

NAAFP Farm Bill Decision Aid

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National Association for Agriculture and Food Policy
(NAAFP)

Salt Lake City, Utah
November 11, 2014



NAAFP Decision Aid

- National Association of Agriculture and Policy (NAAFP) has been working on the decision aid for more about 2 years. NAAFP is led by
 - AFPC at Texas A&M
 - FAPRI at University of Missouri-Columbia
- Applied for and received funding from USDA-FSA to develop a nation-wide decision aid
- Available at: <https://USDA.afpc.tamu.edu>
- And at: www.afpc.tamu.edu



Overview of NAAFP Farm Bill Decision Aid

- Register as a producer or a multi-client user
 - Email address and password protect your data
 - Email address allows us to contact user when FSA changes rules and when new price projections are available
- Enter data for all of the farm's FSA Numbers
 - All Crops and their Practices by Type
 - Types not critical to FSA but important to RMA for SCO, STAX, and Insurance Decisions
- Types of Analyses
 - Yield update
 - Base reallocation
 - ARC-IC, ARC-CO, PLC, SCO
 - STAX and SCO for cotton
 - Insurance options (Y, RP, RP-HPE, CAT, None)



Overview of NAAFP Farm Bill Decision Aid

- Producers' data are stored in the decision aid
 - Data accessed by a user name and password
 - Secured behind Texas A&M firewall, along with student grades and records
- Producers can enter their data, run for alternative prices as updated by FAPRI monthly
 - Yield Update Decision
 - Next analyze the interaction between Base Reallocation and PLC and ARC-CO Election
 - Before final election, farmers can re-run the analysis for March price outlook
 - Run Insurance Analysis annually for next 5 years



Information Needed for the NAAFP Decision Aid

- Information available from two primary sources
 - FSA Reported Commodity Crop History Summary (letter from FSA to producers, August 2014)
 - FSA farm number
 - Base Acres and CCP Yield for covered crops
 - Crop Insurance Actual Production Report
 - Historical yields and planted acres
 - Ten years of yields preferred but 2008-2012 are essential



NAAFP Information Sheet

Montana Wheat – Unit 1

Crop Information Worksheet for Each Farm Unit in the Decision Aid

State/County	Chouteau, Montana			Chouteau, Montana			Chouteau, Montana		
FSA Number	62			62			62		
Crop Name	Winter Wheat – Summer Fallow			Spring Wheat – Continuous			Winter Barley – Dryland		
CC Payment Yield ¹	42.7			42.7			42		
Base Acres ¹	612			0			336		
Rate Yield for Insurance	46			36			0		
APH Yield	50			40			0		
Harvest Time Basis	0			0			0		
Current Insurance Y, RP, RP-HPE, CAT ²	RP			RP			None		
Coverage Level	75			75					
Enterprise/Optional	Optional			Optional					
Planted Acres in									
2014	480			240			0		
2015	480			240			0		
2016	480			240			0		
2017	480			240			0		
2018	480			240			0		
Historical Data³	Yield	Plt Acre⁴	PP Acre⁴	Yield	Plt Acre⁴	PP Acre⁴	Yield	Plt Acre⁴	PP Acre⁴
2003	57	480		23	240				
2004	52	480		29	240				
2005	51	480		33	240				
2006	56	480		26	240				
2007	45	480		25	240				
2008	51	480		32	240				
2009	41	480		21	240				
2010	54	480		41	240				
2011	56	480		35	240				
2012	49	480		40	240				
2013	53	480		39	240				

¹ CC Yield and Base Acres in the FSA form “Reported Commodity Crop History Summary” mailed to producers in August.

² Y – yield insurance, RP – revenue insurance, RP-HPE – revenue protection with harvest price exclusion, CAT – catastrophic insurance.

³ Yield history available on crop insurance forms or farm records. Yields for 2008-2012 are used to update payment yields. Yields for 2004-2007 are used to appropriately incorporate yield risk in program participation and insurance decisions. Planted acres for 2009-2012 are used for base acre reallocation.

⁴ Plt Acre – planted acres, PP Acre – prevented planted acres

Accessibility and Training

- Accessible by smart phones, tablets, iPads, anything that can access the internet
- Helpdesk 7am to 7pm weekdays @ 844-229-7373
- **Regional Training Meetings**
 - NAAFP Sponsored Meetings
 - Salt Lake City Nov 10th
 - Salt Lake City Nov 11th hands on Workshop NAAFP decision aid
 - University of Illinois Sponsored Meetings
 - Indianapolis November 17th
 - Omaha December 10th



Summary

- Decision Aid available on AFPC website
 - More than 7,000 users
- Features all 21 covered commodities in all states
- Can Expect the following enhancements
 - STAX and SCO for cotton shortly
 - Generic base analyzer for cotton producers
 - Monthly updates of price projections by FAPRI
 - USDA price projection updates as available
 - Tool will be updated as FSA revises rules
 - Users will be notified by their email addresses
 - Will print FSA forms for sign-up for
 - Base reallocation and yield update
 - ARC and PLC decisions



Summary

- Evaluation for this meeting
- You will receive an email with the URL below
- Please click the URL and fill out the evaluation form
- It will only take 2 minutes
- November 10 Evaluation -
<https://docs.google.com/forms/d/1N9Q1UIxA9Ev5K5H0lsvl3vdBI-JAihy1QVUG2jgnyXA/viewform>
- November 11 Evaluation -
https://docs.google.com/forms/d/1IVk9jfuci_JbATo-O3X6BV05c9vDLpobly2-Lm-jTaQ/viewform



Questions??

