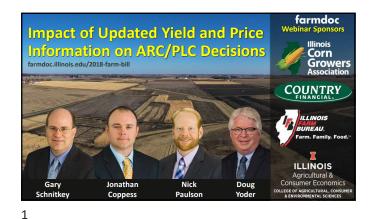
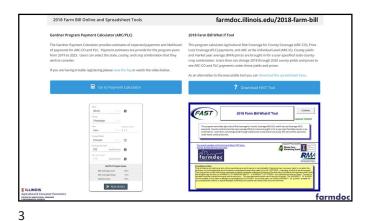
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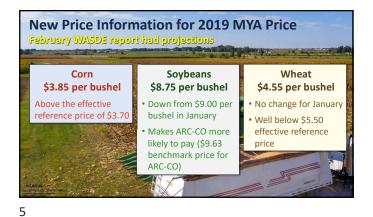


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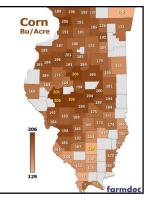


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Yield Information - Corn

- NASS released county yields on February 20th
- FSA will use RMA data, not NASS yields
- Adjusted yields used to project 2019 ARC-CO payments
- Still uncertainty about projections



6









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ARC-CO Payments

ARC payments occur when county revenue is below .86 x benchmark revenue (benchmark yield x benchmark price)

Not eligible for Supplemental Coverage Option (SCO)

Both ARC-CO and PLC make payments on base acres in crop which will not change.

Corn in Henry County Calculation of PLC and ARC-CO Payments 2018 3.70 2020 224.2 3.70 713.28 840.80

Not many County With Projected Payment for Corn in Illinois

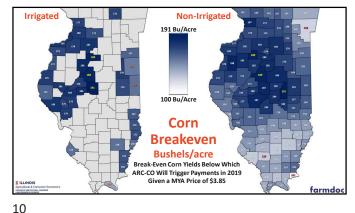
- Few counties with projected payments
- Still uncertainty, particularly for irrigated series and areas with failed acres

Projected Payments per base acre \$34 Iroquois \$13 \$21 Lake \$5 Mason \$8 Union \$9 Wabash \$15

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Yield Information - Soybeans Soybeans • NASS released county yields on February 20th (see Figure) • FSA will use RMA data, not NASS yields · Adjusted yields used to project 2019 ARC-CO payments Still uncertainty about projections

Soybeans in Henry County, Illinois Calculation of PLC and ARC-CO Payments **ARC-CO Calculations** MYA County Year Yield1 Price² PLC ARC-CO Yield⁵ Price Guarantee Revenue⁸ 517.53 513.00 2019 9.00 62.5 9.63 2020 64.2 510.63 565.83 63 9.00 9.25

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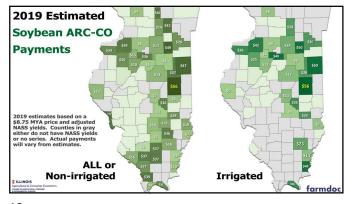
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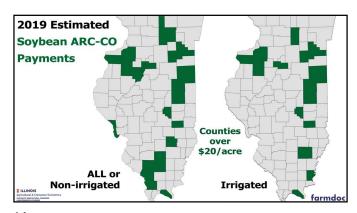






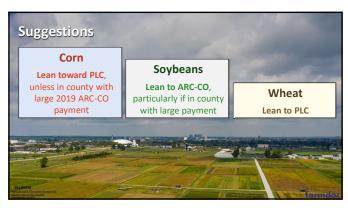
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13 14





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ARC/PLC Choice

- On a FSA farm basis, allows a choice between:
 - Price Loss Coverage (PLC)
 - Agricultural Risk Coverage County Level (ARC-CO)
 - ARC − Individual Coverage (ARC-IC) ← All FSA farm, whole farm guarantee
- Can vary decisions by FSA farm
- Choice will initially be made for 2019 and 2020 (March 15, 2020)
- Make a yearly choice after that: 2021, 2022, 2023
- Base acres will not change, PLC and ARC-CO will pay on base acres

