0 divided by 6.0, 2nd harvest year) times 3.5 times .50 equals 0.6 tons per acre. Round only at the last computation to tenths.

18. **Adjuster's Signature, Code Number, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal in the Remarks/Narrative section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the Narrative of the Production Worksheet.
19. **Insured's Signature and Date:** Insured's (or insured's authorized representative's) signature and date. **BEFORE** obtaining insured's signature, **REVIEW ALL ENTRIES** on the appraisal worksheet **WITH THE INSURED**, particularly explaining codes, etc., which may not be readily understood.

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

COMPANY NAME: ANY COMPANY

CLAIM NUMBER: XXXXXXXX

FOR ILLUSTRATION PURPOSES ONLY			1. INSURED'S NAME					2. POLICY NUMBER			3. UNIT NUMBER		4. CROP YEAR							
APPRAISAL WORKSHEET (Forage Seeding - Forage Production)			I. M. INSURED					XXXXXXX			00100		YYYY							
			CROP TYPE CODES					5. FORAGE SEEDING			6. FORAGE PRODUCTION									
			A = ALFALFA AM = ALFALFA GRASS MIXTURES GM= GRASS MIXTURES								X Before second cutting									
7	8	9	10									11	12	13	14	15	16	17		
Field ID	Type Code	Acres To Tenths	Plant Counts Per Sample of Ounces Per Sample									Total From All Samples	Number Samples	Avg. Number Plants of Ounces Per Sample	Number Square Feet in Sample Device	Avg. Number of Plants of Ounces Per Square Foot	Factor	Production In Tons		
A	A	20.5	1	2	3	4	5	6	7	8	9	= 101	+	10	= 10.1	+	5	= 2.0	X	= 0.6
			9	10	8	11	13	9	11	9	10									
			10	11	12	13	14	15	16	17	18									
			1	2	3	4	5	6	7	8	9									
			10	11	12	13	14	15	16	17	18	=	+	=	+	=	X	=		
			1	2	3	4	5	6	7	8	9									
			10	11	12	13	14	15	16	17	18	=	+	=	+	=	X	=		
			1	2	3	4	5	6	7	8	9									
			10	11	12	13	14	15	16	17	18	=	+	=	+	=	X	=		
			1	2	3	4	5	6	7	8	9									
			10	11	12	13	14	15	16	17	18	=	+	=	+	=	X	=		
18. SIGNATURE OF ADJUSTER			CODE NUMBER					DATE		19. INSURED'S SIGNATURE					DATE					
I. M. ADJUSTER			XXXXXX					MM/DD/YYYY		I. M. INSURED					MM/DD/YYYY					

- (c) To determine tons for small square or round bales which are piled (not stacked) and the number of bales cannot be determined, use the following method:
- 1 Determine the size of the pile of bales and the average size of each bale: length times width times depth equals cubic feet.
 - 2 Determine the average weight per bale, then divide the average weight per bale by the average number of cubic feet per bale to equal the number of pounds per cubic ft.
 - 3 Divide 2,000 pounds by the pounds per cubic foot to equal the number of cubic feet per ton.
 - 4 Divide the number of cubic feet in the pile by the number of cubic feet per ton to equal the number of tons in the pile.

EXAMPLE:

Pile is 30.0 ft. x 20.0 ft. x 10.0 ft. = 6,000 cu. ft.

Average bale is 1.5ft. x 1.2 ft. x 2.5 ft. = 4.5 cu. ft. @ 47 lbs. per bale

47 lbs. ÷ 4.5 cu. ft.= 10.4 lbs. per cu. ft.

2000 lbs. per ton ÷ 10.4 lbs. per cu. ft. = 192 cu. ft. per ton (round to whole cubic feet)

6000 cu. ft. ÷ 192 cu. ft. per ton = 31.3 tons

- (5) **Stack Wagons** (chopped hay):

Multiply length times width times depth, then divide by the appropriate cubic feet per ton shown in item 4a or 4b **in section 11, TABLE G**, to arrive at the number of tons.

D. HAYLAGE IN STORAGE OTHER THAN ROUND SILOS

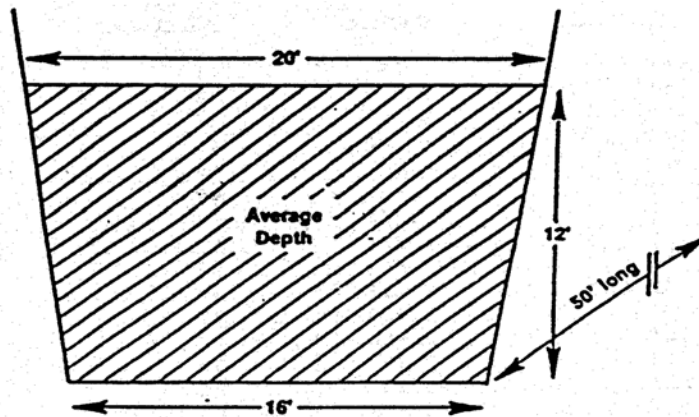
- (1) Haylage in trench silo calculations:

FORMULA:

(Average Width (**W**) x Length (**L**) x Depth of silage (**D**) = cu. ft.) ÷ 50 = wet tons.

Convert to dry tons by multiplying the wet tons by .35 (DM Factor with 65 percent moisture silage) = 100 percent DM.

Multiply 100% DM. tons times 1.15 (87 percent moisture factor) = Tons @ 87 percent DM.