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Visit our Website
WWW.AFPC.TAMU.EDU

for Podcasts on the
farm program and
the Decision Aid



First Step Is to Register

USDA
Logo

United States Department of Agriculture
Farm Service Agency

AFPC
Texas A&M University

Decision Aids

FAPRI
University of Missouri

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→ Login

Signed out successfully.



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

Terms and 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.



Producer vs. Multi Client User

Create an Account

[Help!](#)

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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

Terms and Disclaimer

I understand and agree to the terms and disclaimer.

[Next](#)

Create Client Records & Switch Clients

Home

Clients

About Us

Salt Lake City Demo ▾

Your 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.

Farm Bill 2014 Insurance

This tool calculates net revenue for alternative insurance choices available through the 2014 Farm Bill and RMA.



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

Crop Insurance

Rate Yield

Approved APH Yield

Future Acres

2014

2015

2016

2017

2018

Basis

Harvest Time Basis

2014 Insurance Policy

Insurance

Coverage

Unit Structure

Save and enter yields



Edit 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="Home place"/>	<input type="text" value="owned land"/>

FSA # ?	Crop ?
<input type="text" value="62"/>	<input type="text" value="Wheat"/>

Administrative State ?	Type
<input type="text" value="Montana"/>	<input type="text" value="Winter Wheat"/>

Administrative County ?	Practice ?
<input type="text" value="Chouteau"/>	<input type="text" value="Continuous Cropping"/>

Yields & Base

Counter Cyclical Yield ?
<input type="text" value="42.70"/> bu/ac
2013 Base Acres ?
<input type="text" value="612.00"/>

Basis

Harvest Time Basis ?
<input type="text" value="0.0"/> \$/bu

Crop Insurance

Rate Yield ?
<input type="text" value="46.00"/> bu/ac
Approved APH Yield ?
<input type="text" value="50.00"/> bu/ac

2014 Insurance Policy

Insurance
<input type="text" value="Revenue Protection"/>
Coverage ?
<input type="text" value="75%"/>
Unit Structure ?
<input type="text" value="Optional"/>

Future Acres ?

2014
<input type="text" value="480.0"/>
2015
<input type="text" value="480.0"/>
2016
<input type="text" value="480.0"/>
2017
<input type="text" value="480.0"/>
2018
<input type="text" value="480.0"/>



Historical Yields for Home place Wheat Continuous Cropping FSA # 62

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	
2003	57.0	480.0	0.0	Delete
2004	52.0	480.0	0.0	Delete
2005	51.0	480.0	0.0	Delete
2006	56.0	480.0	0.0	Delete
2007	45.0	480.0	0.0	Delete
2008	51.0	480.0	0.0	Delete
2009	41.0	480.0	0.0	Delete
2010	54.0	480.0	0.0	Delete
2011	56.0	480.0	0.0	Delete
2012	49.0	480.0	0.0	Delete
2013	53.0	480.0	0.0	Delete
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add Farm Yield



Farm with Six Crops on Two FSA Nos.

Montana Wheat's Farm Units

FSA #	Farm Name	Crop Practice	
62	Home place	Winter Wheat Summerfallow	Edit Yields
62	Home place	Winter Barley Non-Irrigated	Edit Yields
62	Home place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Winter Barley Non-Irrigated	Edit Yields
713	Smith Place	Winter Wheat Summerfallow	Edit Yields

[+ 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

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Yield Update Analyzer

Home Clients

About Us Montana Wheat ▾

Montana Wheat's Farm Units

FSA #	Farm Name	Crop Practice	
62	Home place	Winter Wheat Summerfallow	Edit Yields
62	Home place	Winter Barley Non-Irrigated	Edit Yields
62	Home place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Winter Barley Non-Irrigated	Edit Yields
713	Smith Place	Winter Wheat Summerfallow	Edit Yields

[+ New Farm Unit](#)

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Yield Update Analyzer

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# 713

Crop	Farm	2013 CC Yield	2008	2009	2010	2011	2012
Wheat	Smith Place	42.7	31.0	24.0	39.0	32.0	41.0
Wheat	Smith Place	42.7	52.0	40.0	56.0	54.0	49.0
Barley	Smith Place	42.0					

FSA# 62

Crop	Farm	2013 CC Yield	2008	2009	2010	2011	2012
Wheat	Home place	42.7	51.0	41.0	54.0	56.0	49.0
Wheat	Home place	42.7	32.0	21.0	41.0	35.0	40.0
Barley	Home place	42.0					

Information is correct



Yield Update Analyzer

Yield Update Decision Aid

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.