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PLC PLC makes payments of

makes payments of

.85 X (effective reference price - higher of MYA price or loan rate) X PLC yield

(National loan rate: Corn: \$2.20, SB: \$6.20, Wheat: \$3.38)

MYA (market year average) price

- This is a national, cash price
- Sept to August for corn and soybeans
- June to May for wheat

Eligible for Supplemental Coverage Option (SCO) insurance

over toonic farm

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On a crop basis on



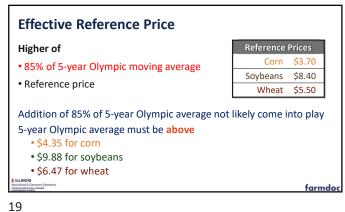
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18

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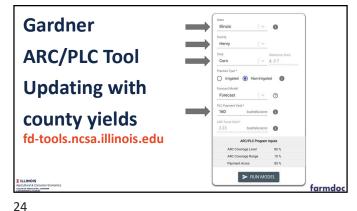
	2019	Payment	2020	Payment
Corn	6 B	MYA		MYA
Table 1. Calculation	Year	Price	<u>Year</u>	Price
		\$/Bu		\$/Bu
of PLC Payments	2013	4.46	2014	3.70
	2014	3.70	2015	3.61
	2015	3.61	2016	3.36
	2016	3.36	2017	3.36
\$3.85 is USDA	2017	3.36	2018	3.61
Jan forecast of				
2019 MYA price	85% of Olympic average ¹	3.02	85% of Olympic average ¹	3.00
	Statutory reference price	3.70	Statutory reference price	3.70
History suggests	Effective reference price ²	3.70	Effective reference price ²	3.70
a 13% chance			•	
that the 2019	2019 MYA price	3.85	2020 MYA price	3.85
MYA will be	Loan rate	2.20	Loan rate	2.20
below \$3.70	Payment rate ³	0.00	Payment rate ³	0.00
■ ILLINOIS Agricultural & Consumer Economics cause or engotypes, consumer	2019 payment per base acre ⁴	\$0	2020 payment per base acre ⁴	\$0

	20	19 Payment	20	020 Payment
Soybeans	district And	MYA		MYA
Table 1. Calculation	<u>Year</u>	<u>Price</u>	<u>Year</u>	<u>Price</u>
of PLC Payments		\$/Bu		\$/Bu
	2013	13.00	2014	10.10
	2014	10.10	2015	8.95
	2015	8.95	2016	9.47
	2016	9.47	2017	9.33
	2017	9.33	2018	8.48
\$9.00 is USDA Jan	85% of Olympic average	8.19	85% of Olympic average ¹	7.86
forecast of 2019	Statutory reference price	8.40	Statutory reference price	8.40
MYA price	Effective reference price	8.40	Effective reference price2	8.40
History suggests a	2019 MYA price	9.00	2020 MYA price	9.00
4% chance that the	Loan rate	6.20	Loan rate	6.20
2019 MYA will be	Payment rate	0.00	Payment rate ³	0.00
below \$9.00				
■ ILLINOIS Agricultural & Consumer Economics cause or Association, Consumer 1 **Province High Lobidots** 1 **Province High Lobidots**	2019 payment per base acre	\$0	2020 payment per base acre ⁴	\$0