EXAMPLE:

$$(20 \text{ ft.} + 16 \text{ ft.}) \div 2 = 18 \text{ ft. Avg. Width}$$

$$(18 \text{ ft. (W)} \times 50 \text{ ft. (L)} \times 12 \text{ ft. (D)}) = 10,800 \text{ cu. ft.}$$

$$10,800 \text{ cu. ft.} \div 50 = 216.0 \text{ wet tons.}$$

$$216 \text{ wet tons} \times .35 = 75.6 \text{ 100 percent DM.}$$

75.6 x 1.15 (87 percent moisture factor) = 86.9 tons of 13 percent moisture dry hay equivalent.

(2) Horizontal Plastic Tubes (60-70 percent Moisture):

8 Ft. Diameter = 885 pounds of 13 percent moisture haylage per linear foot.

9 Ft. Diameter = 1045 pounds of 13 percent moisture haylage per linear foot.

10 Ft. Diameter = 1205 pounds of 13 percent moisture haylage per linear foot.

FORMULA: (Length (L) x pounds per linear foot) ÷ 2000 lbs. per ton = tons.

EXAMPLE:

$$50 \text{ ft. (L)} \times 885 \text{ lbs. per ft. (8' diameter)} = 44,250 \text{ lbs.}$$

$$44,250 \text{ lbs.} \div 2,000 \text{ lbs. per ton} = 22.1 \text{ tons at 13 percent moisture.}$$

E. HAYLAGE STORED IN ROUND SILOS

(1) Apply the silo diameter and depth of harvested production as shown in section 11, **TABLE F** to determine the tons of 100 percent dry matter.

(2) Multiply the result of (1) above by 1.15 to convert the dry matter to 13 percent moisture equivalent.

F. FORM ENTRIES AND COMPLETION INFORMATION

Verify or make the following entries:

**Item
No.**

Information Required

1. **Crop/Code #:** “Forage Production” (0033)
“Forage Seeding” (0032)
2. **Unit #:** Five-digit unit number from the Summary of Coverage after it is verified to be correct. (e.g., 00100)
3. **Legal Description:** Section, township, and range numbers or other legal description that identifies the location of the unit.
4. **Date of Damage:** First three letters of the month during which MOST of the insured damage (including progressive damage) occurred for each inspection. Include the SPECIFIC DATE where applicable as in the case of hail damage (e.g., AUG 11).
5. **Cause of Damage:** Name of insured cause(s) of loss for this crop as listed in the LAM. If it is evident that no indemnity is due, enter “NONE.” If an insured cause of loss is coded as “Other,” explain in the Narrative. Refer to the Basic Provisions and the applicable crop provisions for information pertaining to insured and uninsured causes of loss.
6. **Primary Cause %:**

PRELIMINARY: MAKE NO ENTRY.

REPLANT AND FINAL: Percent of damage for the cause of damage listed in item 5 above that is determined to be the primary cause of damage, to the nearest whole percent. The primary cause of damage must exceed 50 percent (e.g., 51%). Enter an “X” in the major secondary cause of damage.
7. **Company/Agency:** Name of company and agency servicing the contract.
8. **Name of Insured:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
9. **Claim #:** Claim number as assigned by the insurance provider.
10. **Policy #:** Insured’s assigned policy number.
11. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim has been filed.

12. **Additional Units:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

FINAL: Unit number(s) for ALL non-loss units for the crop at the time of final inspection. A non-loss unit is any unit for which a Production Worksheet has not been completed. Additional non-loss units may be entered on a single Production Worksheet.

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

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

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

FINAL:

Forage Seeding - Estimated average plant population per square foot for each **non-loss unit** for the **crop** at the time of final inspection.

Forage Production - Estimated yield per acre, in tons to tenths, of all non-loss units for the crop at the time of final inspection.

14. **Date(s) Notice of Loss:**

PRELIMINARY:

- a. Date the notice of damage was given for the unit in item 2.
- b. A third preliminary inspection (if needed) requires an additional set of Production Worksheets. Enter the date of notice for a third preliminary inspection in the 1st space of item 14 on the second set.
- c. Reserve the “Final” space on the first page of the first set of Production Worksheets for the date of notice for the final inspection.
- d. If the inspection is initiated by the insurance provider, enter “Company Insp.” instead of the date.

REPLANT AND FINAL: Transfer the last date in the 1st or 2nd space to the FINAL space if a final inspection should be made as a result of the notice. Always enter the complete date of notice (month, day, year) for the FINAL inspection in the FINAL space on the first page of the first set of Production Worksheets. For a delayed notice of loss or delayed claim, refer to the LAM.

Q. **Total:**

Forage Production: Column “C₂” (**reported** acres; “C” if acreage is not under-reported) times Column “P,” in tons to tenths.

Forage Seeding: Column “C₂” (**reported** acres; “C” if acreage is not under-reported) times Column “P,” in whole to dollars.

16. **Total Acres:**

PRELIMINARY: MAKE NO ENTRY.

REPLANT AND FINAL: Total Actual Acres [Column “C” (or “C₁” if there are under-reported acres)], to tenths.

FOR ITEM 17, WHEN SEPARATE LINE ENTRIES ARE MADE FOR VARYING SHARES, STAGES, APH YIELDS, PRICE ELECTIONS, TYPES, ETC., WITHIN THE UNIT, AND TOTALS NEED TO BE KEPT SEPARATE FOR CALCULATING INDEMNITIES, MAKE NO ENTRY AND FOLLOW THE INSURANCE PROVIDER’S INSTRUCTIONS; OTHERWISE, MAKE THE FOLLOWING ENTRIES.

