

UofA

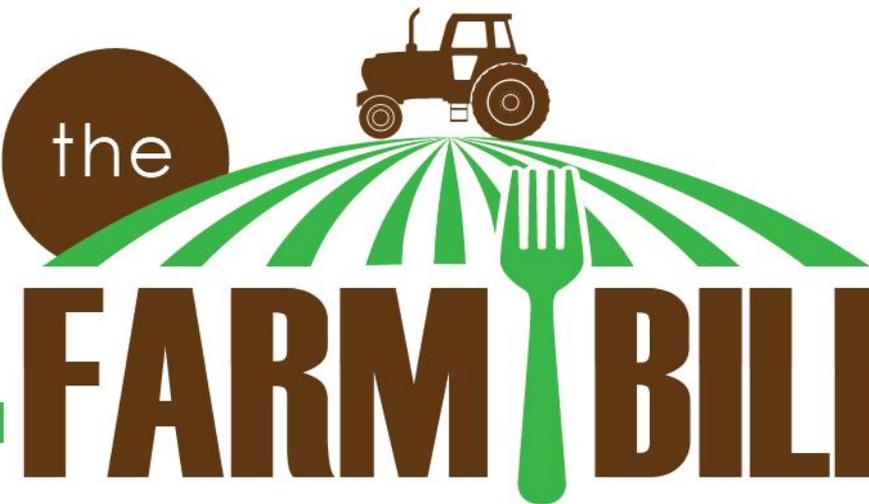
DIVISION OF AGRICULTURE
RESEARCH & EXTENSION

University of Arkansas System

FSA

FARM SERVICE AGENCY

Understanding the



2014 FARM BILL

The National Association of Agricultural and Food Policy (NAAFP) Farm Bill Decision Aid Walkthrough

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Objective of Presentation:

1. Show how to input farm data into the NAAFP decision aid
2. Show how to run the following decision aid tools:
 - a) Yield Update tool
 - b) Base Acre Reallocation and PLC/ARC tool

Example Farm:

A rice farm growing three crops:

- 1. Long Grain Rice**
- 2. Irrigated Soybeans**
- 3. Corn**

Finding the Decision Aid

Located on the U of A Cooperative Extension Website:

<http://www.uaex.edu/farm-ranch/economics-marketing/Farm-Bill/>

The 2014 Farm Bill



Farm Bill Webinar Dates, Registration, and Recordings ▼

Farm Service Agency (FSA) ▼

Farm Service Agency - ARC/PLC Programs

Two Farm Bill eTools Built to Help with Base Reallocation, Yield Updates, Price Loss Coverage (PLC) & Agricultural Risk Coverage (ARC) Decisions [Understanding the Farm Bill PDF](#)

1. National Association of Agricultural and Food Policy (NAAFP) led by the Agricultural Policy Research Institute (FAPRI) at the University of Missouri, and the Agricultural and Food Policy Center (AFPC) at Texas A&M University

- [Data Collection Form and Instructions](#)
- Farm Policy Minute

2. National Coalition for Producer Education (NCPE), led by the University of Illinois



Welcome to the *USDA/NAAFP Decision Aids*. Although the look and feel have changed, all your data are still available from the previous site. If you are new to the site, you can start by [Registering](#)

Login

Email Address 

Password 

[Forgot Password?](#)

Login

Register

Welcome to the [NAAFP](#) Decision Aids. This suite of integrated tools can help you make the choices required for participation in 2014 Farm Bill and for choices available under crop insurance.

To get started, you'll need to

Register

Disclaimer

This software is intended for educational use. It was developed solely to provide information so producers could better understand the economic implications of their choices under the 2014 Farm Bill. The Decision Aids use the most current NASS, FSA, and RMA information, and these values will be updated from time to time. The Decision Aid answers may differ from those of USDA agencies and insurance providers.

Create an Account

[Help!](#)

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The Decision Aid allows users to save their information as a service to the user. Users who do not want their data saved can delete it at any time. After signup is completed, FAPRI and AFPC researchers may aggregate the results of all decision aid users to evaluate the effectiveness of various program options at mitigating risk. No individual user's data will be disclosed.

By checking "I understand and agree", you acknowledge that projected outcomes generated by the software are for demonstration purposes, are not forecasts of future outcomes, and do not guarantee any future outcomes or results.

Your Name Email Address Password 

Confirm Password

Account Type

 Producer/Farmer Multi-client User

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 I understand and agree to the terms and disclaimer.[Next](#)

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Signed in successfully. X

Your Clients

Name	Email	Farm Units	
(Yourself)		0	Become Producer
Example Farm 1	brad1@uaex.edu	3	Switch to User
Example Farm 2	brad2@uaex.edu	0	Switch to User
Arkansas Rice	brad3@uaex.edu	5	Switch to User
Arkansas Rice Two	brad4@uaex.edu	5	Switch to User

A Multi-client user manages multiple accounts, called clients. To get started, you must first create a client. When you *Switch to User*, you become that user and all actions you take (such as creating farm units or running decision aid tools) occur as that user.

