



United States
Department of
Agriculture



Federal Crop
Insurance
Corporation

FCIC-25440 (01-2019)
FCIC-25440-1 (11-2019)
FCIC-25440-2 (10-2020)

SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK

2021 and Succeeding Crop Years

**UNITED STATES DEPARTMENT OF AGRICULTURE
KANSAS CITY, MO 64133**

TITLE: SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK	NUMBER: 25440 (01-2019) 25440-1 (11-2019) 25440-2 (10-2020)
EFFECTIVE DATE: 2021 and Succeeding Crop Years	ISSUE DATE: October 2, 2020
SUBJECT: Provides the procedures and instructions for administering the Soybean crop insurance program	OPI: Product Administration and Standards Division
	APPROVED: /S:/ <i>Richard Flourney</i> Deputy Administrator for Product Management

REASON FOR ISSUANCE

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

1. **Subparagraph 33 (3):** Apply the average row width to exhibit 6 (Row Width Factor) to determine the length of row required for the sample row. (The row-width factor is applied only to the Seed Count appraisal method.)
2. **Exhibit 1:** Added abbreviations for Final Agency Determination (FAD) and Food and Drug Administration (FDA).
3. **Exhibit 3, Item 6:** Removed “number” following “Three-digit code.”
4. **Exhibit 4, Items 22 - 28:** Removed “number” following “Three-digit code.”
5. **Exhibit 14:** Inserted new Indeterminate Soybean Defoliation Percent of Damage charts.
6. **Exhibit 15:** Inserted new Determinate Soybean Defoliation Percent of Damage charts.

SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART

Soybean Loss Adjustment Standards Handbook							
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit	Exhibit Pages	Date	FCIC Number
Remove	1-2	1-2	9-10 19			11-2019	FCIC-25440-1
						01-2019	FCIC-25440
						01-2019	FCIC-25440
						01-2019	FCIC-25440
				1	20	01-2019	FCIC-25440
				2	21	01-2019	FCIC-25440
				3	22	01-2019	FCIC-25440
				4	35-36	01-2019	FCIC-25440
				14	37-38	11-2019	FCIC-25440-1
				15	73	01-2019	FCIC-25440
				74	01-2019	FCIC-25440	
Insert	1-4	1-2	9-10 19			10-2020	FCIC-25440-2
						10-2020	FCIC-25440-2
						10-2020	FCIC-25440-2
						10-2020	FCIC-25440-2
				1	20	10-2020	FCIC-25440-2
				2	21	10-2020	FCIC-25440-2
				3	22	10-2020	FCIC-25440-2
				4	35-38	10-2020	FCIC-25440-2
				14	73	10-2020	FCIC-25440-2
				15	74	10-2020	FCIC-25440-2

SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART (Continued)

Soybean Loss Adjustment Standards Handbook									
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit	Exhibit Pages	Date	FCIC Number		
Current Index	1-4	1-2	1-8			10-2020	FCIC-25440-2		
			9-10			01-2019	FCIC-25440		
			11-18				10-2020	FCIC-25440-2	
			19				01-2019	FCIC-25440	
						1	20	10-2020	FCIC-25440-2
						2	21	10-2020	FCIC-25440-2
						3	22	10-2020	FCIC-25440-2
						3	23-24	11-2019	FCIC-25440-1
						3	25-28	01-2019	FCIC-25440
						3	29-30	11-2019	FCIC-25440-1
						3	31	01-2019	FCIC-25440
						4	32-34	01-2019	FCIC-25440
						4	35-38	10-2020	FCIC-25440-2
						4	39-50	01-2019	FCIC-25440
						4	51-52	11-2019	FCIC-25440-1
						5-8	53-60	01-2019	FCIC-25440
						9-12	61-70	11-2019	FCIC-25440-1
						13	71-72	01-2019	FCIC-25440
						14-15	73-74	10-2020	FCIC-25440-2
						16-18	75-81	01-2019	FCIC-25440

FILING INSTRUCTIONS

The handbook pages listed in the Control Chart above under the “Insert” heading replace such pages in the 2020 Soybean Loss Adjustment Standards Handbook, FCIC-25440 (11-2019). This handbook is effective for the 2021 and succeeding crop years and is not retroactive to any 2020 or prior crop year determinations.

(RESERVED)

**SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK
TABLE OF CONTENTS**

PAGE NO.