17. **Totals:**

PRELIMINARY: MAKE NO ENTRY.

REPLANT AND FINAL: Totals of Column “O” and Column “Q.”

NARRATIVE:

If more space is needed, document on a Special Report, and enter “See Special Report.” Attach the Special Report to the Production Worksheet.

- a. If no acreage is released on the unit, enter “No acreage released,” adjuster’s initials, and date.
- b. If notice of damage was given and “No Inspection” is necessary, enter the unit number(s), “No Inspection,” date, and adjuster’s initials. The insured's signature is not required.
- c. Explain any uninsured causes, unusual, or controversial cases.
- d. If there is an appraisal in Section I, item M for uninsured causes due to a hail/fire exclusion, show the original hail/fire liability per acre and the hail/fire indemnity per acre.
- e. Document the actual appraisal date if an appraisal was performed prior to the adjuster’s signature date on the appraisal worksheet, and the date of the appraisal is not recorded on the appraisal worksheet.

- f. State that there is “No other fire insurance” when fire damages or destroys the insured forage crop and it is determined that the insured has no other fire insurance. Refer to the LAM.
- g. Explain any errors found on the Summary of Coverage.
- h. Explain any commingled production. Refer to the LAM.
- i. Explain any entry for “Production Not to Count” in Section II, item “O” and/or any production not included in Section II, item I or item B - E entries (e.g., harvested production from uninsured acreage that can be identified separately from the insured acreage in the unit).
- j. Explain a “NO” checked in item 19.
- k. Attach a sketch map or aerial photograph to identify the total unit:
 - (1) **Fall Planted Forage Seeding only:** Consent is or has been given to put part of the unit to another use or to replant;
 - (2) **Fall Planted Forage Seeding only:** If acreage has been replanted to a practice uninsurable as an original practice;
 - (3) If uninsured causes are present; or
 - (4) For unusual or controversial cases.

Indicate on the aerial photo or sketch map, the disposition of acreage destroyed or put to other use with or without consent.

- l. Explain any difference between date of inspection and signature dates. For an ABSENTEE insured, enter the date of the inspection AND the date of mailing the Production Worksheet for signature.
- m. When any other adjuster or supervisor accompanied the adjuster on the inspection, enter the code number of the other adjuster or supervisor and date of inspection.
- n. Explain the reason for a “No Indemnity Due” claim. “No Indemnity Due” claims are to be distributed in accordance with the insurance provider’s instructions.

*** o. Explain any delayed notices or delayed claims as instructed in the LAM.

p. Document any authorized estimated acres shown in Section I item C as follows: “Line 3 ‘E’ acres authorized by insurance provider MM/DD/YYYY.”

q. Document the method and calculation used to determine acres for the unit. Refer to the LAM.

- r. **Forage Seeding:** Document the appraisal (plus appraisal for uninsured causes of loss, if applicable) for replanted acreage, and the calculations to show that the qualification for a replanting payment has been met. Refer to section 4.
- s. **Forage Seeding:** If any acreage to be replanted in the unit does not qualify for a replanting payment, enter Field No., “NOT QUAL FOR RP PAYMENT,” date of inspection, adjuster’s initials, and reason not qualified.
- t. Specify the type of insects or disease when the insured cause of damage or loss is listed as insects or disease. Explain why control measures did not work.
- u. Document the name and address of the charitable organization when gleaned acreage is applicable. Refer to the LAM for more information on gleaning.
- v. Document any other pertinent information, including any data to support any factors used to calculate the production.

SECTION II - HARVESTED PRODUCTION

GENERAL INFORMATION:

Forage Seeding: MAKE NO HARVESTED PRODUCTION ENTRIES IN COLUMNS “A₁” THROUGH “S”.

Forage Production:

- (1) There generally will be **no** harvested production entries in **items “A₁” through “S”** for preliminary inspections.
- (2) Record the net tons of production in all cases. When applicable weight records are not available, compute the net tonnage. Refer to **section 10, subparagraphs B, C, D, and E** for production computation formulas, factors, and instructions.
- (3) Do not make moisture adjustments for loose stacked hay, dry chopped hay, baled hay, pellets, and alfalfa meal.
- (4) 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. Count the production from all cuttings, on a line basis for different types of storage.
- (5) Columns “B” through “E” are for structure measurements entries (Rectangular, Round, Square, etc.). If structures are a combination of shapes, break into a series of average measurements, if possible. Enter “Odd Shape” or “Conical Pile” if production is stored in an odd shaped structure or conical pile. Document measurements on a Special Report or other worksheet used for this purpose.

