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SPRINKLER IRRIGATED RICE CROP INSURANCE STANDARDS HANDBOOK

2016 and Succeeding Crop Years

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

TITLE: Sprinkler Irrigated Rice Crop Insurance Standards Handbook	NUMBER: FCIC-20270U
EFFECTIVE DATE: 2016 and succeeding crop years	ISSUE DATE: November 16, 2015
SUBJECT: Provides the underwriting procedures and instructions for administering the Sprinkler Irrigated Rice Endorsement insurance program.	OPI: Product Administration and Standards Division
	APPROVED: /s/ Tim B. Witt Deputy Administrator for Product Management

REASON FOR ISSUANCE:

These procedures provide underwriting instructions in conjunction with the Sprinkler Irrigated Rice Endorsement (16-SIR-0018B), Rice Crop Provisions (11-0018), and Basic Provisions (11-BR).

SPRINKLER IRRIGATED RICE CROP INSURANCE STANDARDS HANDBOOK

CONTROL CHART:

Sprinkler Irrigated Rice Crop Insurance Standards Handbook							
	TP Page(s)	TC Page(s)	Text Page(s)	Exhibit Number	Exhibit Page(s)	Date	Directive Number
Insert	Entire Handbook						
Current Index	1-2	1-2	1-9	1-10	10-27	11-2015	FCIC-20270U

FILING INSTRUCTIONS:

This handbook is effective for the 2016 and succeeding crop years and is not retroactive to any 2015 or prior crop year determinations.

**SPRINKLER IRRIGATED RICE CROP INSURANCE STANDARDS HANDBOOK
TABLE OF CONTENTS**

PAGE NO.

PART 1 GENERAL INFORMATION & RESPONSIBILITIES

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

PART 2 SPRINKLER IRRIGATED RICE ENDORSEMENT

11	Background Information.....	4
12	Availability	4
13	Eligibility	5
14	Acreage Reporting Guidelines.....	7
15	Premium Determination.....	7
16	Written Agreements	7
17	Actual Production History & Production Reporting	7
18-20	(Reserved)	

PART 3 PAYMENTS

21	General Information.....	8
22	Qualifications for a Sprinkler Irrigated Rice Payment	8
23-30	(Reserved)	

PART 4 PAYMENT CALCULATIONS

31	General Information.....	9
32	Payment Calculations	9
32-40	(Reserved)	

EXHIBITS

1	Acronyms & Abbreviations.....	10
2	Definitions	11
3	Responsibilities – At the Time of Damage or Loss	12
4	Form Standards – Endorsement Application	15
5	Field Scouting Report Sample	20
6	Custom Application Report Sample	22
7	Alternate Custom Application Report Sample	23
8	Custom Application Log Sample.....	24
9	Crop Scouting Report Sample One.....	25
10	Crop Scouting Report Sample Two	26

(RESERVED)

PART 1 GENERAL INFORMATION & RESPONSIBILITIES

1. General Information

A. Purpose & Objective

The purpose of the handbook is to provide instructions for establishing crop insurance coverage for the SIR.

- (1) This handbook shall provide instructions for establishing crop insurance coverage in accordance with the Rice CP (11-0018) and the SIR (16-SIR-0018B), and as a supplement to the CIH (FCIC 18010) and any other issuance that may be referenced herein.
 - (a) The policy forms for sprinkler irrigated rice coverage are:
 - (i) Basic Provisions (11-BR),
 - (ii) 15-CCIP Farm Bill Amendment,
 - (iii) Rice Crop Provisions (11-0018),
 - (iv) Sprinkler Irrigated Rice Endorsement (16-SIR-0018B), and
 - (v) Sprinkler Irrigated Rice SP.
 - (b) When Rice and SIR applications are accepted, these policy forms will make up the policy for SIR.
- (2) The Rice Crop Insurance Program is an APH based program. The CIH applies and provides instruction for coverage and insurability determinations in conjunction with the BP and Rice CP.
- (3) This SIR CISH provides specific information regarding the administration and underwriting of the SIR. All procedures, rules, and requirements for SIR will follow the procedures and provisions in the CIH, BP, and Rice CP except for the differences indicated in this handbook and SIR.
- (4) If a conflict exists between the language of the SIR CISH and the CIH, the language of this handbook will control. If a conflict exists between the language of this handbook and the BP, Rice CP, and/or SIR; the BP, Rice CP, and/or SIR, as applicable, will control.

B. Source of Authority

The SIR is approved by the FCIC Board of Directors under Section 508(h) of the Federal Crop Insurance Act. This handbook, in conjunction with other applicable handbooks, provides the FCIC approved procedures for administering the program.

1. General Information (Continued)

C. Program Duration

The SIR is available beginning with the 2016 crop year and is authorized until terminated by the FCIC Board of Directors.