You can create as many clients as you want. Each client's data is separate. The client can later enter their own password to access the account.

Create a Client

Create Client Account

Client Name



Email Address



Rectangular Snip

Next

Need more help? Found a bug? [Contact Us](#)

© 2014 - 2015 [National Association of Agriculture and Food Policy](#)

Create Client Account

Client Name



farm 5

Email Address



bwati5@uaex.edu

Next

Need more help? Found a bug? [Contact Us](#)

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Your Clients

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Example Farm 1	brad1@uaex.edu	3	Switch to User
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Arkansas Rice Two	brad4@uaex.edu	5	Switch to User
farm 5	bwati5@uaex.edu	0	Switch to User

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Create a Client



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	+ New Farm Unit

Available Tools [Help!](#)

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

Base Acre Reallocation & PLC/ARC Decision Aid

This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

This tool calculates net revenue for alternative insurance choices available under the new Farm Bill and RMA.

We will Create a Farm Unit for each crop grown in our Rice Farm Example:

- 1. Long Grain Rice**
- 2. Irrigated Soybeans**
- 3. Corn**

Creating a Long Grain Rice Farm Unit



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
			+ New Farm Unit

Available Tools [Help!](#)

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New Farm Unit

Help!

Create one farm unit for each unique FSA number - crop - practice combination on your farming operation. To utilize the crop insurance tools, separate tracks or insurance units within a single FSA number.

Rectangular Snip

Yields & Base

Basis

Crop Insurance

2014 Insurance Policy

Future Acres

Save and enter yields

New Farm Unit

Help!

Create one farm unit for each unique FSA number - crop - practice combination on your farming operation. To utilize the crop insurance tools, separate tracks or insurance units within a single FSA number.

Farm Name Description

FSA # Crop

Administrative State Type

Administrative County Practice

Yields & Base

Counter Cyclical Yield lb/ac

2013 Base Acres

Basis

Harvest Time Basis \$/lb

Crop Insurance

Rate Yield

Approved APH Yield lb/ac

2014 Insurance Policy

Insurance

Coverage

Unit Structure

Future Acres

2014

2015

2016

2017

2018

Save and enter yields



created farm unit



Historical Yields for Arkansas Rice Farm Rice Irrigated FSA # 2

Help!

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="+ Add Farm Yield"/>
				<input type="button" value="Done Entering Yields"/>

Need more help? Found a bug? [Contact Us](#)

created farm unit

Historical Yields for Arkansas Rice Farm Rice Irrigated FSA # 2

Help!

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2008	7350	1549	0	<input type="button" value="+ Add Farm Yield"/>

Done Entering Yields

Need more help? Found a bug? [Contact Us](#)

created farm unit

Historical Yields for Arkansas Rice Farm Rice Irrigated FSA # 2

Help!

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2008	7350	1549	0	<input type="button" value="+ Add Farm Yield"/>

Done Entering Yields

Need more help? Found a bug? [Contact Us](#)



Historical Yields

Help!

Arkansas Rice Farm Rice Irrigated FSA # 2

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2008	7350.0	1549.0	0.0	Delete
2009	7310.0	1585.0	0.0	Delete
2010	7050.0	1190.0	105.0	Delete
2011	7600.0	1200.0	200.0	Delete
2012	8010.0	1175.0	0.0	Delete
2013	8100.0	1296.0	0.0	Delete
2014	8050.0	1296.0	0.0	Delete
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add Yield

Done Entering Yields



Historical Yields

Help!

Arkansas Rice Farm Rice Irrigated FSA # 2

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2008	7350.0	1549.0	0.0	Delete
2009	7310.0	1585.0	0.0	Delete
2010	7050.0	1190.0	105.0	Delete
2011	7600.0	1200.0	200.0	Delete
2012	8010.0	1175.0	0.0	Delete
2013	8100.0	1296.0	0.0	Delete
2014	8050.0	1296.0	0.0	Delete
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add Yield

Done Entering Yields



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
2	Arkansas Rice Farm	Long Grain Rice Irrigated	+ New Farm Unit Edit Yields

Available Tools [Help!](#)

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

Base Acre Reallocation & PLC/ARC Decision Aid

This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

This tool calculates net revenue for alternative insurance choices available under the new Farm Bill and RMA.

Creating an Irrigated Soybean Farm Unit



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
2	Arkansas Rice Farm	Long Grain Rice Irrigated	<div data-bbox="956 406 1168 464" data-label="Text">+ New Farm Unit</div> <div data-bbox="937 506 1033 549" data-label="Text">Edit</div> <div data-bbox="1052 506 1168 549" data-label="Text">Yields</div>

Available Tools

Help!