Montana FSA# 713
Wheat

2013 CC Yield	43
PLC Yield can be updated to	40

Montana FSA# 62
Wheat

2013 CC Yield	43
PLC Yield can be updated to	40

Montana FSA# 62
Barley

2013 CC Yield	42
PLC Yield can be updated to	0

Montana FSA# 713
Barley

2013 CC Yield	42
PLC Yield can be updated to	0



Yield Update Analyzer

Home Clients

About Us Montana Wheat ▾

Montana Wheat's Farm Units

FSA #	Farm Name	Crop Practice	
62	Home place	Winter Wheat Summerfallow	Edit Yields
62	Home place	Winter Barley Non-Irrigated	Edit Yields
62	Home place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Winter Barley Non-Irrigated	Edit Yields
713	Smith Place	Winter Wheat Summerfallow	Edit Yields

[+ New Farm Unit](#)

Available Tools

[Help!](#)

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Verify Input for Base, PLC, ARC

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.

Montana FSA # 62

Planted Acres History

	2009	2010	2011	2012
Barley	0.0	0.0	0.0	0.0
Wheat	720.0	720.0	720.0	720.0

Prevented Planting History

	2009	2010	2011	2012
Barley	0.0	0.0	0.0	0.0
Wheat	0.0	0.0	0.0	0.0

Base Acres

	Current Base	Potential Reallocated Base
Barley	336	0
Wheat	612	948



Verify Input for Base, PLC, ARC

Montana FSA # 713

Planted Acres History

	2009	2010	2011	2012
Barley	0.0	0.0	0.0	0.0
Wheat	480.0	480.0	480.0	480.0

Prevented Planting History

	2009	2010	2011	2012
Barley	0.0	0.0	0.0	0.0
Wheat	0.0	0.0	0.0	0.0

Base Acres

	Current Base	Potential Reallocated Base
Barley	224	0
Wheat	408	632

Verify Data



Mean Prices to Analyze

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.

Barley			
	FAPRI	USDA	in \$/bu
2014	5.1700	5.1000	<input type="text" value="5.1700"/>
2015	4.5500	4.0200	<input type="text" value="4.5500"/>
2016	4.6900	3.6300	<input type="text" value="4.6900"/>
2017	4.9000	3.7100	<input type="text" value="4.9000"/>
2018	4.9300	3.7500	<input type="text" value="4.9300"/>

Wheat			
	FAPRI	USDA	in \$/bu
2014	5.8800	5.9000	<input type="text" value="5.8800"/>
2015	5.3900	5.1000	<input type="text" value="5.3900"/>
2016	5.6300	4.3800	<input type="text" value="5.6300"/>
2017	5.8700	4.3300	<input type="text" value="5.8700"/>
2018	5.9700	4.5600	<input type="text" value="5.9700"/>

FAPRI Prices provided as of 2014-10
USDA Prices provided as of 2014-10

Analyze Program Options



Verify Input Data

User Data

[Help!](#)

Price Outlook You Specified For This Analysis

Crop	2014	2015	2016	2017	2018
Barley (\$/bu)	5.17	4.55	4.69	4.9	4.93
Wheat (\$/bu)	5.88	5.39	5.63	5.87	5.97

National Price & County Yield Data

Historical data from USDA sources used to generate results for your analysis.

	2009	2010	2011	2012	2013
County Yields					
Barley in Chouteau, Montana (bu/ac)	39	47	37	35	40
Wheat in Chouteau, Montana (bu/ac)	33	48	41	41	42
National Prices					
Barley (\$/bu)	4.6600	3.8600	5.3500	6.4300	6.0600
Wheat (\$/bu)	4.8700	5.7000	7.2400	7.7700	6.8700

Analysis Output

Farm-by-Farm Choices ?

FSA # 62 ?

Base Reallocation

Risk Chart, Same Choice for All Crops

Per Crop 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
Barley		\$0	\$14,746	\$0	\$24,778	\$0	\$24,778
Wheat		\$44,953	\$29,020	\$55,392	\$35,760	\$65,047	\$45,415

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

Crop	Reallocate Base		No Reallocation	
	Program	Expected Payment	Program	Expected Payment
Barley	ARC-CO	\$0	PLC	\$24,778
Wheat	PLC + SCO	\$65,047	PLC + SCO	\$45,415
	Total	\$65,047	Total	\$70,193

Three Ways to Analyze Options

Farm-by-Farm Choices ?