D. AIP Option to Offer

Because this is a product approved under Section 508(h) of the Federal Crop Insurance Act, AIPs are not required to offer the SIR to insureds. Accordingly, each AIP must determine whether they will offer the SIR in the designated approved areas. AIPs that elect to offer the program must offer it to all eligible producers in the approved areas and must administer the SIR according to the procedures in this handbook.

E. Approved Area

The SIR is available where premium rates and other actuarial materials are included in the actuarial documents for the county.

F. Applying for the SIR

- (1) AIPs shall use the required SIR Application.
- (2) The completion of the SIR Application is required; signed by the appropriate parties; it includes the acknowledgement and agreement with the Certification Statement located in the SIR Application. This application must accompany the original application for Rice insurance or be added to the permanent file with the original application for Rice Insurance.
 - (a) The Endorsement Application must be completed along with the application for the first year and for each year the Endorsement is in effect.
 - (b) The Endorsement Application outlines the insured's documentation responsibilities to maintain insurability of the rice grown under a sprinkler irrigation system. Refer to exhibit 4 for an example of the SIR Application.
- (3) The SIR is not available at CAT level coverage.

2. Responsibilities

A. AIP

AIPs must use standards, procedures, methods and instructions as authorized by FCIC in the sale and service of crop insurance contracts. Each AIP is responsible for using FCIC approved procedure. AIPs should report any program issues or concerns to the Product Administration and Standards Division of the RMA.

2. Responsibilities (Continued)

B. Insured

To be eligible for the SIR, insureds must elect the SIR on the application or policy change form and comply with all terms and conditions of the BP and the SIR.

C. Agent/AIP

To be eligible for the SIR, insureds must comply with all terms and conditions of the BP and the SIR. Refer to exhibit 3 for a list of responsibilities at the time of damage or loss.

3-10 (Reserved)

PART 2 SPRINKLER IRRIGATED RICE ENDORSEMENT

11. Background Information

- (1) The SIR is available beginning with the 2016 crop year for states and counties listed in the actuarial documents. The SIR does not affect CIH and insurance determinations related to coverage and insurability of the underlying rice crop insured under the Rice CP.
- (2) SIR coverage is based on a sprinkler irrigation practice. The insured must have the irrigation equipment, water supply, and farm management practices to be eligible for rice insurance under a sprinkler irrigation practice.
- (3) The SIR is elected at the time of application or by the SCD for rice using standard application procedures and the required SIR Application. An option code contained on the actuarial documents is used to indicate the insured's coverage election.
- (4) Standard acreage reporting procedures apply except the insured must submit maps or aerial photos that clearly identify the unit and individual fields within each unit shown on the acreage report.
- (5) Notices of damage or loss, loss adjustment, and SIR payments are determined on an individual unit basis following loss adjustment procedures contained in the SIR LASH.
- (6) The unit arrangement elected by insureds under the SIR may be different than the unit arrangement elected under the Rice CP. Insureds may elect only basic or optional units under the SIR; but the SIR allows for optional units to be determined by irrigation practice.
- (7) Coverage under the SIR will attach when the rice crop is planted. Prevented planted acreage and late planted acreage are not insurable under the SIR. If the crop is not planted by the indicated FPD, no coverage is available for rice being grown under a sprinkler irrigation system.

12. Availability

The SIR is available only in counties where the actuarial documents designate the availability of sprinkler irrigated rice and the actuarial documents provide a premium rate for this endorsement.

State	County
Arkansas Missouri Tennessee Texas	All rice counties listed in the actuarial documents.

13. Eligibility

A. Insured's Eligibility

Insureds must:

- (1) be in an eligible county for SIR;
- (2) be insured under the BP and Rice CP (for either yield or revenue protection plans as elected by the insured under the Rice CP);
- (3) have adequate water and irrigation equipment to appropriately grow rice under a sprinkler irrigation system; and
- (4) document weekly inspections as required, which are indicated on the SIR Application.

B. Eligible Acreage

- (1) All insurable planted rice acreage of insurable rice types, as indicated in the SIR SP, in the county where the SIR is offered as specified in the actuarial documents.
- (2) Acreage planted to rice under a sprinkler irrigation system must have:
 - (a) sprinkler irrigation equipment that is well-maintained and in good working order;
 - (b) a water source that is sufficient to meet the evapotranspiration needs of the rice crop;
 - (c) a water source that has the capacity to deliver at least 7.5 gallons of water per minute per acre; and
 - (d) a sprinkler irrigation system that has the ability to complete one full irrigation rotation per 24-hour period. If the irrigation system is not a pivot (such as a linear or solid-set system), this means the ability of the system to irrigate the entire crop area within one continuous 24 hour period.

Note: If the irrigation is not a pivot or linear (such as a solid-set system), the irrigation system shall be designed and installed to ensure appropriate uniformity over the irrigated area, as well as having adequate system capacity.