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

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This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

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New Farm Unit

[Help!](#)

Create one farm unit for each unique FSA number - crop - practice combination on your farming operation. To utilize the crop insurance tools, separate tracks or insurance units within a single FSA number.

Farm Name Description

FSA #

Crop

Administrative State

Type

Administrative County

Practice

Yields & Base

Counter Cyclical Yield

2013 Base Acres

Basis

Harvest Time Basis

Crop Insurance

Rate Yield

Approved APH Yield

2014 Insurance Policy

Policy Type

Coverage

Unit Structure

Future Acres

2014

2015

2016

2017

2018

Save and enter yields

New Farm Unit

Help!

Create one farm unit for each unique FSA number - crop - practice combination on your farming operation. To utilize the crop insurance tools, separate tracks or insurance units within a single FSA number.

Farm Name Description

FSA # Crop

Administrative State Type

Administrative County Practice

Yields & Base

Counter Cyclical Yield

2013 Base Acres

Basis

Harvest Time Basis

Crop Insurance

Rate Yield

Approved APH Yield

2014 Insurance Policy

Policy Type

Coverage

Unit Structure

Future Acres

2014

2015

2016

2017

2018

Historical Yields

Help!

Arkansas Rice Farm Soybeans Nfac (Irrigated) FSA # 2

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2008	45.0	1315.0	176.0	Delete
2009	47.0	1355.0	300.0	Delete
2010	50.0	1571.0	0.0	Delete
2011	44.0	1516.0	0.0	Delete
2012	53.0	1665.0	0.0	Delete
2013	55.0	1620.0	0.0	Delete
2014	60.0	1620.0	0.0	Delete
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add Yield

Done Entering Yields



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
			+ New Farm Unit
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit Yields

Available Tools

[Help!](#)

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

Base Acre Reallocation & PLC/ARC Decision Aid

This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

This tool calculates net revenue for alternative insurance choices available under the new Farm Bill and RMA.

Creating a Corn Farm Unit



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
			+ New Farm Unit
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit Yields

Available Tools

[Help!](#)

Yield Update

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New Farm Unit

[Help!](#)

Create one farm unit for each unique FSA number - crop - practice combination on your farming operation. To utilize the crop insurance tools, separate tracks or insurance units within a single FSA number.

Farm Name ?		Description ?	
<input type="text" value="Arkansas Rice Farm"/>		<input type="text" value="Corn"/>	
FSA # ?	Crop ?		
<input type="text" value="2"/>	<input type="text" value="Corn"/>		
Administrative State ?	Type ?		
<input type="text" value="Arkansas"/>	<input type="text" value="Grain Corn"/>		
Administrative County ?	Practice ?		
<input type="text" value="Arkansas"/>	<input type="text" value="Irrigated"/>		

Yields & Base	Crop Insurance	Future Acres ?
Counter Cyclical Yield ? <input type="text" value="0"/> bu/ac	Rate Yield ? <input type="text" value="198"/>	2014 <input type="text" value="324"/>
2013 Base Acres ? <input type="text" value="0"/>	Approved APH Yield ? <input type="text" value="198"/> bu/ac	2015 <input type="text" value="324"/>
Basis	2014 Insurance Policy	2016 <input type="text" value="324"/>
Harvest Time Basis ? <input type="text" value="0"/> \$/bu	Insurance <input type="text" value="Revenue Protection"/>	2017 <input type="text" value="324"/>
	Coverage ? <input type="text" value="65%"/>	2018 <input type="text" value="324"/>
	Unit Structure ? <input type="text" value="Enterprise"/>	

[Save and enter yields](#)

New Farm Unit

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Farm Name Description

FSA #

Crop

Administrative State

Type

Administrative County

Practice

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Counter Cyclical Yield bu/ac

2013 Base Acres

Basis

Harvest Time Basis \$/bu

Crop Insurance

Rate Yield

Approved APH Yield bu/ac

2014 Insurance Policy

Insurance

Coverage

Unit Structure

Future Acres

2014

2015

2016

2017

2018

Save and enter yields



Historical Yields

Help!

Arkansas Rice Farm Corn Irrigated FSA # 2

Enter yields for 10 or more years to get the full benefit of the insurance analysis capabilities of the decision aid. Yield risk for the crop will not be representative of actual variability if only yields for 2008-2012 are entered.