PART 1 GENERAL INFORMATION AND RESPONSIBILITIES

1	General Information.....	1
2	AIP Responsibilities	2
3-10	(Reserved)	

PART 2 POLICY INFORMATION

11	Insurability.....	3
12	Unit Division	4
13	Soybean Quality Adjustment.....	4
14-20	(Reserved)	

PART 3 REPLANTING PAYMENT PROCEDURES

21	Replanting Payment Procedures	6
22	Qualifications for Replanting Payment	7
23	Maximum Replanting Payment	7
24	Replanting Payment Inspections.....	8
25-30	(Reserved)	

PART 4 APPRAISALS

31	General Information.....	9
32	Selecting Representative Samples	9
33	Measuring Row Width for Sample Selection	9
34	Plant types and Growth Stages	10
35	Appraisal Methods.....	12
36	Deviations and Modifications.....	17
37	General Information for Appraisal Worksheet Entries and Completion Procedures	17
38-50	(Reserved)	

PART 5 PRODUCTION WORKSHEET

51	General Information for Production Worksheet Entries and Completion Procedures	19
52-60	(Reserved)	

**SOYBEAN LOSS ADJUSTMENT STANDARDS HANDBOOK
TABLE OF CONTENTS**

PAGE NO.

EXHIBITS

1	Acronyms and Abbreviations	20
2	Definitions	21
3	Form Standards – Appraisal Worksheet	22
4	Form Standards – Production Worksheet	32
5	Minimum Representative Sample Requirements	53
6	Row Width Factor.....	54
7	Combined Test Weight and Pack Factors	55
8	Seed (Bean) Size Factor.....	57
9	Plants per Acre.....	58
10	Indeterminate Soybean Stand Reduction Loss VC - R1 Stages	62
11	Indeterminate Soybean Stand Reduction Loss R2 - R3.5 Stages	65
12	Determinate Soybean Stand Reduction Loss.....	68
13	Cutoff/Breakover	71
14	Indeterminate Soybean Defoliation Percent of Damage	73
15	Determinate Soybean Defoliation Percent of Damage	74
16	Soybean Moisture Adjustment Factors	75
17	Soybean Growth Stages.....	76
18	Defoliation, Cutoff, and Breakover Illustrations	80

33 Measuring Row Width for Sample Selection (Continued)

- (3) Apply the average row width to exhibit 6 (Row Width Factor) to determine the length of row required for the sample row. (The row-width factor is applied only to the Seed Count appraisal method.)
- (4) Where rows are skipped for tractor and planter tires, refer to the LAM.
- (5) For broadcast acreage, use a 3-foot square grid (9 square feet).

34 Plant Types and Stages of Growth

- (1) These instructions provide plant-type and growth-stage information for use when appraising potential production during various stages of growth.
- (2) Soybean Types and Regions of Production. Soybeans fall into two general types, determinate and indeterminate, with several varieties in each type. Determinate soybeans discontinue vegetative growth prior to beginning reproductive stages. Indeterminate soybeans continue vegetative growth while in the reproductive stages. Determinate varieties usually are planted in the southern region and indeterminate varieties are planted in the northern region.
- (3) Plant Characteristics:
 - (a) Indeterminate type (Maturity Group IV and earlier-maturing varieties):
 - (i) Pods are generally formed on the main stem of the plant.
 - (ii) The plant is generally less bushy than the determinate varieties.
 - (iii) The blooming period begins earlier and extends over a longer period of time than the determinate type. Flowering begins at the 4th or 5th node and progresses upward.
 - (b) Determinate type (Maturity Group V and later-maturing varieties):
 - (i) Pods are formed on branches as well as on the main stem of the plant.
 - (ii) Plants branch out considerably more than the indeterminate type and reach almost full height before blooming.
 - (iii) The blooming period is shorter than the indeterminate type. Regardless of planting dates, the same (determinate type) variety will generally bloom at the same time and with the same duration. Flowering begins at the 8th or 10th node and progresses both up and down.