- (3) Rice grown under a sprinkler irrigation practice shall be rice that is:
 - (a) adapted for growing conditions found in the southern U.S. rice growing regions and that is a short to medium season maturity variety or hybrid. Late season maturity varieties of rice are not eligible for insurance when sprinkler irrigation is being used;

13. Eligibility

B. Eligible Acreage (continued)

- (b) disease resistant to “blast” disease (*pyricularia grisea*). Varieties that are moderately resistant, moderately susceptible or susceptible to “blast” are not eligible to be insured under this Endorsement; and
- (c) a rice variety that has the grain quality potential equal to U.S. No. 1 as established by the USDA Federal Grain Inspection Service.

C. Election

Coverage must be elected on the endorsement application on or before the applicable SCD for rice in the eligible county

D. Continuous Endorsement – Annual Endorsement Application

The SIR is a continuous endorsement and will be in effect unless:

- (1) the SIR Application is not completed by the SCD each crop year;
- (2) it is cancelled in writing by the insured on or before the applicable cancellation date for the effective crop year;
- (3) the Sprinkler Irrigated Rice Endorsement is terminated by the FCIC;
- (4) it is determined by the AIP that the documentation of farming practices as outlined by the Endorsement Application were not followed; or
- (5) it is determined by the AIP that the sprinkler irrigation equipment is not adequate or in proper operating condition to meet the water source and application requirements outlined in the SIR Endorsement.

E. Cancellation

Cancellation or termination of the rice policy automatically cancels or terminates the SIR.

F. Transfer

If the rice policy is transferred to a different AIP, the SIR is cancelled and must be elected by the insured with the new AIP on or before the applicable SCD for rice.

G. Other Program Dates

All other program dates (contract change, billing, insurance period, etc.) contained in the Rice CP applies to the SIR.

14. Acreage Reporting Guidelines

A. Acreage Reporting

- (1) SIR insured acreage is reported by the acreage reporting date for rice in the applicable county actuarial documents.
- (2) SIR acreage for the unit is reported to RMA separately on the acreage report and designated by the type/practice contained in the actuarial documents.
- (3) The insured must provide a map(s) or other acceptable media which locates the insured acreage for each insured rice unit (including individual fields in the unit) in the county.

B. Unit Division

- (1) The unit arrangement elected by the insured under the SIR may be different from the unit arrangement elected under the Rice CP.
- (2) In addition to the unit division allowed by the BP and Rice CP, separate units by flood irrigation and sprinkler irrigation practices are available.
- (3) Enterprise and Whole Farm units are allowed on the SIR.

15. Premium Determination

The premium amount for SIR coverage will be determined by multiplying the number of insured acres of rice by the liability amount, by the premium rate for the practice of sprinkler irrigation contained in the actuarial documents, and by the percentage of projected price.

16. Written Agreements

No written agreements may be issued for the SIR.

17. Actual Production History & Production Reporting

Prior production of SIR, which is now insurable, meeting the requirements in paragraph 13B(2) and (3) can be certified by the insured and SIR APH databases are established according to the procedures in the CIH.

18-20 (Reserved)

PART 3 PAYMENTS

21. General Information

SIR payments will not be made on any SIR acreage that:

- (1) is harvested prior to meeting the notice requirements contained in the SIR; and
- (2) does not meet the eligibility requirements of the SIR.

22. Qualifications for a Sprinkler Irrigated Rice Payment

To qualify for a SIR payment, the SIR acreage must:

- (1) be eligible acreage;
- (2) be planted to an approved rice type; and
- (3) have documentation of weekly inspections available for review by the loss adjuster.

23-30 (Reserved)

PART 4 PAYMENT CALCULATIONS

31. General Information

The SIR payment calculation is the same as contained in the Rice CP.

32. Payment Calculations

The amount of the SIR payment is determined by the procedures contained in the Rice LASH.

33-40 (Reserved)

Acronyms & Abbreviations

The following table contains RMA-approved acronyms used in this handbook.

Approved Acronym/Abbreviation	Term
AIP	Approved Insurance Provider
APH	Actual Production History
BP	Basic Provisions
CAT	Catastrophic Risk Protection
CCIP	Common Crop Insurance Policy
CIH	Crop Insurance Handbook
CISH	Crop Insurance Standards Handbook
CP	Crop Provisions
FCIC	Federal Crop Insurance Corporation
FPD	Final Planting Date
LASH	Loss Adjustment Standards Handbook
NOL	Notice of Damage or Loss
RMA	Risk Management Agency
SCD	Sales Closing Date
SIR	Sprinkler Irrigated Rice Endorsement
SP	Special Provisions

Definitions

Irrigate Frequently is irrigation that shall occur often enough to provide at least the minimum amount of water needed for normal growth; to include an accounting for rainfall and irrigation events so that soil water conditions in the effective root zone does not cause crop water stress on the rice being grown.