Year	Actual Yield / Planted Acre	Planted Acres	Prevented Planted Acres	
2010	175.0	375.0	0.0	Delete
2011	160.0	524.0	0.0	Delete
2012	215.0	400.0	0.0	Delete
2013	235.0	324.0	0.0	Delete
2014	210.0	324.0	0.0	Delete
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add Yield

Done Entering Yields



farm 5's Farm Units

FSA #	Farm Name	Crop Practice		
			+ New Farm Unit	
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit	Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit	Yields
2	Arkansas Rice Farm	Grain Corn Irrigated	Edit	Yields

Available Tools [Help!](#)

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Yield Update Tool



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	
			+ New Farm Unit
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit Yields
2	Arkansas Rice Farm	Grain Corn Irrigated	Edit Yields

Available Tools

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Verify Your Data

[Help!](#)

Your 2013 CC yields and actual yields per planted acre for 2008 through 2012 for your state-FSA#-crop-practice combinations are presented below. It is important that these data are correct. Please verify the data below, so yield update calculations are correct.

FSA# 2

Crop	Farm	2013 CC Yield	2008	2009	2010	2011	2012
Grain Corn	Arkansas Rice Farm	79.0			175.0	160.0	215.0
Soybeans	Arkansas Rice Farm	48.0	45.0	47.0	50.0	44.0	53.0
Long Grain Rice	Arkansas Rice Farm	5940.0	7350.0	7310.0	7050.0	7600.0	8010.0

Whole Farm Yields

FSA #	Crop	2008	2009	2010	2011	2012
2	Grain Corn			175.0	160.0	215.0
2	Soybeans	45.0	47.0	50.0	44.0	53.0
2	Long Grain Rice	7350.0	7310.0	7050.0	7600.0	8010.0

Information is correct

Verify Your Data

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Your 2013 CC yields and actual yields per planted acre for 2008 through 2012 for your state-FSA#-crop-practice combinations are presented below. It is important that these data are correct. Please verify the data below, so yield update calculations are correct.

FSA# 2

Crop	Farm	2013 CC Yield	2008	2009	2010	2011	2012
Grain Corn	Arkansas Rice Farm	79.0			175.0	160.0	215.0
Soybeans	Arkansas Rice Farm	48.0	45.0	47.0	50.0	44.0	53.0
Long Grain Rice	Arkansas Rice Farm	5940.0	7350.0	7310.0	7050.0	7600.0	8010.0

Whole Farm Yields

FSA #	Crop	2008	2009	2010	2011	2012
2	Grain Corn			175.0	160.0	215.0
2	Soybeans	45.0	47.0	50.0	44.0	53.0
2	Long Grain Rice	7350.0	7310.0	7050.0	7600.0	8010.0

Information is correct

Yield Update Decision Aid

[Print](#) [Download](#) [Help!](#)

The Decision Aid has calculated the PLC payment yield given the historical yields provided for each crop. Throughout the rest of the Decision Aid, PLC payments will be calculated assuming the higher of the two yields.

Arkansas FSA# 2
Grain Corn

2013 CC Yield	79
PLC Yield can be updated to	165

Arkansas FSA# 2
Soybeans

2013 CC Yield	48
PLC Yield can be updated to	43

Arkansas FSA# 2
Long Grain Rice

2013 CC Yield	5940
PLC Yield can be updated to	6718

Yield Update Decision Aid

[Print](#)[Download](#)[Help!](#)

The Decision Aid has calculated the PLC payment yield given the historical yields provided for each crop. Throughout the rest of the Decision Aid, PLC payments will be calculated assuming the higher of the two yields.

Arkansas FSA# 2
Grain Corn

2013 CC Yield

79

PLC Yield can be updated to

165

Arkansas FSA# 2
Soybeans

2013 CC Yield

48

PLC Yield can be updated to

43

Arkansas FSA# 2
Long Grain Rice

2013 CC Yield

5940

PLC Yield can be updated to

6718



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	+ New Farm Unit
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit Yields
2	Arkansas Rice Farm	Grain Corn Irrigated	Edit Yields

Available Tools

[Help!](#)

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

Base Acre Reallocation & PLC/ARC Decision Aid

This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

This tool calculates net revenue for alternative insurance choices available under the new Farm Bill and RMA.

Base Acre Reallocation and PLC/ARC Decision Aid Tool



farm 5's Farm Units

FSA #	Farm Name	Crop Practice	+ New Farm Unit	
2	Arkansas Rice Farm	Long Grain Rice Irrigated	Edit	Yields
2	Arkansas Rice Farm	Commodity Soybeans Nfac (Irrigated)	Edit	Yields
2	Arkansas Rice Farm	Grain Corn Irrigated	Edit	Yields

Available Tools

Help!

Yield Update

This tool calculates values for PLC yields using yield histories for your units listed on the left.

Base Acre Reallocation & PLC/ARC Decision Aid

This tool helps you decide whether to reallocate your base acres and whether to choose PLC, ARC-C, or ARC-I for each farm unit based on your data.