PART 5 PRODUCTION WORKSHEET

51 General Information for Production Worksheet Entries and Completion Procedures

- (1) The PW is a progressive form containing all notices of damage for all preliminary, replant, and final inspections on a unit.
- (2) If a PW has been prepared on a prior inspection, verify each entry and enter additional information as needed. If a change or correction is necessary, strike out all entries on the line and re-enter correct entries on a new line. The adjuster and insured should initial any line deletions.
- (3) Refer to the LAM for instructions regarding the following:
 - (a) Acreage report errors.
 - (b) Delayed notices and delayed claims.
 - (c) Corrected claims or fire losses (double coverage) and cases involving uninsured causes of loss, unusual situations, controversial claims, concealment, or misrepresentation.
 - (d) Claims involving a Certification Form (when all the acreage on the unit has been appraised to be put to another use, when acreage is being appraised for a replanting payment and all acreage on the unit has been initially planted, or other reasons described in the LAM).
 - (e) “No Indemnity Due” claims (which must be verified by an appraisal or notification from the insured that the production exceeded the guarantee).
 - (f) Late planting.
- (4) Refer to the PPSH 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 “Replant” apply to replant inspections only. Instructions labeled “Final” apply to final inspections only. Instructions not labeled apply to ALL inspections.
- (7) The AIP may complete a separate PW for each type planted in the unit.
- (8) If the AIP determines the claim is to be denied, refer to the LAM for PW completion instructions.

52-60 (Reserved)

Acronyms and Abbreviations

The following table provides the acronyms and abbreviations used in this handbook.

Approved Acronym/Abbreviation	Term
AIP	Approved Insurance Provider
APH	Actual Production History
BP	Basic Provisions
CAT	Catastrophic Risk Protection
CIH	Crop Insurance Handbook
CP	Crop Provisions
DF	Discount Factor
DSSH	Document and Supplemental Standards Handbook
FAD	Final Agency Determination
FCIC	Federal Crop Insurance Corporation
FDA	Food and Drug Administration
FGIS	Federal Grain Inspection Service
FSA	Farm Service Agency
GSH	General Standards Handbook
GPS	Global Positioning System
LAM	Loss Adjustment Manual
LMP	Local Market Price
PPSH	Prevented Planting Standards Handbook
PTC	Production to Count
PW	Production Worksheet
QA	Quality Adjustment
QAF	Quality Adjustment Factor
RIV	Reduction in Value
RMA	Risk Management Agency
SP	Special Provisions

Definitions

Harvest - Combining, threshing, or picking the insured crop for grain, or cutting for hay, silage, or fodder.

Form Standards – Appraisal Worksheet

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

Element/Item Number	Standard
Part I - Stand Reduction and Plant Damage	
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. Crop Year	Four-digit crop year, as defined in the policy, for which the claim is filed.
4. Unit Number	Unit number from the Summary of Coverage after it is verified to be correct.
5. Field ID	Field or subfield identification symbol.
6. Practice	***Three-digit code entered exactly as specified on the actuarial documents, for the practice carried out by the insured. If "No Practice Specified," enter appropriate three-digit code from the actuarial documents.
7. Company	Name of AIP, if not preprinted on the worksheet (Company Name).
8. Date of Damage	First three letters of the month during which most of the insured damage (including progressive damage) occurred. Include the specific date where applicable, as in the case of hail damage (e.g., Aug. 11).
9. Acres	Number of determined acres, to tenths, in field or subfield being appraised.
10. Variety	Variety name of soybeans being appraised, if known, followed by "D" if determinate type, or "I" if indeterminate.
11. Row Width	Row width to the nearest inch. If broadcast, enter "B." Refer to paragraph 33 for row width determination information.
12. Claim Number	Claim number as assigned by the AIP.
DIRECT DAMAGE	
13. Sample No.	If more than five samples are needed, (refer to exhibit 5 (Minimum Sample Requirements)) use additional pages and number the samples 6, 7, 8, etc.
14. DOD	Stage of growth on date of damage. (Refer to paragraph 34.)
15. DOA	Stage of growth on date of appraisal.
16. Original (1000): (V-Stage Appraisals Only)	Original stand (living and dead, missing, or non-emerged). Enter to the nearest 500 as a decimal rounded to tenths (e.g. enter 110,000 as 110.0). Refer to exhibit 9 (Plants Per Acre) and entry in item 31.
17. Remaining: (V- Stage Appraisals Only)	Remaining stand (live plants). Refer to exhibit 9 (Plants Per Acre) and entry in item 32. Enter to the nearest 500 as a decimal to tenths (e.g. enter 12,500 as 12.5).