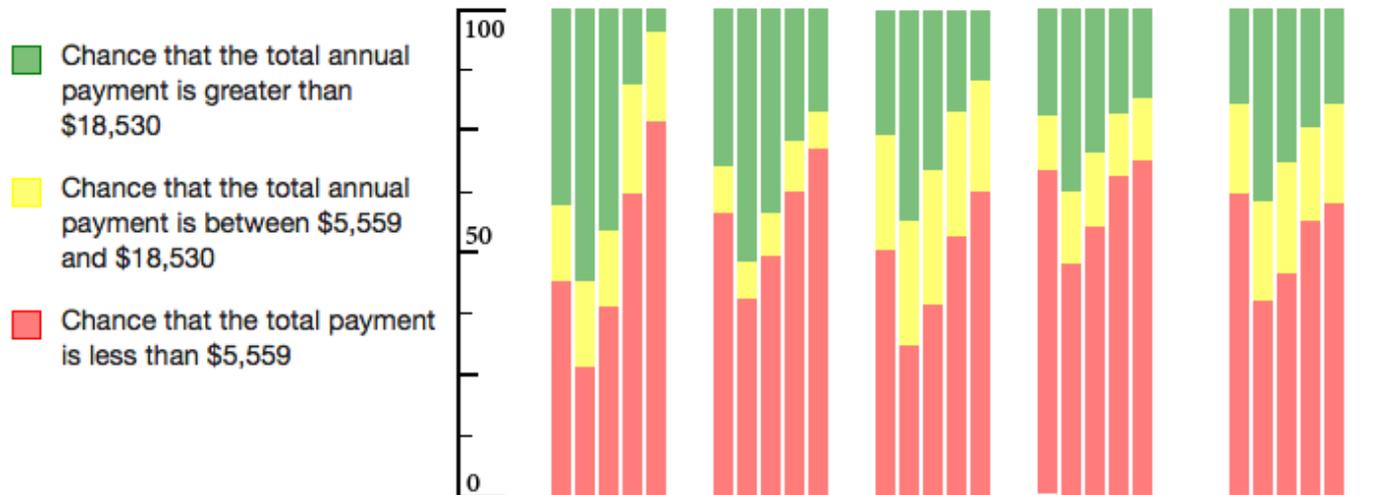
FSA # 62 ?

Base Reallocation

Risk Chart, Same Choice for All Crops

Per Crop Analysis

The following chart shows annual expected payments for each year (2014-2018) if you make the same choices across all crops in FSA # 62. 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

Details Behind StopLights

The following table shows expected payments or SCO net indemnities if you make the same choices across all crops in FSA # 62.

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-IC	N/A						◀ Show Details
Expected Payment		\$10,192	\$13,579	\$11,129	\$6,359	\$3,568	\$44,828
ARC-CO	Yes	\$8,296	\$12,888	\$10,705	\$7,399	\$5,665	\$44,953
ARC-CO	No	\$7,986	\$12,093	\$10,137	\$7,532	\$6,018	\$43,766
PLC ▲	Yes	\$9,233	\$16,228	\$12,555	\$9,363	\$8,014	\$55,392
PLC ▲	No	\$9,101	\$17,374	\$13,980	\$10,568	\$9,513	\$60,538
SCO Expected Net Indemnity	N/A	\$0	\$2,275	\$2,378	\$2,477	\$2,525	\$9,655
PLC + SCO	Yes	\$9,233	\$18,503	\$14,934	\$11,840	\$10,538	\$65,047
PLC + SCO	No	\$9,101	\$19,649	\$16,359	\$13,045	\$12,038	\$70,193



Details for each Crop

FSA # 62 ?