Sprinkler Irrigation Practice is a method of crop irrigation in which the equipment applies water through nozzles operated under pressure to form a spray pattern to cover the acreage whereby the planted acreage is intentionally sprayed with water in non-ponding applications throughout the growing season.

Responsibilities – At the Time of Damage or Loss

A. Insured

- (1) Notify the agent within twenty-four (24) hours of the:
 - (a) cause of damage; and
 - (b) date of damage on the insured unit.
- (2) Report the estimated number of acres within the unit:
 - (a) that has been harvested; and
 - (b) of unharvested acreage.
- (3) Prepare documentation of weekly inspections by a third-party agronomy scout or Certified Crop Advisor for review by the adjuster. Documentation shall include immediate actions to remedy problems along with support from field notes and pictures (refer to exhibits 5–10 for samples of field documentation reports). The following shall be documented:
 - (a) proper sprinkler irrigation equipment that is in good working order and a water source sufficient to meet the transpiration needs of rice;
 - (b) proper seedbed preparation with good soil moisture or irrigation occurring immediately after planting;
 - (c) effective weed control program including a record of dates and actions taken;
 - (d) effective pesticide/insecticide disease control program including a record of dates and actions taken;
 - (e) effective fertilizer and nutrient management program including a record of dates and actions; and
 - (f) effective water management program to meet the established evapotranspiration needs of rice:
 - (i) Irrigate frequently, with light applications, to maintain appropriate water content in the effective root zone (such as top 6”–8” of soil profile).
 - (ii) In the event of a loss, the AIP may use the irrigation logs, rainfall reports and information from county extension offices or other third party agricultural services to determine whether the level of irrigation is sufficient to be considered a “good farming practice.”
 - (iii) Document irrigation applications. This documentation may be documented by a third-party agronomy scout, Certified Crop Advisor, or by digital means, such as flow meters or digital control panels purchased from the sprinkler equipment manufacturer.

Responsibilities – At the Time of Damage or Loss (Continued)

A. Insured (continued)

- (iv) Documentation shall include: irrigation dates, irrigation depth applied for each application, and rainfall dates and amounts from planting to maturity; to include field notes for any irrigation event that did not irrigate the entire field.
 - (v) For center pivot irrigation management, the insured should seek to keep the wheel tracks as dry as possible to minimize tire ruts and prevent the machine from getting stuck so that the proper application and timing are maintained throughout the growing season.
 - (vi) The insured's irrigation management practice should prevent irrigation runoff.
- (4) The insured shall allow the AIP access to the SIR unit location to inspect the crop and equipment.

B. Agent

- (1) Notify the insured that:
 - (a) a separate NOL will be required if additional rice acreage is damaged; and
 - (b) consent must be given by the AIP to put any rice acreage to other use or be destroyed.
- (2) Receive the NOL and acreage information from the insured. The NOL may be taken by phone but must be confirmed in writing; and
- (3) Notify AIP within twenty-four (24) hours of receipt of the NOL and provide all required unit and acreage information (including maps or aerial photos locating the unit and the fields containing the SIR acreage within the unit).

C. AIP

- (1) Receive the NOL information (notice, acreage, and maps) from the agent.
- (2) Within twenty-four (24) hours of receipt of the NOL, assign the notice to an adjuster for inspection and loss adjustment purposes.
- (3) Require inspections/spot-checks on any NOL:
 - (a) that is inconsistent with other NOL in the same area or county;
 - (b) for unusual cases.

Responsibilities – At the Time of Damage or Loss (Continued)

C. AIP (continued)

- (4) Resolve controversial SIR claims:
 - (a) Review needed weekly documentation of farming practices to assure that the rules of the SIR were followed.
 - (b) Process SIR claims and issue SIR payments.

D. Loss Adjuster

- (1) Review the NOL and accompanying documentation. Based on this review, conduct any necessary inspections.
- (2) Conduct inspections as soon as reasonably possible after the adjuster receives the NOL information, generally within forty-eight (48) hours.
- (3) Notify the insured if the inspection will be delayed and provide an estimated inspection date.
- (4) Inform the insured of the documentation of the weekly inspections that will need to be reviewed.
- (5) Conduct an inspection of SIR unit acreage and determine damage and eligibility for an indemnity payment (refer to SIR LASH for inspection checklist and form completion requirements).
 - (a) If harvest of the unit is not complete and the insured intends to destroy (e.g., plow, burn, flood, etc.) the unharvested acreage, consent to destroy the crop is required.
 - (b) Give consent to destroy (e.g., plow, burn, flood, etc.) the unharvested acreage (at the unit level or following each individual location inspection, as applicable).
- (6) Complete the SIR Loss Adjustment Checklist, Production Worksheet, obtain signatures, and submit to the AIP for processing.

Form Standards – Endorsement Application

A. General Information

- (1) The entry items in the SIR application are required to be completed in its entirety.
- (2) The completion instructions for the required entry items for the SIR application are “Substantive,” (i.e., they are required).
- (3) Following is a description of the required information to be recorded on the SIR application.
- (4) Examples of field documentation forms to be reviewed by the loss adjuster are located in exhibits 5-10 of this handbook.