Form Standards - Production Worksheet (Continued)

Section I – Determined Acreage Appraised, Production and Adjustments

Make separate line entries for varying:

- (1) Rate classes, types, classes, sub-classes, intended uses, irrigated practices, cropping practices, or organic practices, as applicable;
- (2) APH yields;
- (3) Appraisals;
- (4) Adjustments to appraised mature production (moisture and/or QAFs);
- (5) Stages or intended use(s) of acreage;
- (6) Shares (e.g., 50 percent and 75 percent shares on the same unit); or
- (7) Appraisals for damage due to hail or fire if Hail and Fire Exclusion is in effect.

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

Form Standards - Production Worksheet (Continued)

Element/Item Number	Standard
19. Determined Acres (continued)	<p>Refer to the LAM for procedures regarding when estimated acres are allowed and documentation requirements.</p> <p>Replant: Determine the total acres, to tenths, of replanted acreage (do not estimate). Make a separate line entry for any part of a field not replanted.</p> <p>a. Determine the planted acreage of any fields not replanted. Consolidate it into a single line entry unless the usual reasons for separate line entries apply. Record the field identities (from a map or aerial photo) in the Narrative.</p> <p>b. Account for all planted acreage in the unit.</p> <p>Preliminary and Final: Determined acres to tenths.</p> <p>Acreage breakdowns within a unit or field may be estimated (refer to the LAM) if a determination is impractical.</p> <p>Account for all planted acreage in the unit.</p>
20. Interest or Share	Insured's interest in the crop to three decimal places as determined at the time of inspection. If shares vary on the same unit, use separate line entries.
21. Risk	<p>Three-digit code for the correct "Rate" as specified on the actuarial document maps. If a "Rate" or "High-Risk Area" is not specified on the actuarial document maps, make no entry. Verify with the Summary of Coverage and if the "Rate" is found to be incorrect, revise according to the AIP's instructions. Refer to the LAM.</p> <p>Unrated land is uninsurable without a written agreement.</p>
22. Type	***Three-digit code, entered exactly as specified on the actuarial documents for the type grown by the insured. If "No Type Specified" is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a type is not specified on the actuarial documents, make no entry.
23. Class	***Three-digit code, entered exactly as specified on the actuarial documents for the class grown by the insured. If "No Class Specified" is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a class is not specified on the actuarial documents, make no entry.
24. Sub-Class	***Three-digit code, entered exactly as specified on the actuarial documents for the sub-class grown by the insured. If "No Sub-Class Specified," is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a sub-class is not specified on the actuarial documents, make no entry.

Form Standards - Production Worksheet (Continued)

Element/Item Number	Standard								
25. Intended Use	<p>*** Three-digit code, entered exactly as specified on the actuarial documents for the intended use of the crop grown by the insured. If “No Intended Use Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an intended use is not specified on the actuarial documents, make no entry.</p>								
26. Irr. Practice	<p>*** Three-digit code, entered exactly as specified on the actuarial documents for the irrigated practice carried out by the insured. If “No Irrigated Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an irrigated practice is not specified on the actuarial documents, make no entry.</p>								
27. Cropping Practice	<p>*** Three-digit code, entered exactly as specified on the actuarial documents for the cropping practice (or practice) carried out by the insured. If “No Cropping Practice Specified” or “No Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If a cropping practice is not specified on the actuarial documents, make no entry.</p>								
28. Organic Practice	<p>*** Three-digit code, entered exactly as specified on the actuarial documents for the organic practice carried out by the insured. If “No Organic Practice Specified” is shown in the actuarial documents, enter the appropriate three-digit code from the actuarial documents (e.g., 997). If an organic practice is not specified on the actuarial documents, make no entry.</p>								
29. Stage	<p>Preliminary: Make no entry.</p> <p>Replant: Replant stage abbreviation as shown below.</p> <table border="0" data-bbox="537 1297 1385 1505"> <thead> <tr> <th data-bbox="537 1297 792 1329"><u>Stage</u></th> <th data-bbox="797 1297 959 1329"><u>Explanation</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="537 1329 792 1398">“R”</td> <td data-bbox="797 1329 1385 1398">Acreage replanted and qualifying for replanting payment.</td> </tr> <tr> <td data-bbox="537 1398 792 1434">“NR”</td> <td data-bbox="797 1398 1385 1434">Acreage not replanted.</td> </tr> <tr> <td data-bbox="537 1434 792 1505">“RN”</td> <td data-bbox="797 1434 1385 1505">Acreage replanted and not qualified for a replanting payment.</td> </tr> </tbody> </table>	<u>Stage</u>	<u>Explanation</u>	“R”	Acreage replanted and qualifying for replanting payment.	“NR”	Acreage not replanted.	“RN”	Acreage replanted and not qualified for a replanting payment.
<u>Stage</u>	<u>Explanation</u>								
“R”	Acreage replanted and qualifying for replanting payment.								
“NR”	Acreage not replanted.								
“RN”	Acreage replanted and not qualified for a replanting payment.								