Base Reallocation

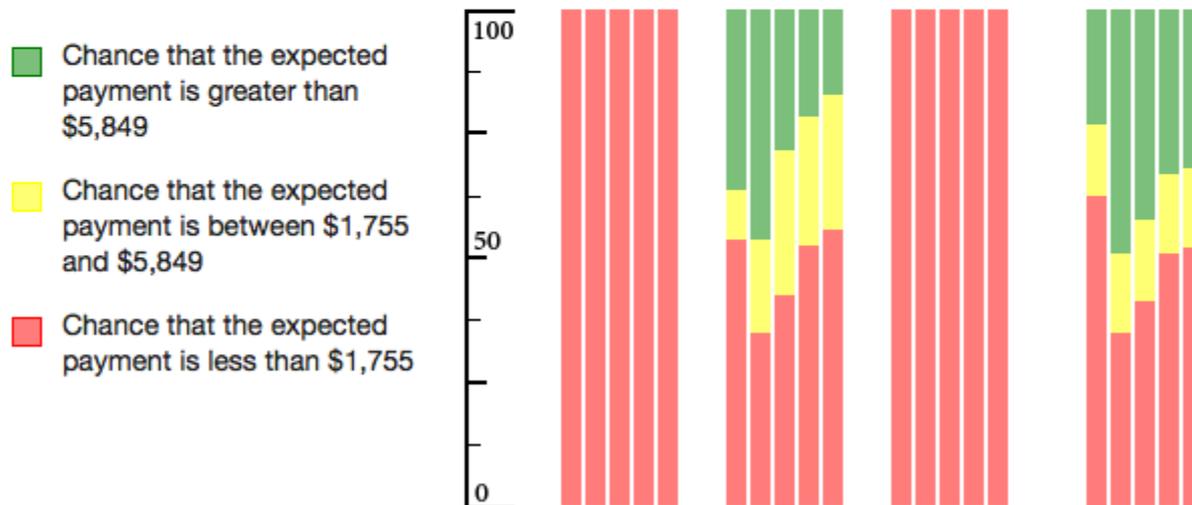
Risk Chart, Same Choice for All Crops

Per Crop Analysis

Barley

Wheat

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

Wheat

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						◀ Show Details
Expected Payment		\$8,296	\$12,888	\$10,705	\$7,399	\$5,665	\$44,953
ARC-CO	No						◀ Show Details
Expected Payment		\$5,356	\$8,320	\$6,911	\$4,776	\$3,657	\$29,020
PLC	Yes						◀ Show Details
Expected Payment ▲		\$9,233	\$16,228	\$12,555	\$9,363	\$8,014	\$55,392
PLC	No						◀ Show Details
Expected Payment ▲		\$5,960	\$10,476	\$8,105	\$6,045	\$5,173	\$35,760
SCO	N/A						
Expected Net Indemnity		\$0	\$2,275	\$2,378	\$2,477	\$2,525	\$9,655
PLC + SCO	Yes						
Expected Payment + Net Indemnity		\$9,233	\$18,503	\$14,934	\$11,840	\$10,538	\$65,047
PLC + SCO	No						
Expected Payment + Net Indemnity		\$5,960	\$12,751	\$10,484	\$8,521	\$7,698	\$45,415



Details for each Crop

FSA # 62 ?

Base Reallocation

Risk Chart, Same Choice for All Crops

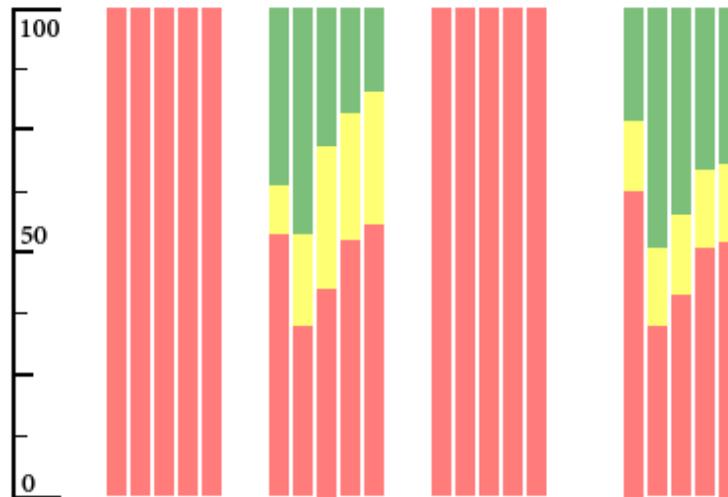
Per Crop Analysis

Barley

Wheat

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

- Chance that the expected payment is greater than \$5,849
- Chance that the expected payment is between \$1,755 and \$5,849
- Chance that the expected payment is less than \$1,755



Program

ARC-CO

ARC-CO

PLC + SCO

PLC + SCO

Reallocate Base?

Yes

No

Yes

No

Barley

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						◀ Show Details
Expected Payment		\$0	\$0	\$0	\$0	\$0	\$0
ARC-CO	No						◀ Show Details
Expected Payment		\$2,630	\$3,773	\$3,226	\$2,756	\$2,360	\$14,746
PLC	Yes						◀ Show Details
Expected Payment ▲		\$0	\$0	\$0	\$0	\$0	\$0
PLC	No						◀ Show Details
Expected Payment ▲		\$3,141	\$6,898	\$5,875	\$4,524	\$4,340	\$24,778
SCO	N/A						
Expected Net Indemnity		\$0	\$0	\$0	\$0	\$0	\$0
PLC + SCO	Yes						
Expected Payment + Net Indemnity		\$0	\$0	\$0	\$0	\$0	\$0
PLC + SCO	No						
Expected Payment + Net Indemnity		\$3,141	\$6,898	\$5,875	\$4,524	\$4,340	\$24,778