- (6) If farm-stored production has been weighed prior to storage and acceptable weight tickets are available showing gross weights, enter “Weighed and Stored On Farm” in columns “B” through “E.” Refer to the LAM for acceptable weight tickets.
- (a) Records must be maintained on a unit/type basis.
 - (b) Dates of cutting/harvesting of forage, number of bales harvested, contemporaneous weight of bales from each cutting/harvest (weight must be based on average of at least 2 bales per/cutting/type/unit weighted, dated and signed by a disinterested third party.
 - (c) If contemporaneous records will not be maintained or the production is not measured after being placed in a storage structure, the insured may request an appraisal or inspection/measurement service from the insurance provider or other disinterested third party (at the insured’s cost), such as FSA, prior to harvest or if all production for each cutting/harvest is still available for verification.
- (7) For production sold, make entries in items “B” through “E” as follows:
- (a) Name and address of buyer.
 - (b) Production reports must be substantiated by marketing records from a marketing outlet, processor, or buyer, such as, settlement sheets, certified weight tags, broker sales summaries or load receipts. These records must indicate buyer’s name, net tons of forage produced, type, producer’s name and delivery date.
- (8) For production fed, make entries in items “B” through “E” as follows:
- Fed records must specify the number of head, type of livestock (cattle, horses, sheep, etc., with weight estimated to the nearest 100 pounds for each type) and number of days fed.
- Feeding records must be documented through a formal record system (e.g., RMA’s Guidelines for a Production Record Management System) and generated during the time period production was fed to be considered acceptable and contain the following elements:
- (1) Date forage fed.
 - (2) Amount fed on that date.
 - (3) Number of livestock fed on that date.
 - (4) Type and weight of livestock fed on that date.
 - (5) Type and/or unit should be notated.
- (9) If acceptable sales or weight tickets are not available, refer to the LAM.
- (10) If additional lines are necessary, the data may be entered on a continuation sheet.

FOR ITEMS 22 - 24. WHEN SEPARATE LINE ENTRIES ARE MADE FOR VARYING SHARES, STAGES, APH YIELDS, PRICE ELECTIONS, TYPES, ETC., WITHIN THE UNIT, AND TOTALS NEED TO BE KEPT SEPARATE FOR CALCULATING INDEMNITIES, MAKE NO ENTRY AND FOLLOW THE INSURANCE PROVIDER'S INSTRUCTIONS; OTHERWISE, MAKE THE FOLLOWING ENTRIES.

22. **Section II Total:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

FINAL: Total of Column "S," to tenths.

23. **Section I Total:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

FINAL: Enter figure from Section I, Column "O" total.

24. **Unit Total:**

PRELIMINARY AND REPLANT: MAKE NO ENTRY.

FINAL: Total of 22 and 23, to tenths.

25. **Adjuster's Signature, Code #, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. For an absentee insured, enter adjuster's code number **ONLY**. The signature and date will be entered **AFTER** the absentee has signed and returned the Production Worksheet.

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

26. **Insured's Signature and Date:** Insured's (or insured's authorized representative's) signature and date. **BEFORE** obtaining insured's signature, **REVIEW ALL ENTRIES** on the Production Worksheet **WITH THE INSURED**, particularly explaining codes, etc., that may not be readily understood.

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

27. **Page:**

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

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

PRODUCTION WORKSHEET

(FOR ILLUSTRATION PURPOSES ONLY)

1 Crop/Code# Forage Prod 0033	2 Unit # 00100	3 Legal Description SW321-32N-16e
4 Date of Damage	JUL	***
5 Cause of Damage	Drought	***
6 Primary Cause %	100	***
12 Additional Units	00200	
13 Est. Prod Per Acre	3.0	

7 Company ANY COMPANY
Agency ANY AGENCY

8 Name of Insured I. M. Insured			
9 Claim Number XXXXXXXX		11 Crop Year YYYY	
10 Policy Number XXXXXXXX			
14 Date(s) Notice of Loss	1 st 1-11-YYYY	2 nd	Final 7-30-YYYY
15 Companion Policy(s)			

SECTION I – ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

ACTUARIAL										POTENTIAL YIELD					STAGE GUARANTEE	
A	B	C	D	E	F	G	H	I	J	K ₁ K ₂	L	M	N	O	P	Q
Field ID	Prelim Acres	Final Acres	Interest or Share	Risk	Practice	Type Class	Stage	Intended or Final Use	Appraised Potential	Moisture % Factor	Shell and/or Quality Factor	Uninsured Cause	Adjusted Potential	Total to Count (C x N)	Per Acre	Total (C x P)
A	E20.0	20.5	1.000	A01	002	551	UH	PASTURED	0.6				0.6	12.3	2.8	57.4
	E25.0	25.0	1.000	A01	002	551	UH	Plowed	0.5				0.5	12.5	2.8	70.0
C		30.0	1.000	A01	002	551	H	H							2.8	84.0
D		40.0	1.000	A01	002	551	P	WOC				2.8	2.8	112.0	2.8	112.0
E		89.5	1.000	A01	002	551	H	H							2.8	250.6
M/D																
16 TOTAL		205.0											17 TOTALS	136.8		574.0

NARRATIVE (If more space is needed, attach a Special Report) Field D plowed without consent. Acreage determined from permanent FSA measurements. Field A and B were wheel measured. Production not to count from uninsurable acreage.