Form Standards - Production Worksheet (Continued)

Element/Item Number	Standard																		
<p>29. Stage (Continued)</p>	<p>Final: Stage abbreviation as shown below.</p> <table border="0"> <thead> <tr> <th data-bbox="540 348 618 380"><u>Stage</u></th> <th data-bbox="894 348 1062 380"><u>Explanation</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="540 384 854 415">“P”</td> <td data-bbox="894 384 1531 558">Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production to the AIP.</td> </tr> <tr> <td data-bbox="540 562 854 594">“H”</td> <td data-bbox="894 562 1029 594">Harvested.</td> </tr> <tr> <td data-bbox="540 598 854 630">“UH”</td> <td data-bbox="894 598 1474 630">Unharvested or put to other use with consent.</td> </tr> <tr> <td data-bbox="540 634 854 665">“TZ”</td> <td data-bbox="894 634 1507 705">UUF/Third Party Damage – Zero production on same acreage.</td> </tr> <tr> <td data-bbox="540 709 854 741">“TA”</td> <td data-bbox="894 709 1398 781">UUF/ Third Party Damage – Appraised production on same acreage.</td> </tr> <tr> <td data-bbox="540 785 854 816">“TH”</td> <td data-bbox="894 785 1390 856">UUF/Third Party Damage – Harvested production on same acreage.</td> </tr> </tbody> </table> <p>Prevented Planting: Refer to the PPSH for proper codes for any eligible prevented planting acreage.</p> <p>Gleaned Acreage: Refer to the LAM for information on gleaning.</p>	<u>Stage</u>	<u>Explanation</u>	“P”	Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production to the AIP.	“H”	Harvested.	“UH”	Unharvested or put to other use with consent.	“TZ”	UUF/Third Party Damage – Zero production on same acreage.	“TA”	UUF/ Third Party Damage – Appraised production on same acreage.	“TH”	UUF/Third Party Damage – Harvested production on same acreage.				
<u>Stage</u>	<u>Explanation</u>																		
“P”	Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production to the AIP.																		
“H”	Harvested.																		
“UH”	Unharvested or put to other use with consent.																		
“TZ”	UUF/Third Party Damage – Zero production on same acreage.																		
“TA”	UUF/ Third Party Damage – Appraised production on same acreage.																		
“TH”	UUF/Third Party Damage – Harvested production on same acreage.																		
<p>30. Use of Acreage</p>	<p>Use of acreage. Use the following “Intended Use” abbreviations.</p> <table border="0"> <thead> <tr> <th data-bbox="540 1117 597 1148"><u>Use</u></th> <th data-bbox="894 1117 1062 1148"><u>Explanation</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="540 1152 854 1184">“Replant”</td> <td data-bbox="894 1152 1127 1184">Acreage replanted</td> </tr> <tr> <td data-bbox="540 1188 854 1220">“Not Replanted”</td> <td data-bbox="894 1188 1175 1220">Acreage not replanted</td> </tr> <tr> <td data-bbox="540 1224 854 1255">“To Millet”</td> <td data-bbox="894 1224 1208 1255">Use made of the acreage</td> </tr> <tr> <td data-bbox="540 1260 854 1291">“WOC”</td> <td data-bbox="894 1260 1230 1291">Other use without consent</td> </tr> <tr> <td data-bbox="540 1295 854 1327">“SU”</td> <td data-bbox="894 1295 1110 1327">Solely uninsured</td> </tr> <tr> <td data-bbox="540 1331 854 1362">“ABA”</td> <td data-bbox="894 1331 1252 1362">Abandoned without consent</td> </tr> <tr> <td data-bbox="540 1367 854 1398">“H”</td> <td data-bbox="894 1367 1024 1398">Harvested</td> </tr> <tr> <td data-bbox="540 1402 854 1434">“UH”</td> <td data-bbox="894 1402 1057 1434">Unharvested</td> </tr> </tbody> </table> <p>Verify any “Intended Use” entry. If 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.” Refer to the LAM regarding “WOC” and short rated acreage.</p> <p>Prevented Planting: Refer to the PPSH for proper codes for any eligible prevented planting acreage.</p> <p>Gleaned Acreage: Refer to the LAM for information on gleaning.</p>	<u>Use</u>	<u>Explanation</u>	“Replant”	Acreage replanted	“Not Replanted”	Acreage not replanted	“To Millet”	Use made of the acreage	“WOC”	Other use without consent	“SU”	Solely uninsured	“ABA”	Abandoned without consent	“H”	Harvested	“UH”	Unharvested
<u>Use</u>	<u>Explanation</u>																		
“Replant”	Acreage replanted																		
“Not Replanted”	Acreage not replanted																		
“To Millet”	Use made of the acreage																		
“WOC”	Other use without consent																		
“SU”	Solely uninsured																		
“ABA”	Abandoned without consent																		
“H”	Harvested																		
“UH”	Unharvested																		