B. Sprinkler Irrigated Rice Endorsement Application Standards and Elements

Item Number/Element	Description of Required Information
1. Insured's Name	Enter the appropriate information here. Verify the name on the SIR application matches the name on the primary Rice policy.
2. Street Address	Enter the appropriate information here. Verify the address on the SIR application matches the address on the primary Rice policy.
3. City	Enter the appropriate information here. Verify the city name on the SIR application matches the city name on the primary Rice policy.
4. State	Enter the appropriate information here. Verify the state name on the SIR application matches the state name on the primary Rice policy.
5. Zip Code	Enter the appropriate information here. Verify the zip code on the SIR application matches the zip code on the primary Rice policy.
6. Phone Number	Enter the primary phone number of the insured.
7. Cell Phone Number	Enter the primary cell phone number of the insured.
8. Identification Number	Enter the appropriate tax identification number information here. Verify the identification number on the SIR application matches the identification number on the primary Rice policy.
9. Identification Number Type	Enter the appropriate identification number type information here. Verify the identification number type on the SIR application matches the identification number type on the primary Rice policy.
10. Person Type	Enter the appropriate person type information here. Verify the person type information on the SIR application matches the person type information on the primary Rice policy.
11. Spouse's Name	Enter the appropriate information here. Verify the name on the SIR application matches the name on the primary Rice policy.
12. Spouse's Identification Number	Enter the appropriate information here. Verify the spouse's identification number on the SIR application matches the spouse's identification number on the primary Rice policy.

Form Standards – Endorsement Application (Continued)

B. Sprinkler Irrigated Rice Endorsement Application Standards and Elements (continued)

Item Number/Element	Description of Required Information
13. Policy Number	Enter the policy number listed on the primary Rice policy here. If the Rice policy is new and no number has been issued, write “To be assigned” in this entry location and attach the SIR application to the Rice Policy application. Enter the crop year the endorsement is to apply to.
14. Agency	Enter the name of agency servicing the contract.
15. Agency Code	Enter the appropriate agency code for the agency servicing the contract.
16. Address	Enter the appropriate address information here for the agency and agency code listed.
17. City	Enter the appropriate city information for the agency address.
18. State	Enter the appropriate state information for the agency address.
19. Zip Code	Enter the appropriate zip code information for the agency address.
20. Phone Number	Enter the primary phone number of the agency.
21. Insured’s Authorized Representative	Enter the appropriate information here that supports the insured’s person type. Verify the Authorized Representative on the SIR application matches the Authorized Representative on the primary Rice policy.
22. Requirement Statements	The SIR requirements and responsibilities of the insured are to be reviewed by the agent with the insured at the time of sale.
23. Remarks	Enter any appropriate information or notations here that should be a part of the official application and file.
24. Policy No, Current Crop Year, & Date	Enter the appropriate information that records the Rice policy number, the current crop year, and the date the forms are being completed.
25. Good Farming Practice Requirements	<p>The SIR Endorsement requirement of access to the farm and sprinkler irrigation equipment of the insured by the AIP is to be reviewed by the agent with the insured at the time of sale.</p> <p>The SIR Endorsement Good Farming Practice requirements and responsibilities of the insured are to be reviewed by the agent with the insured at the time of sale.</p>
26. Insured’s Printed Name	Print the insured’s name.
27. Insured’s Signature	Record the insured’s signature.
28. Date	Date the signature of the insured was recorded on the SIR application.
29. Agent’s Printed Name	Print the name of the licensed and appointed agent.
30. Agent’s Signature	Record the agent’s signature.
31. Date	
Page Numbers	<p>Enter the pages numbers for all three pages of the SIR application.</p> <p>Example: Page 1 of 3, Page 2 of 3, etc.</p>

Note: Application Distribution. The SIR application is to be submitted to the AIP with a copy of the original Rice policy application or declaration page attached to the SIR application.

Form Standards – Endorsement Application (Continued)**Sprinkler Irrigated Rice Endorsement Application**

Page: ____ of ____

1 Insured's Name:			14 Agency:		15 Agency Code:	
2 Street Address:			16 Address:			
3 City:	4 State:	5 Zip Code:	17 City:	18 State:	19 Zip Code:	
6 Phone Number:		7 Cell Phone Number:		20 Phone:		
8 Identification Number:	9 Identification Number Type:	10 Person Type:	21 Insured's Authorized Representative:			
11 Spouse's Name:	12 Spouse's Identification Number:	13 Policy Number:	_____ And Succeeding Crop Years.			