Life of Farm Bill Insurance

This tool calculates net revenue for alternative insurance choices available under the new Farm Bill and RMA.

Your Data

Your current base acres, planted acres history, and prevented planting history for 2009 through 2012 are presented below. It is vital that this information is correct and complete, or the reallocated base acres will not be calculated correctly.

Arkansas FSA # 2

Planted Acres History

	2009	2010	2011	2012
Long Grain Rice	1585.0	1190.0	1200.0	1175.0
Grain Corn	0.0	375.0	524.0	400.0
Soybeans	1355.0	1571.0	1516.0	1665.0

Prevented Planting History

	2009	2010	2011	2012
Long Grain Rice	0.0	105.0	200.0	0.0
Grain Corn	0.0	0.0	0.0	0.0
Soybeans	300.0	0.0	0.0	0.0

Base Acres

	Current Base	Potential Reallocated Base
Long Grain Rice	1620.0	1342.9
Grain Corn	0.0	319.8
Soybeans	1620.0	1577.3

Verify Data

It is vital that the Current Base Acres and Planting History above is correct and complete, or the reallocated base acres will not be calculated correctly, and the analysis will be invalid.

Information is correct

Your Price Outlook ?

Help!

Please enter the expected annual commodity prices that you want to use in your analysis. You must complete all spaces in the form below before you can proceed. FAPRI and USDA price projections are provided for your convenience.

Long Grain Rice			
	FAPRI	USDA	in \$/lb
2014	0.1220	0.1220	<input type="text"/>
2015	0.1242	0.1250	<input type="text"/>
2016	0.1247	0.1270	<input type="text"/>
2017	0.1253	0.1300	<input type="text"/>
2018	0.1263	0.1340	<input type="text"/>

Grain Corn			
	FAPRI	USDA	in \$/bu
2014	3.6100	3.6500	<input type="text"/>
2015	3.8700	3.4000	<input type="text"/>
2016	3.9100	3.5000	<input type="text"/>
2017	3.9600	3.5000	<input type="text"/>
2018	4.0900	3.5000	<input type="text"/>

Soybeans			
	FAPRI	USDA	in \$/bu
2014	10.0300	10.2000	<input type="text"/>
2015	9.2700	8.5000	<input type="text"/>
2016	9.5600	8.5500	<input type="text"/>
2017	9.9300	8.8000	<input type="text"/>
2018	10.3000	9.1000	<input type="text"/>

Your County Yield Outlook ?

If you want the analysis to assume a particular 2014 county yield is realized with certainty, enter it below. Leave it blank to simulate the county yield over numerous possible realizations, with an average realization equal to the value in the *Projected 2014* column.

	2009	2010	2011	2012	2013	Projected 2014	Realized 2014 <small>(optional)</small>	2014 Yield Calculation	Change from 2013
Long grain rice in Arkansas, Arkansas (lb/ac)	7390	7340	7604	8272	8595	8158	<input type="text"/>	Simulated	-5.1 %
Grain corn in Arkansas, Arkansas (bu/ac)	160	172	160	189	200	181	<input type="text"/>	Simulated	-9.6 %
Soybeans in Arkansas, Arkansas (bu/ac)	45	43	44	50	51	49	<input type="text"/>	Simulated	-3.5 %

Analyze program options using FAPRI price projections

Your Price Outlook

Help!

Please enter the expected annual commodity prices that you want to use in your analysis. You must complete all spaces in the form below before you can proceed. FAPRI and USDA price projections are provided for your convenience.

Long Grain Rice

FAPRI USDA in \$/lb

2014	0.1220	0.1220	<input type="text"/>
2015	0.1242	0.1250	<input type="text"/>
2016	0.1247	0.1270	<input type="text"/>
2017	0.1253	0.1300	<input type="text"/>
2018	0.1263	0.1340	<input type="text"/>

Grain Corn

FAPRI USDA in \$/bu

2014	3.6100	3.6500	<input type="text"/>
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Soybeans

FAPRI USDA in \$/bu

2014	10.0300	10.2000	<input type="text"/>
2015	9.2700	8.5000	<input type="text"/>
2016	9.5600	8.5500	<input type="text"/>
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Your Price Outlook

Help!

Please enter the expected annual commodity prices that you want to use in your analysis. You must complete all spaces in the form below before you can proceed. FAPRI and USDA price projections are provided for your convenience.