Wheat

FSA Program	Reallocate Base	2014	2015	2016	2017	2018	Sum
ARC-CO	Yes						◀ Show Details
Expected Payment		\$8,296	\$12,888	\$10,705	\$7,399	\$5,665	\$44,953
ARC-CO	No						▼ Hide Details
Expected Payment		\$5,356	\$8,320	\$6,911	\$4,776	\$3,657	\$29,020
Probability of Payment		45%	63%	54%	42%	31%	
25% of Payments		≤ \$0	≤ \$0	≤ \$0	≤ \$0	≤ \$0	
25% of Payments		≥ \$14,198	≥ \$14,914	≥ \$14,507	≥ \$12,646	≥ \$7,687	
5% of Payments		≥ \$14,198	≥ \$15,682	≥ \$15,750	≥ \$15,539	≥ \$14,846	
PLC	Yes						▼ Hide Details
Expected Payment ▲		\$9,233	\$16,228	\$12,555	\$9,363	\$8,014	\$55,392
Probability of Payment		40%	58%	49%	39%	37%	
25% of Payments		≤ \$0	≤ \$0	≤ \$0	≤ \$0	≤ \$0	
25% of Payments		≥ \$14,940	≥ \$28,898	≥ \$21,980	≥ \$14,546	≥ \$11,254	
5% of Payments		≥ \$43,476	≥ \$58,728	≥ \$49,610	≥ \$44,092	≥ \$39,164	
PLC	No						◀ Show Details
Expected Payment ▲		\$5,960	\$10,476	\$8,105	\$6,045	\$5,173	\$35,760



Yield Update Analyzer

Home Clients

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Montana Wheat's Farm Units

FSA #	Farm Name	Crop Practice	
62	Home place	Winter Wheat Summerfallow	Edit Yields
62	Home place	Winter Barley Non-Irrigated	Edit Yields
62	Home place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Spring Wheat Continuous Cropping	Edit Yields
713	Smith Place	Winter Barley Non-Irrigated	Edit Yields
713	Smith Place	Winter Wheat Summerfallow	Edit Yields

[+ 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.

Farm Bill 2014 Insurance

This tool calculates net revenue for alternative insurance choices available through the 2014 Farm Bill and RMA.



Crop Insurance Interaction with Base Reallocation, PLC, and ARC

Annual Insurance Decision Aid

This tool characterizes the probabilities of realizing many levels of net revenue given the many choices you might make. Here, net revenue includes your market receipts plus crop insurance and shallow loss indemnities, minus crop insurance and shallow loss premiums, plus any FSA program payments. Choices that can be evaluated are

- Crop insurance policy type ([Yield Protection \(YP\)](#) ⓘ, [Revenue Protection \(RP\)](#) ⓘ, or [Revenue Protection with Harvest Price Exclusion \(RP-HPE\)](#) ⓘ)
- Crop insurance unit structure (optional or enterprise)
- Crop insurance coverage level
- Yield trend-adjustment option
- Shallow loss option ([SCO](#) ⓘ for most crops, SCO or [STAX](#) ⓘ for upland cotton)
- FSA program choice ([PLC](#) ⓘ or [ARC](#) ⓘ)

This tool relies on previously-entered data about your RMA units for each state-county-crop-practice combination. If you have not yet entered data, create a farm unit from the [home screen](#).

Get Started



Crops on the Farm Eligible for Insurance

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Annual Insurance Decision Aid

Select a Crop

Your data reflect the following state-county-crop-practice combinations. Please choose the combination you wish to use for the analysis.

- Non-Irrigated Winter Barley in Chouteau County, MT (insurance not offered by RMA for this crop/type in this county) (to run an insurance analysis, please specify a Rate Yield for all relevant farm units)
- [Summerfallow Winter Wheat in Chouteau County, MT](#)
- [Continuous Cropping Spring Wheat in Chouteau County, MT](#)

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



Your Price Outlook

Specify your outlook for national marketing year average prices for Spring Wheat in dollars per bushel

Spring Wheat			
	FAPRI	USDA	in \$/bu
2014	5.9700	7.3000	<input type="text" value="5.9700"/>
2015	5.6700	5.1000	<input type="text" value="5.6700"/>
2016	5.9200	4.3800	<input type="text" value="5.9200"/>
2017	6.1700	4.3300	<input type="text" value="6.1700"/>
2018	6.2800	4.5600	<input type="text" value="6.2800"/>

Analyze Options

User's Input Information for the Crop

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Chouteau County, Montana

Wheat, Summerfallow

Price Basis: 0.0

Total 2014 planted acres: 320.0

Help!

Simulation Info ?

Wheat	2014	2015	2016	2017	2018
Projected Price	7.1100	5.5905	5.8340	6.0670	6.1834
Ave. Sim. National Price	5.8975	5.3697	5.6106	5.8310	5.9291
Ave. Sim. Harvest Futures	6.6331	6.0364	6.3038	6.5495	6.6774
Ave. Sim. County Yield	51	52	54	56	58

Results ?



Results ?

The chart below characterizes the probabilities of realizing various levels of net revenue for 2014-2018. Here, net revenue includes your market receipts plus crop insurance and shallow loss (SCO) indemnities, minus crop insurance and shallow loss premiums, plus any FSA program (PLC or ARC) payments.



Top Five Crop Insurance and Farm Policy Combinations

Good Option Combinations

The following option combinations result in net revenue distributions with characteristics that would be considered desirable by many producers.