18 Date Harvest Completed MM/DD/YYYY										19 Is damage similar to other farms in the area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					20 Assignment of Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			21 Transfer of Right To Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
MEASUREMENTS					GROSS PRODUCTION					ADJUSTMENTS TO HARVESTED PRODUCTION										
A ₁ A ₂	B	C	D	E	F	G	H	I	J	K ₁ K ₂	L ₁ L ₂	M ₁ M ₂	N	O	P	Q ₁ Q ₂	R	S		
Share Field ID	Length of Diameter	Width	Depth	Deduction	Net Cubic Feet	Conversion Factor	Gross Prod. (F x G)	Bu. (on Lbs. Cwt.)	Shell/Sugar Factor	FM% Factor	Moisture% Factor	Test Wt. Factor	Adjusted Production HorIxJxK ₂ xL ₂ xM ₂	Prod. Not To Count	Production (N - O)	Value Mkt. Price	Quality Factor (Q ₁ ÷ Q ₂)	Production To Count (P X R)		
	100 LARGE ROUND BALES							75.0					75.0		75.0			75.0		
	300 SMALL BALES							9.0					9.0	0.6	8.4			8.4		
	HAYLAGE							49.6					49.6		49.6			49.6		
I certify the information provided above, to the best of my knowledge, to be true and complete and that it will be used to determine my loss, if any, to my insured crops. I understand that this Production Worksheet and supporting papers are subject to audit and approval by the company. I understand that this crop insurance is subsidized and reinsured by the Federal Crop Insurance Corporation, an agency of the United States. I understand that any false or inaccurate information may result in the sanctions outlined in my policy and administrative, civil, and criminal sanctions under 18 U.S.C. § 1006 and 1014, 7 U.S.C. § 1506, 31 U.S.C. §§ 3729 and other federal statutes															22 Section II Total		133.0			
															23 Section I Total		136.8			
															24 Unit Total		269.8			
25 Adjuster's Signature and Code Number								Date		26 Insured's Signature						Date				
1 st Inspection				I. M. Adjuster xxxxx				MM/DD/YYYY		1 st Inspection			I. M. Insured			MM/DD/YYYY				
2 nd Inspection										2 nd Inspection										
Final Inspection				I. M. Adjuster xxxxx				MM/DD/YYYY		Final Inspection			I. M. Insured			MM/DD/YYYY				
27 Page <u>1</u> of <u>1</u>																				

PRODUCTION WORKSHEET
(ILLUSTRATION PURPOSES ONLY)

1 Crop/Code# Forage Seeding 0032	2 Unit # 00100	3 Legal Description SW321-32N-16e	
4 Date of Damage	JAN	JUL	
5 Cause of Damage	Winterkill	drought	
6 Primary Cause %	X	70	
12 Additional Units	00200		
13 Est. Prod Per Acre	13		

7 Company ANY COMPANY
Agency ANY AGENCY

8 Name of Insured I. M. Insured			
9 Claim Number XXXXXXXXXX		11 Crop Year YYYY	
10 Policy Number XXXXXXXXXX			
14 Date(s) Notice of Loss	1 st MM/DD/YY	2 nd	Final MM/DD/YY
15 Companion Policy(s)			

SECTION I – ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

ACTUARIAL									POTENTIAL YIELD						STAGE GUARANTEE	
A	B	C	D	E	F	G	H	I	J	K ₁ K ₂	L	M	N	O	P	Q
Field ID	Prelim Acres	Final Acres	Interest or Share	Risk	Practice	Type Class	Stage	Intended or Final Use	Appraised Potential	Moisture % Factor	Shell and/or Quality Factor	Uninsured Cause	Adjusted Potential	Total to Count (C x N)	Per Acre	Total (C x P)
	E20.0	20.5	1.000	D01	093	997	P	PASTURED	7.0			\$104	\$104	\$2,132	\$104	\$2,132
	E25.0	25.0	1.000	D01	093	997	S	Plowed	2.8			\$104	\$52	\$1,300	\$104	\$2,600
C		30.0	1.000	D01	093	997	UH	UH	3.0			0	0	0	\$104	\$3,120
D M/D		10.0	1.000	D01	093	997	P	WOC				\$104	\$104	\$1,040	\$104	\$1,040
16 TOTAL		85.5											17 TOTALS		\$4,472	\$8,892

NARRATIVE (If more space is needed, attach a Special Report) Field D plowed without consent. Acreage determined from permanent FSA measurements. Field A and B were wheel measured.

SECTION II – HARVESTED PRODUCTION																			
18 Date Harvest Completed MM/DD/YYYY						19 Is damage similar to other farms in the area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				20 Assignment of Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				21 Transfer of Right To Indemnity? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
MEASUREMENTS					GROSS PRODUCTION					ADJUSTMENTS TO HARVESTED PRODUCTION									
A ₁ A ₂	B	C	D	E	F	G	H	I	J	K ₁ K ₂	L ₁ L ₂	M ₁ M ₂	N	O	P	Q ₁ Q ₂	R	S	
Share Field ID	Length of Diameter	Width	Depth	Deduction	Net Cubic Feet	Conversion Factor	Gross Prod. (F x G)	Bu. Ton Lbs. Cwt.	Shell/Sugar Factor	FM% Factor	Moisture% Factor	Test Wt. Factor	Adjusted Production HorIxJxK ₂ xL ₂ xM ₂	Prod. Not To Count	Production (N – O)	Value Mkt. Price	Quality Factor (Q ₁ ÷ Q ₂)	Production To Count (P X R)	
I certify the information provided above, to the best of my knowledge, to be true and complete and that it will be used to determine my loss, if any, to my insured crops. I understand that this Production Worksheet and supporting papers are subject to audit and approval by the company. I understand that this crop insurance is subsidized and reinsured by the Federal Crop Insurance Corporation, an agency of the United States. I understand that any false or inaccurate information may result in the sanctions outlined in my policy and administrative, civil, and criminal sanctions under 18 U.S.C. §§ 1006 and 1014, 7 U.S.C. § 1506, 31 U.S.C. §§ 3729 and other federal statutes																22 Section II Total			
																23 Section I Total		\$4,472	
																24 Unit Total		\$4,472	
25 Adjuster's Signature and Code Number									Date			26 Insured's Signature						Date	
1 st Inspection				I. M. Adjuster xxxxx					MM/DD/YYYY			1 st Inspection			I. M. Insured			MM/DD/YYYY	
2 nd Inspection												2 nd Inspection							
Final Inspection				I. M. Adjuster xxxxx					MM/DD/YYYY			Final Inspection			I. M. Insured			MM/DD/YYYY	
27 Page 1 of 1																			