Long Grain Rice				Grain Corn				Soybeans			
	FAPRI	USDA	in \$/lb		FAPRI	USDA	in \$/bu		FAPRI	USDA	in \$/bu
2014	0.1220	0.1220	<input type="text" value="0.1220"/>	2014	3.6100	3.6500	<input type="text" value="3.6100"/>	2014	10.0300	10.2000	<input type="text" value="10.0300"/>
2015	0.1242	0.1250	<input type="text" value="0.1242"/>	2015	3.8700	3.4000	<input type="text" value="3.8700"/>	2015	9.2700	8.5000	<input type="text" value="9.2700"/>
2016	0.1247	0.1270	<input type="text" value="0.1247"/>	2016	3.9100	3.5000	<input type="text" value="3.9100"/>	2016	9.5600	8.5500	<input type="text" value="9.5600"/>
2017	0.1253	0.1300	<input type="text" value="0.1253"/>	2017	3.9600	3.5000	<input type="text" value="3.9600"/>	2017	9.9300	8.8000	<input type="text" value="9.9300"/>
2018	0.1263	0.1340	<input type="text" value="0.1263"/>	2018	4.0900	3.5000	<input type="text" value="4.0900"/>	2018	10.3000	9.1000	<input type="text" value="10.3000"/>

Your Price Outlook ?

Help!

Please enter the expected annual commodity prices that you want to use in your analysis. You must complete all spaces in the form below before you can proceed. FAPRI and USDA price projections are provided for your convenience.

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	FAPRI	USDA	In \$/lb
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2016	0.1247	0.1270	<input type="text" value="0.1247"/>
2017	0.1253	0.1300	<input type="text" value="0.1253"/>
2018	0.1263	0.1340	<input type="text" value="0.1263"/>

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2016	3.9100	3.5000	<input type="text" value="3.9100"/>
2017	3.9600	3.5000	<input type="text" value="3.9600"/>
2018	4.0900	3.5000	<input type="text" value="4.0900"/>

Soybeans			
	FAPRI	USDA	In \$/bu
2014	10.0300	10.2000	<input type="text" value="10.0300"/>
2015	9.2700	8.5000	<input type="text" value="9.2700"/>
2016	9.5600	8.5500	<input type="text" value="9.5600"/>
2017	9.9300	8.3000	<input type="text" value="9.9300"/>
2018	10.3000	9.1000	<input type="text" value="10.3000"/>

Your County Yield Outlook ?

If you want the analysis to assume a particular 2014 county yield is realized with certainty, enter it below. Leave it blank to simulate the county yield over numerous possible realizations, with an average realization equal to the value in the Projected 2014 column.

	2009	2010	2011	2012	2013	Projected 2014	Realized 2014 (input)	2014 Yield Calculation	Change from 2013
Long grain rice in Arkansas, Arkansas (lb/ac)	7390	7340	7604	8272	8595	8158	<input type="text"/>	Simulated	-5.1 %
Grain corn in Arkansas, Arkansas (bu/ac)	160	172	160	189	200	181	<input type="text"/>	Simulated	-9.6 %
Soybeans in Arkansas, Arkansas (bu/ac)	45	43	44	50	51	49	<input type="text"/>	Simulated	-3.5 %

FAPRI Prices provided as of 2013-2

Analyze Program Options

Processing

This page will refresh automatically when the results are ready. Most results are available in seconds, but large farms could take a few minutes. If you do not get a response in a timely manner, try hitting  Refresh or [let us know](#) if the problem persists.

Need more help? Found a bug? [Contact Us](#) | [Cambiar a español](#)



Types of Output From the Decision Aid

Base Acre Reallocation Analysis

Base Reallocation Considerations

Need help interpreting this information? Try our [Youtube video](#)

Total (2014-2018) Expected Payments or Expected Net Indemnity by Farm Program Option

Crop	Reallocate Base	ARC-CO		PLC		PLC + SCO	
		Yes	No	Yes	No	Yes	No
Long Grain Rice		\$247,415	\$298,463	\$859,106	\$1,036,361	\$900,435	\$1,077,690
Grain Corn		\$64,829	\$0	\$51,620	\$0	\$61,903	\$10,284
Soybeans		\$144,542	\$148,456	\$54,824	\$56,308	\$84,454	\$85,938

Combinations of ARC-CO, PLC, and PLC+SCO to Maximize Total Payments for the Farm

Crop	Reallocate Base		No Reallocate Base	
	Program	Expected Payment	Program	Expected Payment
Long Grain Rice	PLC + SCO	\$900,435	PLC + SCO	\$1,077,690
Grain Corn	ARC-CO	\$64,829	PLC + SCO	\$10,284
Soybeans	ARC-CO	\$144,542	ARC-CO	\$148,456
	Total	\$1,109,806	Total	\$1,236,430