22 I understand the policy requirements and my responsibilities outlined in the Sprinkler Irrigated Rice Endorsement and Special Provisions. Specifically the required:

- (1) Characteristics for the inbred or hybrid rice to be planted, shall be an appropriate inbred or hybrid rice variety that is:
 - (a) adapted for growing conditions found in the southern U.S. rice growing regions and that is a short to medium season maturity variety or hybrid. Late season maturity varieties of rice are not eligible for insurance when sprinkler irrigation is being used;
 - (b) disease resistant to "blast" disease (pyricularia grisea). Varieties that are moderately resistant, moderately susceptible or susceptible to "blast" are not eligible to be insured under this Endorsement; and
 - (c) a rice variety that has the grain quality potential equal to U.S. No. 1 as established by the USDA Federal Grain Inspection Service.
- (2) Equipment to execute a sprinkler irrigation practice:
 - (a) with the capacity to deliver at least 7.5 gallons of water per minute per acre; and
 - (b) with the ability to complete one complete circle rotation per one 24-hour period and/or with the irrigation system capacity to ensure appropriate application uniformity over the irrigated areas in a timely fashion to meet the transpiration needs of rice.
- (3) Documentation that verifies:
 - (a) weekly inspections for nutrients, weeds, insects, and disease along with any action taken;
 - (b) fertilizer program executed; and
 - (c) irrigation practice, application events and amounts.
- (4) Planting Date and Late Planting: Planting dates are established by State. There is no late planting provision for sprinkler irrigated rice. Any rice planted under a sprinkler irrigation system after the stated final planting date is uninsurable.

I understand that the company may ask to view all the needed documentation outlined above to determine the eligibility of insurance. I understand that I must follow the stated good farming practices outlined in the Certification Form and the Crop Insurance Handbook. If the outlined farming practices are not followed or the documentation of the farming practices are not available for review, I understand that my insurance coverage may be denied and the crop deemed to be uninsurable.

23 Remarks

Form Standards – Endorsement Application (Continued)

24 Policy No: _____ Crop Year: _____ Date: _____ Page: _____ of _____

Good Farming Practice Requirements

- (1) As a producer of sprinkler irrigated rice, you must provide the company access to the equipment used to plant, care for, and harvest the crop, if requested.
- (2) Good farming practices are defined; therefore, they must be documented and available for review by the company at any time to determine insurability. The practices to be documented are:
 - (a) Weekly inspection for weeds, disease and other problems.
 - (i) If issues are detected, you must take immediate and appropriate actions to remedy the issues.
 - (ii) The actions taken shall be documented (dates and action taken) with field notes, photographs, etc.
 - (b) Planting date and conditions. The rice crop is to be planted in:
 - (i) A clean seedbed either by no till methods or following conventional tillage.
 - (ii) Good soil moisture or shall be irrigated immediately after planting to provide good soil moisture for rice germination.
 - (c) Planning and implementation of an effective weed control program.
 - (i) Dates and actions of the execution of the weed control program shall be recorded by a third-party agronomy scout or Certified Crop Advisor. The weed control program should include documentation of the schedule for herbicide treatment.
 - (ii) Fields shall be inspected weekly by a third-party agronomy scout or Certified Crop Advisor.
 - (A) Inspection records shall be kept by the third-party agronomy scout or Certified Crop Advisor.
 - (B) These records shall be made available to the company for the purposes of insurance adjustment or audit.
 - (iii) All herbicides shall be used according to EPA label requirements and any state and/or local requirements.
 - (d) Planning and implementation of an effective pesticide record keeping program.
 - (i) Dates and actions of the execution of the pesticide application and record keeping program shall be recorded by a third-party agronomy scout or Certified Crop Advisor.
 - (A) Fields shall be inspected weekly by a third-party agronomy scout or Certified Crop Advisor.
 - (B) Records of inspection must include the recommendation of pesticide, the date, rate, and circumstances of the application.
 - (ii) If a commercial applicator applies pesticides to the insured area, their application records shall be made available for the purposes of the insurance adjustment or audit.
 - (iii) All pesticides shall be used according to EPA label requirements and any state and/or local requirements.
 - (e) Planning and implementation of a fertilizer and nutrient management program.

Form Standards – Endorsement Application (Continued)