Indeterminate Soybean Defoliation Percent of Damage

Stages	Percent of Defoliation																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Vc-Vn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
R2.5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	3
R3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4
R3.5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4
R4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5
R4.5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5
R5	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	5
R5.5	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	5
R6	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
R6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1

Indeterminate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Vc-Vn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3
R2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
R2.5	3	3	3	4	4	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9	10	10	11	11	12
R3	5	5	5	6	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	14	14	15	16	16	17
R3.5	5	5	5	6	6	7	7	8	8	8	9	9	10	11	11	12	12	13	13	14	15	15	16	17	17
R4	5	5	6	6	7	7	8	8	8	9	10	10	11	11	12	12	13	14	14	15	16	16	17	18	18
R4.5	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	13	13	14	14	15	16	17	17	18	19
R5	5	6	6	6	7	7	8	8	9	9	10	11	11	12	12	13	14	14	15	16	16	17	18	19	19
R5.5	5	6	6	6	7	7	8	8	9	9	10	11	11	12	12	13	14	14	15	16	16	17	18	19	19
R6	4	5	5	5	6	6	6	7	7	7	8	8	9	9	9	10	10	11	11	11	12	12	13	13	14
R6.5	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4

Indeterminate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Vc-Vn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	3	3	3	4	4	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	10	10
R2	7	7	7	8	8	8	9	9	10	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	18
R2.5	12	13	13	14	14	15	15	16	16	17	18	18	19	19	20	21	21	22	23	23	24	25	25	26	27
R3	18	18	19	20	20	21	22	23	23	24	25	26	27	28	29	29	30	31	32	33	34	35	36	37	38
R3.5	18	19	19	20	21	22	22	23	24	25	26	27	27	28	29	30	31	32	33	34	35	36	37	38	39
R4	19	20	21	21	22	23	24	25	26	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
R4.5	19	20	21	22	23	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
R5	20	21	22	23	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
R5.5	20	21	22	23	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
R6	14	15	15	16	16	17	18	18	19	19	20	21	21	22	22	23	24	24	25	26	26	27	28	28	29
R6.5	4	4	5	5	5	5	5	6	6	6	6	7	7	7	8	8	8	8	9	9	9	10	10	10	11

Indeterminate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Vc-Vn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	19	19	20	21	21	22	23	23	24	25
R2	18	19	20	20	21	22	22	23	24	25	26	26	27	28	29	30	31	32	33	34	34	35	37	38	39
R2.5	28	28	29	30	31	32	32	33	34	35	36	37	37	38	39	40	41	42	43	44	45	46	47	48	49
R3	39	40	41	42	43	44	45	47	48	49	50	51	52	53	55	56	57	58	60	61	62	64	65	66	68
R3.5	40	41	42	43	44	45	46	48	49	50	51	52	54	55	56	57	58	60	61	62	64	65	66	68	69
R4	42	44	45	46	47	48	49	51	52	53	54	56	57	58	59	61	62	63	65	66	68	69	70	72	73
R4.5	43	44	45	47	48	49	50	51	53	54	55	57	58	59	61	62	63	65	66	67	69	70	72	73	75
R5	45	46	47	48	49	51	52	53	54	56	57	58	60	61	63	64	65	67	68	70	71	73	74	76	77
R5.5	45	46	47	48	49	51	52	53	54	56	57	58	60	61	63	64	65	67	68	70	71	73	74	76	77
R6	30	31	31	32	33	34	34	35	36	37	38	38	39	40	41	42	43	44	44	45	46	47	48	49	50
R6.5	11	12	12	12	13	13	14	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	23