PRODUCTION WORKSHEET

(FOR ILLUSTRATION PURPOSES ONLY)

1 Crop/Code # Forage Seeding 0032	2 Unit # 00100	3 Legal Description SW1-96N-30W															
4 Date of Damage	JUN 10																
5 Cause of Damage	HAIL																
6 Primary Cause %	100																
12 Additional Units	00200																
13 Est. Prod Per Acre	40																

7 Company Any Company
Agency Any Agency

8 Name of Insured I.M. Insured			
9 Claim # XXXXXXXX		11 Crop Year YYYY	
10 Policy # XXXXXXXX			
14 Date(s) Notice of Loss	1st MM/DD/YYYY	2nd	Final MM/DD/YYYY
15 Companion Policy(s)			

SECTION 1 - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

ACTUARIAL									POTENTIAL YIELD						STAGE GUARANTEE	
A	B	C	D	E	F	G	H	I	J	K 1 K 2	L	M	N	O	P	Q
Field ID	Prelim Acres	Final Acres	Interest or Share	Risk	Practice	Type Class	Stage	Intended or Final Use	Appraised Potential	Moisture % Factor	Shell and/or Quality Factor	Uninsured Cause	Adjusted Potential	Total To Count (C x N)	Per Acre	Total (C x P)
A	20.0	20.5	1.000	A01	002	997	R	Replanted	"REPLANT PAYMENT"				\$52	\$1,066	\$104	\$2,132
		65.0	1.000	A01	002	997	NR	Not Replanted							\$104	\$6,760
16 TOTAL		85.5												17 TOTALS	\$1,066	\$8,892

NARRATIVE (If more space is needed, attach a Special Report) **EXAMPLE 1** - Total acreage from FSA permanent field measurement. Field A wheel measured. See attached Special Report for measurements and calculations.
Appraisal determines 78% of normal stand on 65 acres---Does not qualify for replanting payment
Appraisal determines 56% of normal stand on 20.5 acres---Qualifies for replanting payment

SECTION 1 - ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

ACTUARIAL									POTENTIAL YIELD						STAGE GUARANTEE	
A	B	C	D	E	F	G	H	I	J	K 1 K 2	L	M	N	O	P	Q
Field ID	Prelim Acres	Final Acres	Interest or Share	Risk	Practice	Type Class	Stage	Intended or Final Use	Appraised Potential	Moisture % Factor	Shell and/or Quality Factor	Uninsured Cause	Adjusted Potential	Total To Count (C x N)	Per Acre	Total (C x P)
A	20.0	20.5	.500	A01	002	997	R	Replanted	"REPLANT PAYMENT"				\$26	\$533	\$104	\$2,132
		65.0	.500	A01	002	997	NR	Not Replanted							\$104	\$6,760
16 TOTAL		85.5												17 TOTALS	\$533	\$8,892

NARRATIVE (If more space is needed, attach a Special Report) **EXAMPLE 2** - Total acreage from FSA permanent field measurement. Field A wheel measured. See attached Special Report for measurements and calculations.
Appraisal determines 78% of normal stand on 65 acres---Does not qualify for replanting payment
Appraisal determines 56% of normal stand on 20.5 acres---Qualifies for replanting payment.

TABLE F - TONS OF DRY MATTER CAPACITY - ROUND SILOS

Settled Haylage Formula is Considered Factored to 100 Percent Dry Matter (DM).