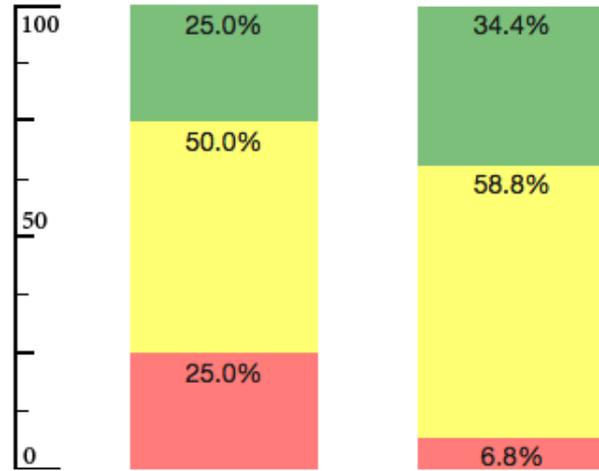
FSA Program	Policy Type	Coverage %	Unit Structure	Shallow Loss Protection
PLC	RP-HPE	50%	Optional	SCO
PLC	RP-HPE	60%	Optional	SCO
PLC	RP-HPE	55%	Optional	SCO
PLC	RP-HPE	70%	Optional	SCO
PLC	RP-HPE	65%	Optional	SCO

[Change Prices](#)

[Choose another Crop](#)



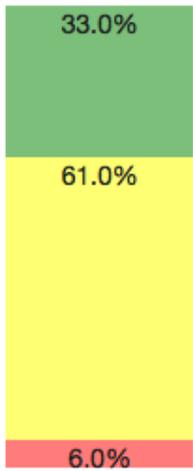
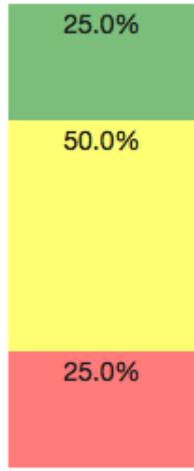
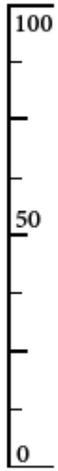


	Reference Scenario	Alternative Scenario ⓘ
<p> ■ Chance that Net Revenue is greater than \$660,763 ■ Chance that Net Revenue is between \$520,672 and \$660,763 ■ Chance that Net Revenue is less than \$520,672 </p> 		
Average Net Revenue	\$596,913	\$636,835
FSA Program	ARC-C	PLC
Policy Type	RP	RP
Coverage Level	75%	65%
Unit Structure	Optional	Optional
Shallow Loss Option	None	SCO



	Reference Scenario	Alternative Scenario
--	--------------------	----------------------

- Chance that Net Revenue is greater than \$660,763
- Chance that Net Revenue is between \$520,672 and \$660,763
- Chance that Net Revenue is less than \$520,672



Average Net Revenue

\$596,913

\$635,726

FSA Program

ARC-C

PLC

Policy Type

RP

RP

Coverage Level

75%

75%

Unit Structure

Optional

Optional

Shallow Loss Option

None

SCO

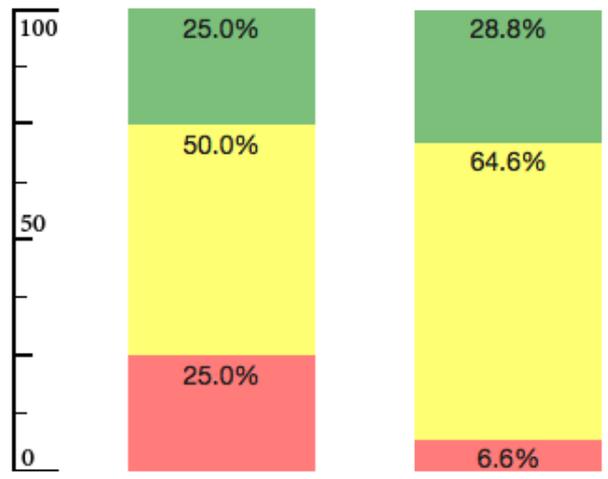


	Reference Scenario	Alternative Scenario ⓘ
<p> ■ Chance that Net Revenue is greater than \$660,763 ■ Chance that Net Revenue is between \$520,672 and \$660,763 ■ Chance that Net Revenue is less than \$520,672 </p> 		
Average Net Revenue	\$596,913	\$633,488
FSA Program	ARC-C	<input type="text" value="PLC"/>
Policy Type	RP	<input type="text" value="None"/>
Shallow Loss Option	None	<input type="text" value="None"/>



	Reference Scenario	Alternative Scenario 
--	--------------------	--

- Chance that Net Revenue is greater than \$660,763
- Chance that Net Revenue is between \$520,672 and \$660,763
- Chance that Net Revenue is less than \$520,672



Average Net Revenue	\$596,913	\$627,483
FSA Program	ARC-C	PLC 
Policy Type	RP	RP 
Coverage Level	75%	85% 
Unit Structure	Optional	Optional 
Shallow Loss Option	None	None 