Determinate Soybean Defoliation Percent of Damage

Stages	Percent of Defoliation																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
V9-V12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
V13-Vn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
R1-2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4
R2.5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4
R3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4
R3.5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4
R4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4
R4.5	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	4	5	5	5	6	6
R5	0	0	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	8
R5.5	0	0	1	1	1	1	2	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	8
R6	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4

Determinate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
V9-V12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
V13-Vn	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5
R1-2	4	4	5	5	5	5	6	6	6	7	7	8	8	8	9	9	9	10	10	11	11	11	12	12	13
R2.5	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9	10	10	11	11	12	12	13	13	14	14
R3	4	5	5	5	6	6	7	7	8	8	8	9	9	10	10	11	12	12	13	13	14	14	15	16	16
R3.5	4	5	5	5	6	6	7	7	8	8	8	9	9	10	10	11	12	12	13	13	14	14	15	16	16
R4	5	5	5	6	6	7	7	7	8	8	9	9	10	10	11	11	12	13	13	14	14	15	16	16	17
R4.5	6	7	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	15	15	16	17	17	18	18	19
R5	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	17	17	18	19	19	20	20	21	22
R5.5	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	17	17	18	19	19	20	20	21	22
R6	4	4	4	5	5	5	5	5	6	6	6	7	7	7	7	8	8	8	9	9	9	10	10	11	11

Determinate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
V9-V12	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7
V13-Vn	6	6	6	6	7	7	7	7	8	8	8	9	9	9	9	10	10	10	11	11	11	12	12	13	13
R1-2	13	14	14	14	15	15	16	16	17	17	18	18	19	19	20	20	20	21	21	22	22	23	23	24	24
R2.5	15	15	16	16	17	18	18	19	19	20	21	21	22	23	23	24	25	25	26	27	27	28	29	29	30
R3	17	18	19	19	20	21	21	22	23	24	25	25	26	27	28	29	30	31	32	33	34	35	36	37	38
R3.5	17	18	19	19	20	21	21	22	23	24	25	25	26	27	28	29	30	31	32	33	34	35	36	37	38
R4	18	18	19	20	21	21	22	23	24	25	25	26	27	28	29	30	31	32	33	34	34	35	36	37	38
R4.5	20	21	21	22	23	23	24	25	26	27	27	28	29	30	31	32	33	33	34	35	36	37	38	39	40
R5	23	23	24	25	25	26	27	28	28	29	30	31	32	32	33	34	35	36	37	38	39	39	40	41	42
R5.5	23	23	24	25	25	26	27	28	28	29	30	31	32	32	33	34	35	36	37	38	39	39	40	41	42
R6	11	12	12	13	13	14	14	15	15	16	16	17	18	18	19	19	20	21	21	22	23	23	24	25	26

Determinate Soybean Defoliation Percent of Damage (cont'd)

Stages	Percent of Defoliation																								
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
V9-V12	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10
V13-Vn	13	14	14	14	15	15	16	16	17	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24
R1-2	25	25	26	26	26	27	27	28	28	29	29	30	30	30	31	31	32	32	33	33	33	34	34	35	35
R2.5	31	32	32	33	34	35	35	36	37	38	39	39	40	41	42	43	44	44	45	46	47	48	49	49	50
R3	39	40	41	42	43	44	45	46	48	49	50	51	52	54	55	56	57	59	60	61	63	64	65	67	68
R3.5	39	40	41	42	43	44	45	46	48	49	50	51	52	54	55	56	57	59	60	61	63	64	65	67	68
R4	40	41	42	43	44	45	46	47	48	49	51	52	53	54	55	57	58	59	61	62	63	64	66	67	69
R4.5	41	42	43	44	45	46	47	48	49	51	52	53	54	55	56	57	59	60	61	62	64	65	66	67	69
R5	43	44	45	46	47	48	49	50	51	52	53	54	55	56	58	59	60	61	62	63	64	65	67	68	69
R5.5	43	44	45	46	47	48	49	50	51	52	53	54	55	56	58	59	60	61	62	63	64	65	67	68	69
R6	27	27	28	29	30	31	32	33	34	34	35	36	37	39	40	41	42	43	44	45	46	48	49	50	51