24 Policy No: _____ Crop Year: _____ Date: _____ Page: _____ of _____

- (i) The fertilizer and nutrient management strategy shall be based on soil testing and targeted yield goals.
- (ii) Fertilizer application timing should be determined by crop condition and growth stage as determined by a third-party agronomy scout or Certified Crop Advisor.
 - (A) Weekly inspection records shall document crop growth stage and crop condition related to fertility.
 - (B) These records shall be made available to the company, if requested, for the purposes of insurance adjustment or audit.
- (iii) If a commercial applicator is used for fertilizer application, their records shall be made available for the purposes of the insurance adjustment/auditor.
- (f) Planning and implementation of a disease control program.
 - (i) Dates and actions of the execution of a disease control program shall be recorded by a third-party agronomy scout or Certified Crop Advisor.
 - (A) Fields shall be inspected at least weekly by a third-party agronomy scout or Certified Crop Advisor.
 - (B) Inspection records shall be kept by a third-party agronomy scout or Certified Crop Advisor.
 - (C) These records shall be made available to the company for the purposes of insurance adjustment or audit.
 - (ii) If a commercial applicator applies fungicides to the insured area, their application records shall be made available for the purposes of the insurance adjustment or audit.
 - (iii) All fungicides shall be used according to EPA label requirements and any state and/or local requirements.
- (g) Planning and implementation of a water management program to meet the established evapotranspiration need of rice. You shall:
 - (i) Irrigate frequently, with light applications, to maintain appropriate water content in the effective root zone (i.e. top 6” – 8” of soil profile).
 - (A) The term “irrigate frequently” means that irrigation shall occur often enough to provide at least the minimum amount of water needed for normal growth; to include an accounting for rainfall and irrigation events so that soil water conditions in the effective root zone does not cause crop water stress on the rice being grown.
 - (B) In the event of a loss, the Company may use the irrigation logs, rainfall reports and information from county extension offices or other third party agricultural services to determine if the level of irrigation is sufficient to be considered a “good farming practice”.
 - (ii) Document irrigation applications. This documentation may be documented by a third-party agronomy scout, Certified Crop Advisor, or by digital means, such as flow meters or digital control panels purchased from the sprinkler equipment manufacturer.
 - (A) Documentation shall include: irrigation dates, irrigation depth applied for each application, and rainfall dates and amounts from planting to maturity; to include field notes for any irrigation event that did not irrigate the entire field.
 - (B) Documentation shall include: documentation of equipment inspection and water recommendations as recorded by a third-party agronomy scout or Certified Crop Advisor. For center pivot irrigation management, you should seek to keep the wheel tracks as dry as possible to minimize tire ruts and prevent the machine from getting stuck so that the proper application and timing are maintained during the growing season.
 - (C) Your irrigation management practice should prevent irrigation runoff.

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

Field Scouting Report Sample

RICE FIELD SCOUTING REPORT

DATE:		FIELD NAME:	
GROWTH STAGE:		PIVOT HOURS:	
SINCE LAST REPORT:		DATE OF LAST REPORT:	
IRRIGATION (mm/inch):		RAIN (mm/inch):	
		DATA REPORTED BY:	
FERTILIZER APPLIED			
MATERIAL	DATE	RATE (kg/Ha/oz/ac)	COMMENTS
HERBICIDE APPLIED			
MATERIAL	DATE	RATE (kg/Ha/oz/ac)	COMMENTS
FUNGICIDE APPLIED			
MATERIAL	DATE	RATE (kg/Ha/oz/ac)	COMMENTS
CURRENT CONDITIONS:			
WEEDS			
LOCATION	TYPE (SPECIES)	DENSITY (PLANTS/sq m/ sq ft)	AVERAGE WEED SIZE
A			
B			
C			
D			
E			
F			

Field Scouting Report Sample (Continued)

WHEEL TRACKS			
LOCATION	TOWER #	DEPTH (cm/inch)	COMMENTS
1			
2			
3			
4			
5			
6			

WATERMARKS			
LOCATION	DEPTH	READING	COMMENTS
AA			
AA			
BB			
BB			

N

↑

NOTE: SHOW PATH THROUGH FIELD AND INDICATE LOCATIONS OF WEEDS, WHEEL TRACKS AND OTHER NOTES LISTED ON FRONT OF SCOUTING FORM.

OTHER FIELD NOTES:

Custom Application Report Sample

Producer Name:
 Producer Address:
 City, State, Zip Code:

Custom Application Report

Date:
 Account Number:
 Terms:
 Balance: \$

Transaction	Invoice Date	Description	Amount
Preverbal		Previous balance forward	\$
Pay		Payment received Check #	-\$
Application	Time:	Temp:	
Date			
Humidity	Wind Dir:	Crop:	
Applied by:	Vehicle #:	Pest:	
Product	EPA Reg #	Rate/Acre	Total Appl
		Price	Total Cost
Fuel Surcharge		HR	\$
Application	Time:	Temp:	
Date			
Humidity	Wind Dir:	Crop:	
Applied by:	Vehicle #:	Pest:	
Product	EPA Reg #	Rate/Acre	Total Appl
		Price	Total Cost
Herbicide	GL	LB	AC
Application			\$
Fuel Surcharge		HR	\$
	OZ	GL	\$

Note: Your statement is for your pesticide records. You do not have to return with your payment.
 Thank you very much for your business.