Per Crop Analysis Using “Stoplight” Graph

Long Grain Rice

Grain Corn

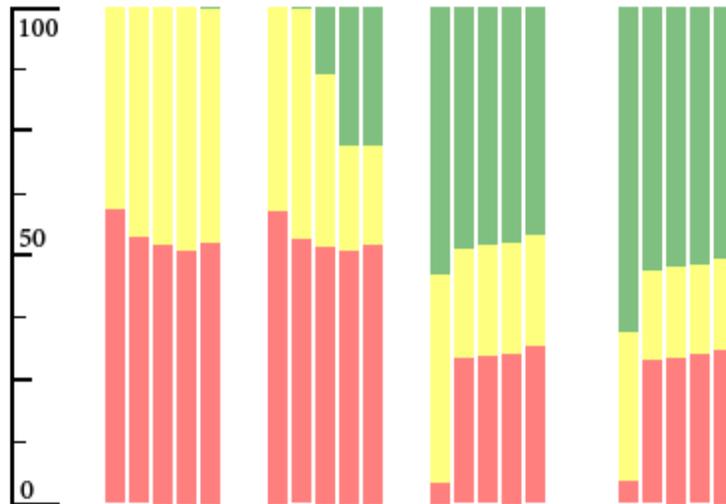
Soybeans

The following chart shows annual expected payments for each year (2014-2108).

The scenario with the least red and most green will minimize payment risk. The rule is: **Red** is bad, **Green** is good.

Program	ARC-CO	ARC-CO	PLC + SCO	PLC + SCO
Reallocate Base ?	Yes	No	Yes	No

- Chance that the expected payment is greater than \$161,803
- Chance that the expected payment is between \$10,264 and \$161,803
- Chance that the expected payment is less than \$10,264



Long Grain Rice

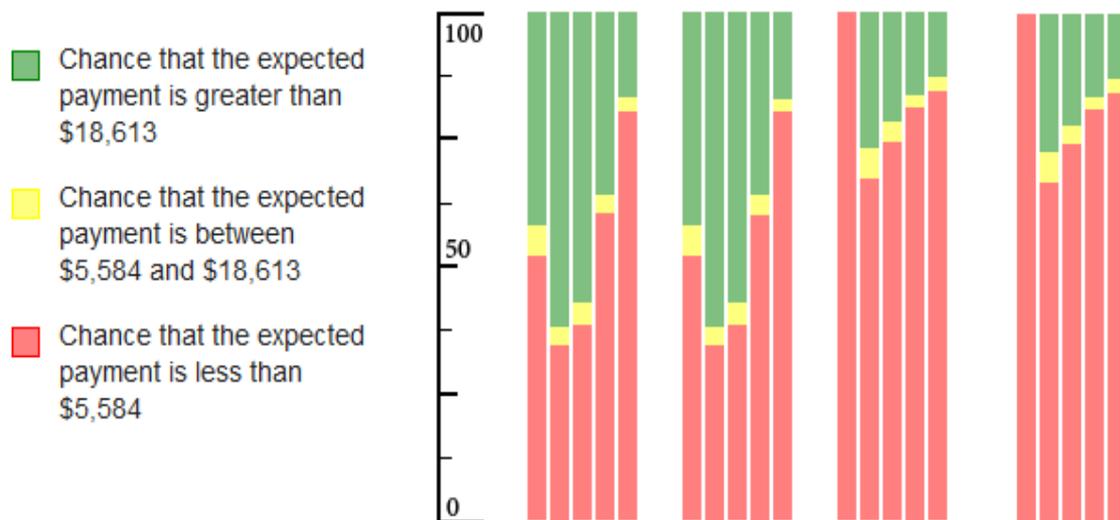
Grain Corn

Soybeans

The following chart shows annual expected payments for each year (2014-2108).

The scenario with the least red and most green will minimize payment risk. The rule is: **Red** is bad, **Green** is good.

Program	ARC-CO	ARC-CO	PLC + SCO	PLC + SCO
Reallocate Base ?	Yes	No	Yes	No



Per Crop Analysis Looking at Expected Payments per Year

Long Grain Rice

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						◀ Show Details
Expected Payment		\$29,013	\$50,603	\$55,096	\$57,498	\$55,206	\$247,415
ARC-CO	No						◀ Show Details
Expected Payment		\$34,999	\$61,043	\$66,463	\$69,362	\$66,596	\$298,463
PLC	Yes						◀ Show Details
Expected Payment 		\$167,526	\$177,230	\$174,848	\$172,093	\$167,409	\$859,106
PLC	No						◀ Show Details
Expected Payment 		\$202,091	\$213,797	\$210,923	\$207,600	\$201,950	\$1,036,361
SCO	N/A						
Expected Net Indemnity		\$0	\$10,264	\$10,290	\$10,355	\$10,420	\$41,329
PLC + SCO	Yes						
Expected Payment + Net Indemnity		\$167,526	\$187,495	\$185,138	\$182,448	\$177,829	\$900,435
PLC + SCO	No						
Expected Payment + Net Indemnity		\$202,091	\$224,062	\$221,214	\$217,955	\$212,369	\$1,077,690