Depth (feet)	Diameter of Silo (feet)										
	12	14	16	18	20	22	24	25	26	28	30
2	0.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0
3	0.5	1.5	1.5	2.0	2.0	2.5	3.5	3.5	4.0	4.0	5.0
4	1.0	2.0	2.0	3.0	3.0	4.0	5.0	5.0	6.0	6.0	7.0
5	1.5	2.5	3.0	4.0	4.5	5.5	7.0	7.0	8.0	9.0	10.0
6	2.0	3.0	4.0	5.0	6.0	7.0	9.0	9.0	10.0	12.0	13.0
7	2.5	3.5	5.0	6.0	7.5	9.0	11.0	11.5	12.5	14.5	16.5
8	3.0	4.0	6.0	7.0	9.0	11.0	13.0	14.0	15.0	17.0	20.0
9	3.5	5.0	7.0	8.5	10.5	13.0	15.5	16.5	18.0	20.5	24.0
10	4.0	6.0	8.0	10.0	12.0	15.0	18.0	19.0	21.0	24.0	28.0
11	5.0	7.0	9.0	11.5	14.0	17.0	20.5	22.0	24.0	27.5	32.0
12	6.0	8.0	10.0	13.0	16.0	19.0	23.0	25.0	27.0	31.0	36.0
13	6.5	9.0	11.5	14.5	18.0	21.5	26.0	28.0	30.5	35.0	40.5
14	7.0	10.0	13.0	16.0	20.0	24.0	29.0	31.0	34.0	39.0	45.0
15	8.0	11.0	14.0	17.5	22.0	26.5	32.0	34.5	37.5	43.0	49.5
16	9.0	12.0	15.0	19.0	24.0	29.0	35.0	38.0	41.0	47.0	54.0
17	9.5	13.0	16.5	21.0	26.0	31.5	38.0	41.0	44.5	51.5	59.0
18	10.0	14.0	18.0	23.0	28.0	34.0	41.0	44.0	48.0	56.0	64.0
19	11.0	15.0	19.5	25.0	30.5	37.0	44.5	48.0	52.0	60.5	69.0
20	12.0	16.0	21.0	27.0	33.0	40.0	48.0	52.0	56.0	65.0	74.0
21	13.0	17.5	22.5	29.0	35.5	43.0	51.5	55.5	60.0	69.5	79.5
22	14.0	19.0	24.0	31.0	38.0	46.0	55.0	59.0	64.0	74.0	85.0
23	14.5	20.0	25.5	33.0	40.5	49.0	58.5	63.0	68.5	79.0	91.0
24	15.0	21.0	27.0	35.0	43.0	52.0	62.0	67.0	73.0	84.0	97.0
25	16.0	22.5	29.0	37.0	45.5	55.0	65.5	71.0	77.0	89.0	102.0
26	17.0	24.0	31.0	39.0	48.0	58.0	69.0	75.0	81.0	94.0	108.0
27	18.0	25.0	32.5	41.0	51.0	61.5	73.0	79.5	85.5	99.5	114.0
28	19.0	26.0	34.0	43.0	54.0	65.0	77.0	84.0	90.0	105.0	120.0
29	20.0	27.5	36.0	45.5	56.5	68.0	81.0	88.0	95.0	110.5	126.5
30	21.0	29.0	38.0	48.0	59.0	71.0	85.0	92.0	100.0	116.0	133.0
31	22.0	30.5	39.5	50.0	62.0	74.5	89.0	96.5	104.5	121.5	139.5
32	23.0	32.0	41.0	52.0	65.0	78.0	93.0	101.0	109.0	127.0	146.0
33	24.0	33.5	43.0	54.5	68.0	81.5	97.5	105.5	114.0	132.5	152.5
34	25.0	35.0	45.0	57.0	71.0	85.0	102.0	110.0	119.0	138.0	159.0
	Tons of Dry Matter (DM)										

TABLE F - TONS OF DRY MATTER CAPACITY - ROUND SILOS (Cont)

Depth (feet)	Diameter of Silo (feet)										
	12	14	16	18	20	22	24	25	26	28	30
35	26.5	36.5	47.0	59.5	74.0	89.0	106.0	115.0	124.5	144.0	165.5
36	28.0	38.0	49.0	62.0	77.0	93.0	110.0	120.0	130.0	150.0	172.0
37	29.0	39.5	51.0	64.5	80.0	96.5	114.5	124.5	135.0	156.0	179.0
38	30.0	41.0	53.0	67.0	83.0	100.0	119.0	129.0	140.0	162.0	186.0
39	31.0	42.5	55.0	69.5	86.0	104.0	123.5	134.0	145.5	168.5	193.0
40	32.0	44.0	57.0	72.0	89.0	108.0	128.0	139.0	151.0	175.0	200.0
41	33.0	45.5	59.0	74.5	92.5	112.0	133.0	144.0	156.0	181.0	207.5
42	34.0	47.0	61.0	77.0	96.0	116.0	138.0	149.0	161.0	187.0	215.0
43	35.5	48.5	63.0	80.0	99.0	120.0	142.5	154.5	167.0	193.5	222.5
44	37.0	50.0	65.0	83.0	102.0	124.0	147.0	160.0	173.0	200.0	230.0
45	38.0	51.5	67.5	85.5	105.5	128.0	152.0	165.0	178.5	206.5	237.5
46	39.0	53.0	70.0	88.0	109.0	132.0	157.0	170.0	184.0	213.0	245.0
47	40.5	55.0	72.0	91.0	112.5	136.0	162.0	175.5	189.5	220.0	252.5
48	42.0	57.0	74.0	94.0	116.0	140.0	167.0	181.0	195.0	227.0	260.0
49	43.0	58.5	76.0	96.5	119.5	144.0	172.0	186.5	201.0	233.5	268.0
50	44.0	60.0	78.0	99.0	123.0	148.0	177.0	192.0	207.0	240.0	276.0
51	45.0	61.5	80.0	101.5	125.5	151.5	181.0	196.5	212.0	246.0	282.5
52	46.0	63.0	82.0	104.0	128.0	155.0	185.0	201.0	217.0	252.0	289.0
53	47.0	64.5	84.0	106.5	131.0	159.0	189.5	205.5	222.0	257.5	295.5
54	48.0	66.0	86.0	109.0	134.0	163.0	194.0	210.0	227.0	263.0	302.0
55	49.0	67.5	88.0	111.5	137.0	166.5	198.0	214.5	232.0	269.0	309.0
56	50.0	69.0	90.0	114.0	140.0	170.0	202.0	219.0	237.0	275.0	316.0
57	51.5	70.5	92.0	116.0	143.0	173.5	206.0	223.5	242.0	280.5	322.5
58	53.0	72.0	94.0	118.0	146.0	177.0	210.0	228.0	247.0	286.0	329.0
59	54.0	73.5	95.5	120.5	149.0	180.5	214.5	233.0	252.0	292.0	335.5
60	55.0	75.0	97.0	123.0	152.0	184.0	219.0	238.0	257.0	298.0	342.0
61	0.0	76.0	99.0	125.5	155.0	187.5	223.0	242.5	262.0	304.0	348.5
62		77.0	101.0	128.0	158.0	191.0	227.0	247.0	267.0	310.0	355.0
63	0.0	78.5	103.0	130.5	161.0	194.5	231.5	251.5	272.0	315.5	362.0
64		80.0	105.0	133.0	164.0	198.0	236.0	256.0	277.0	321.0	369.0
65	0.0	81.5	107.0	135.0	167.0	201.5	240.0	260.5	282.0	327.0	375.5
66		83.0	109.0	137.0	170.0	205.0	244.0	265.0	287.0	333.0	382.0
67	0.0	84.5	110.5	139.5	173.0	208.5	248.5	269.5	292.0	338.5	388.5
68		86.0	112.0	142.0	176.0	212.0	253.0	274.0	297.0	344.0	395.0
69	0.0	87.5	114.0	144.5	179.0	216.0	257.0	279.0	302.0	350.0	401.5
	Tons of Dry Matter (DM)										