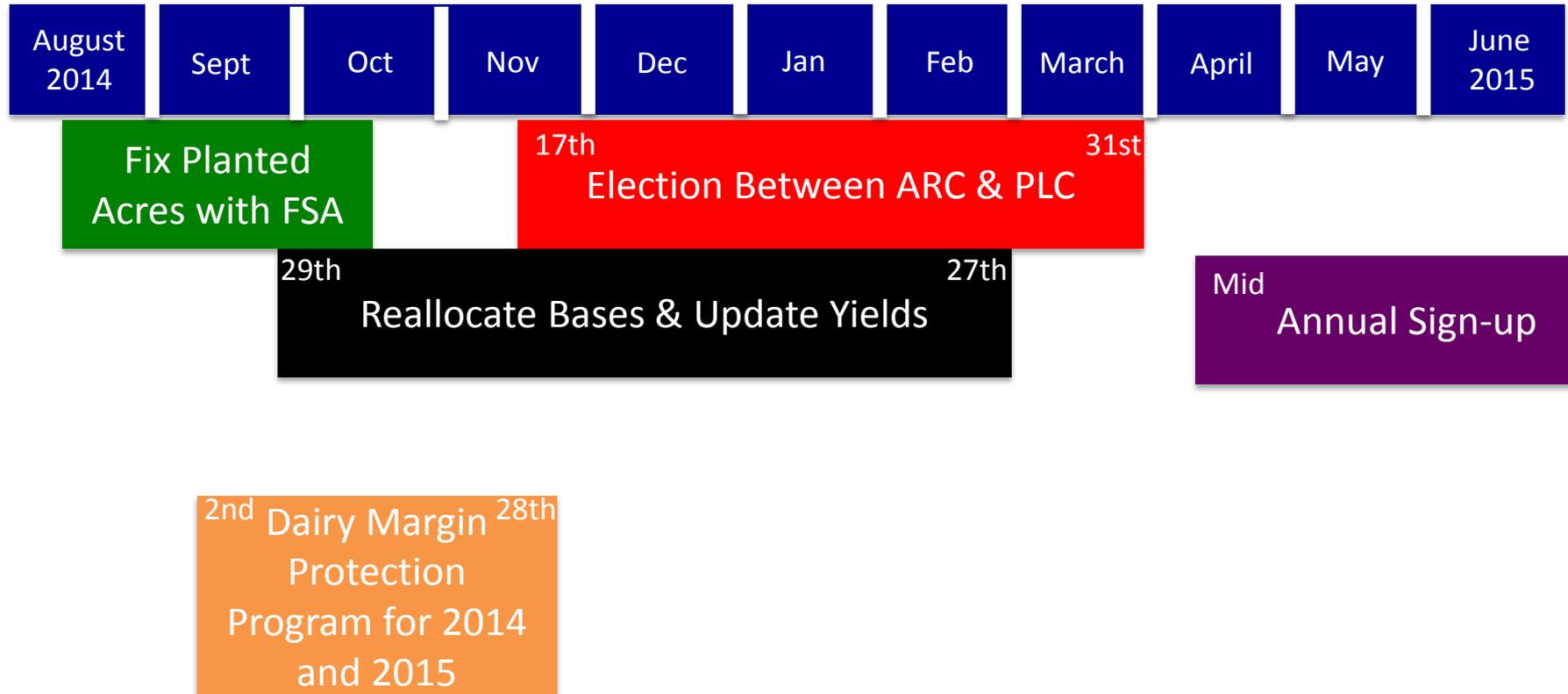


A Few Things to Think About

- All of the decisions required in the farm bill add to the producer's ability to tailor the bill to fit their operations – not just add to complication
- There will be plenty of time to gather needed info, analyze options, and make sign-up decisions – no reason to panic



FSA Announced Sign-Up Timeline



Farm Bill Education

- Podcasts on the AFPC website (www.afpc.tamu.edu)
 - Describe farm program provisions
 - Demonstrate Decision Aid
- Prepare educational materials and Pod Casts to highlight regional differences of the farm program for producers in their regions
- NAAFP



Farm Policy Minute Podcasts

Agricultural Policy Specialist Dr. Joe Outlaw and colleagues from the Agricultural and Food Policy Ce

Please choose the version that best fits your internet capabilities. If you have a slower internet conne
version.

There are also links to each of the podcasts on YouTube. Please feel free to check out our [YouTube](#)
time a new podcast is uploaded.

01 - Introduction

[1080i](#) (38 MB)

[720p](#) (24 MB)

[480p](#) (13 MB)

[audio only](#) (1 MB)

[YouTube](#)

02 - Discussion of Farm Bill Implementation Timeline

[1080i](#) (189 MB)

[720p](#) (115 MB)

[480p](#) (60 MB)

[audio only](#) (5 MB)

[YouTube](#)

03 - Overview of Commodity Program Producer Decisions

[1080i](#) (327 MB)

[720p](#) (200 MB)

[480p](#) (104 MB)

[audio only](#) (8 MB)

[YouTube](#)