Per Crop Analysis Looking at Payment Probabilities per Year

Long Grain Rice

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						◀ Show Details
Expected Payment		\$29,013	\$50,603	\$55,096	\$57,498	\$55,206	\$247,415
ARC-CO	No						◀ Show Details
Expected Payment		\$34,999	\$61,043	\$66,463	\$69,362	\$66,596	\$298,463
PLC	Yes						◀ Show Details
Expected Payment 		\$167,526	\$177,230	\$174,848	\$172,093	\$167,409	\$859,106
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Long Grain Rice

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						▼ Hide Details
Expected Payment		\$29,013	\$50,603	\$55,096	\$57,498	\$55,206	\$247,415
Probability of Payment		44%	48%	50%	50%	48%	
25% of Payments		≤ \$0	≤ \$0	≤ \$0	≤ \$0	≤ \$0	
25% of Payments		≥ \$51,677	≥ \$128,292	≥ \$132,123	≥ \$135,048	≥ \$134,743	
5% of Payments		≥ \$125,412	≥ \$131,505	≥ \$136,327	≥ \$140,251	≥ \$142,070	
ARC-CO	No						◀ Show Details
Expected Payment		\$34,999	\$61,043	\$66,463	\$69,362	\$66,596	\$298,463
PLC	Yes						◀ Show Details
Expected Payment ▲		\$167,526	\$177,230	\$174,848	\$172,093	\$167,409	\$859,106
PLC	No						◀ Show Details
Expected Payment ▲		\$202,091	\$213,797	\$210,923	\$207,600	\$201,950	\$1,036,361
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Long Grain Rice

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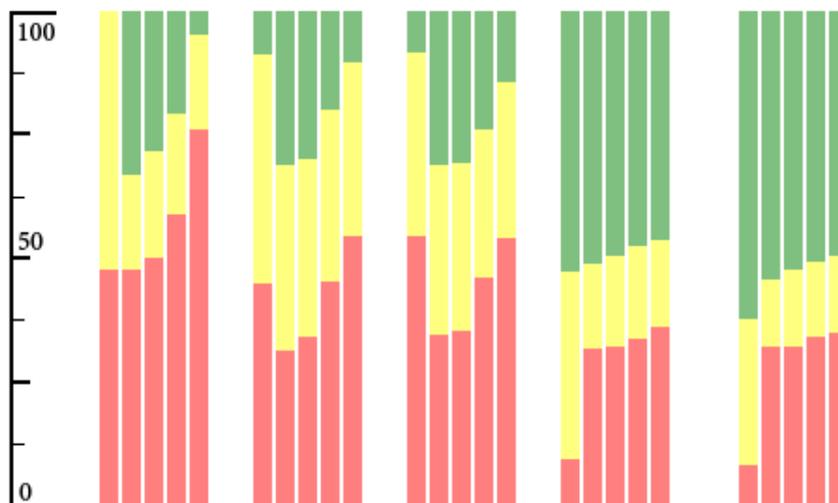
Looking at Same Program for All Crops, Stoplight Graph

The following chart shows annual expected payments for each year (2014-2018) if you make the same choices across all crops in FSA # 2.

The scenario with the least red and most green will minimize payment risk. The rule is: **Red** is bad, **Green** is good.

Program	ARC-IC	ARC-CO	ARC-CO	PLC + SCO	PLC + SCO
Reallocate Base ?	N/A	Yes	No	Yes	No

- Chance that the total annual payment is greater than \$172,757
- Chance that the total annual payment is between \$51,827 and \$172,757
- Chance that the total payment is less than \$51,827



Looking at Same Program for All Crops, Expected Returns Per Year

The following table shows expected payments or SCO net indemnities if you make the same choices across all crops in FSA # 2.

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-IC	N/A						◀ Show Details
Expected Payment		\$69,462	\$83,503	\$78,842	\$64,623	\$33,145	\$329,576
ARC-CO	Yes	\$73,838	\$112,792	\$110,673	\$89,254	\$70,228	\$456,786
ARC-CO	No	\$59,341	\$107,107	\$108,801	\$94,270	\$77,401	\$446,920
PLC ⚠	Yes	\$178,791	\$208,277	\$200,976	\$193,897	\$183,608	\$965,549
PLC ⚠	No	\$202,091	\$233,894	\$226,636	\$219,711	\$210,337	\$1,092,669
SCO Expected Net Indemnity	N/A	\$0	\$19,809	\$20,072	\$20,461	\$20,901	\$81,243
PLC + SCO	Yes	\$178,791	\$228,086	\$221,048	\$214,358	\$204,510	\$1,046,792
PLC + SCO	No	\$202,091	\$253,703	\$246,708	\$240,171	\$231,238	\$1,173,912