TABLE F - TONS OF DRY MATTER CAPACITY - ROUND SILOS (Cont)

Depth (feet)	Diameter of Silo (feet)										
	12	14	16	18	20	22	24	25	26	28	30
70		89.0	116.0	147.0	182.0	220.0	261.0	284.0	307.0	356.0	408.0
71	0.0	0.0	0.0	149.5	184.5	223.5	265.5	288.5	312.0	361.5	415.0
72				152.0	187.0	227.0	270.0	293.0	317.0	367.0	422.0
73	0.0	0.0	0.0	154.5	190.0	230.5	274.0	297.5	322.0	373.0	428.5
74				157.0	193.0	234.0	278.0	302.0	327.0	379.0	435.0
75	0.0	0.0	0.0	159.0	196.0	237.5	282.5	306.5	332.0	384.5	441.5
76				161.0	199.0	241.0	287.0	311.0	337.0	390.0	448.0
77	0.0	0.0	0.0	163.5	202.0	244.5	291.0	315.5	342.0	396.0	454.5
78				166.0	205.0	248.0	295.0	320.0	347.0	402.0	461.0
79	0.0	0.0	0.0	168.5	208.0	251.5	299.5	325.0	352.0	407.5	468.0
80				171.0	211.0	255.0	304.0	330.0	357.0	413.0	475.0
81	0.0	0.0	0.0	0.0	0.0	258.5	308.0	334.5	361.5	419.0	481.5
82						262.0	312.0	339.0	366.0	425.0	488.0
83	0.0	0.0	0.0	0.0	0.0	266.0	316.5	343.5	371.0	431.0	494.5
84						270.0	321.0	348.0	376.0	437.0	501.0
85	0.0	0.0	0.0	0.0	0.0	273.5	325.0	352.5	381.0	442.5	507.5
86						277.0	329.0	357.0	386.0	448.0	514.0
87	0.0	0.0	0.0	0.0	0.0	280.5	333.5	361.5	391.0	454.0	521.0
88						284.0	338.0	366.0	396.0	460.0	528.0
89	0.0	0.0	0.0	0.0	0.0	287.5	342.0	371.0	401.0	465.5	534.5
90						291.0	346.0	376.0	406.0	471.0	541.0
91	0.0	0.0	0.0	0.0	0.0	294.5	350.5	380.5	411.0	477.5	547.5
92						298.0	355.0	385.0	416.0	483.0	554.0
93	0.0	0.0	0.0	0.0	0.0	301.5	359.0	389.5	421.0	488.5	560.5
Tons of Dry Matter (DM)											

Tons of Dry Matter Capacity - Round Silos. Settled haylage formula is considered factored to 100 percent dry matter on above chart. Use the chart to get 100 percent dry matter. Multiply this number by 1.15 to get the **13** percent moisture dry hay equivalent to be entered in item “I” of the claim form, as tons of harvested production.

EXAMPLE: Silo diameter is 20 feet. Depth of harvested production is 20 feet. Production taken from the 100 percent dry matter chart of 33 tons X 1.15 factor = 37.95 (rounded to 38.0 tons) of **13** percent moisture, dry hay equivalent.

TABLE G - CUBIC FEET PER TON OF FORAGE PRODUCTION IN STORAGE

METHOD OF STORAGE	LENGTH OF TIME IN STORAGE	
	0-90 DAYS	OVER 90 DAYS
1. Alfalfa (loose stacked)	500	400
2. Alfalfa/Grass mixture (loose stacked)	550	445
3. Grass Mixtures (loose stacked)	565	550
4. Alfalfa Hay (chopped)		
a. stack wagon-loose (Haybuster)	425	425
b. stack wagon-tight (Hesston-John Deere)	250	250
c. Alfalfa cut 3/8" length	200	200
d. Alfalfa cut 1/2" length	260	260
e. Alfalfa cut 1" length	300	300
f. Alfalfa cut 2" length	370	370
5. Tight large round bales	170	160
6. Loose large round bales	320	310
7. *Large rectangular bales	130	130
8. Alfalfa meal	134	134
9. Alfalfa pellets	53	53
10. Ground Hay	44	44
11. Haylage (trench or bunker silo) - Refer to subparagraph 10 D		
12. Haylage (round silo) - TOP UNLOADING SILO tonnage calculation sheet (Refer to EXHIBIT 3)		
13. Haylage HAULED in chopper boxes, silage wagon, trucks: <u>Cu. Ft.</u> = Tons (at 13 percent equivalent moisture) 225		
*Usually 4' x 4' x 8' used by commercial growers and large producers. Factor reflects alfalfa only.		