Balance:

Alternate Custom Application Report Sample

Recommendation #1		Appl. Method		Rate		Amt needed for ____ acres
Field	Target Date	Area (acres)	Crop	D-A-P	Comments/Instructions	

Recommendation #2		Appl. Method		Rate		Amt needed for ____ acres
Field	Target Date	Area (acres)	Crop	D-A-P	Comments/Instructions	

Custom Application Log Sample**Custom Application Log**

Date _____

Customer's Name _____

Address _____

Was farmer or his/her representative present during application? Yes _____ No _____

Method of application: Pre-plant _____ Pre-emergence _____ Post-emergence _____

Applicator machine (Type and number) _____

Verified in good working condition? Yes _____ No _____ Inspector's Initials _____

Operator's name _____

Control problem(s): Weeds _____ Grass _____ Insects _____ Other _____

Chemicals used _____

Product name _____

Manufacturer's lot number(s) _____

Rate of application _____ per acre

Row spacing _____ inches

Band _____ Broadcast _____ Total chemicals used _____ Lb/Gal

Source of water used in spray: Tank wagon _____ Other _____

Soil condition: Good _____ Bad _____ Lumpy _____ Packed _____ Dusty _____ Muddy _____

Other _____

Moisture _____ Inches rainfall _____ days prior to application (up to 7 days)

Relative humidity on day of application _____ % High Temperature: _____ °F Low _____ °F

Wind direction (Circle): N NE E SE S SW W NW Miles per hour _____

Steady _____ Gusty _____ Calm _____

Date and time of application: Start _____ Finish _____

Speed of application equipment _____ MPH Speedometer operative: Yes _____ No _____

History: Last year's crop(s) on this land _____

Fertilizer/Herbicide treatment products and rate/acre _____

Recommendation for materials and rate made by: Dealer rep _____ Customer _____

Relative location of check strip in field receiving treatment: _____

I hereby verify the above is correct, to the best of my knowledge.

Operator's signature _____

Date _____

Crop Scouting Report Sample One

Crop Scouting Report

Recommendation #1		Appl. Method		Rate		Amt needed for ____ acres
Field	Target Date	Area (acres)	Crop	D-A-P	Comments/Instructions	

Recommendation #2		Appl. Method		Rate		Amt needed for ____ acres
Field	Target Date	Area (acres)	Crop	D-A-P	Comments/Instructions	

Crop Scouting Report Sample Two

Crop Scouting Report

FIELD	COMMENTS	RECOMMENDATION
DATE:		
Back	Rice looks good. We have a little bit of sheath blight in spots, a little worse on north end where we've got mostly three leaves left and a little bit with two leaves left. We should see a lot of boots next week, so I think we'll hold off a week; will probably spray the early part of next week for smuts, which this variety needs sprayed for, and we'll stop the sheath blight then. Should have at least a couple of leaves left on everything. A bit of nutgrass showing, and a little bit of grass showing. Other than that it looks good.	Keep irrigation practice ongoing.
Upper	Rice beginning to head out. Was supposed to have been sprayed earlier with a fungicide to help with kernel smut and stop any sheath blight that's in here.	Keep active irrigation on to help with blast.

DATE:		
Back	Around 75% headed. 10 to 12 bugs over double treatment. I would try to spray but it's up to you if you want to risk applying insecticide inside town.	If you want to spray the bugs, put on a 1.8 oz Karate or generic equivalent + 1% crop oil in at least 5 gallons of water in cool part of the day. Keep irrigation practice ongoing.
Upper	Rice looks pretty good. Early to mid -boot but this field is uneven; we'll have heads popping out in the next few days. Sheath blight is a little worse; some have just 3 leaves. With it being uneven, we may need to increase the fungicide rate a bit.	Put on 16 oz. Quilt Xcel + 3 oz. Tilt in 10 gallons of water in cool part of the day. Keep irrigation practice ongoing.

DATE:		
Back	Rice turning over. Around 5-6 bugs, not bad. Hopefully won't do too much damage.	Keep current irrigation practice ongoing.
Upper	Still less than 5% headed; very uneven. Did get fungicides put on a bit later than we expected, but should be in good shape. Sheath blight has really taken off, but that rate of fungicide should stop it until it gets headed out good.	Keep current irrigation practice ongoing.

Crop Scouting Report Sample Two (Continued)

FIELD	COMMENTS	RECOMMENDATION
DATE:		
Back	Rice is turned over. May be looking at stopping irrigation in about two weeks. We'll look at it a little bit later and see.	Keep irrigation running on for now.
Upper	Around 50% headed; very spotty. Not seeing very many bugs in field. We'll see what they look like next week.	Keep current irrigation practice ongoing.
DATE:		
Back	Rice headed out. Turning over. One bug	Keep current irrigation practice ongoing.
Upper	A lot of this field is done, getting pretty yellow, but there are still green spots in it.	Stop irrigation at the end of this week, around Aug 17.
DATE:		
Back	Mostly turned over, but it is uneven and a little bit behind. Very few bugs. Looking like we'll stop irrigation in about 10 to 14 days.	Keep sprinkler irrigation going for now.
DATE:		
Back	Rice turning yellow, beginning to fill out the bottom kernels. Very few bugs.	Stop irrigation next week.