	2019	Payment	202	0 Payment
Wheat	· Las	MYA		MYA
Table 1. Calculation	Year	Price	<u>Year</u>	Price
of PLC Payments		\$/Bu		\$/Bu
of FEC Fayments	2013	6.87	2014	5.99
State Illinois	2014	5.99	2015	4.89
County Henry	2015	4.89	2016	3.89
Crop Wheat	2016	3.89	2017	4.72
Practice All	2017	4.72	2018	5.16
PLC Yield 50				
\$4.55 is USDA Jan	85% of Olympic average ¹	4.42	85% of Olympic average ¹	4.18
forecast of 2019	Statutory reference price	5.50	Statutory reference price	5.50
MYA price	Effective reference price ²	5.50	Effective reference price ²	5.50
History suggests a	2019 MYA price	4.55	2020 MYA price	4.5
4% chance that the	Loan rate	3.38	Loan rate	3.38
2019 MYA will be	Payment rate ³	0.95	Payment rate ³	0.9
below \$9.00				
CILLINOIS Signicultural & Consumer Economics SUBBLIF AMPLIANAL, COMMEN	2019 payment per base acre ⁴	\$40	2020 payment per base acre ⁴	\$40

21 22

!	Suggestion				
1. See if FSA farm will make ARC-IC payment.					
] :	2. If not enroll in ARC-IC, enroll by program crop:				
	Corn	Soybeans	Wheat		
	Lean to PLC, except in high ARC-CO payment county	Lean to ARC-CO	Lean to PLC		
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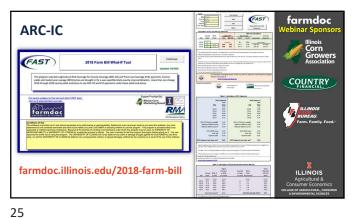


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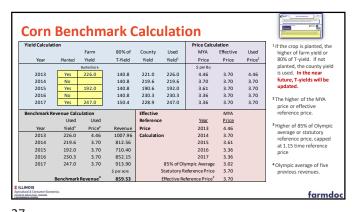
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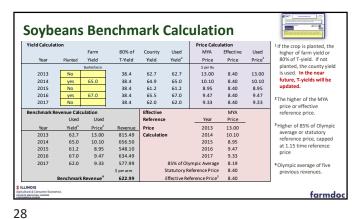
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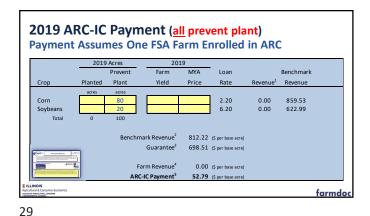
ARC-IC • Is a FSA farm by farm choice • ARC-IC farm equals the sum of a producer's share in all FSA farms enrolled in ARC-IC in a state • Combines all program crops · Based on farm vields • Pays on 65% of base acres rather than 85% • Will pay maximum payment (10% of benchmark) if all acres on FSA farm are prevent plant • ARC-IC calculator for one farm in 2018 Farm Bill Tool

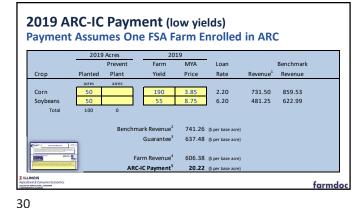
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27











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2019 ARC-IC Payment (Higher yields) **Payment Assumes One FSA Farm Enrolled in ARC** 2019 Acres 2019 2.20 847.00 859.53 6.20 Soybeans 568.75 622.99 741.26 (\$ per base acre) Benchmark Revenue Guarantee³ 637.48 (\$ per base acre) Farm Revenue⁴ 707.88 (S per base acrel ARC-IC Payment⁵ 0.00 (\$ per base acre)

ARC-IC general rule

- Consider taking in 2019 if there is a FSA farm with
 - Low yields

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32

- All prevent plant
- Remember all FSA farms in a state in ARC-IC are combined. Does not seem wise to have all FSA farms in ARC-IC
- Rank FSA farms from highest to lowest payment and see how many farms to add

2018 Farm Bill What-If Tool

This program calculates Agricultural Risk Coverage for County Coverage (ARC-CO) and Price Loss Coverage (PLC) paym yields and market year average (MYA) prices are brought in for a user-specified state-county-crop combination. User

Combining farms

• Be careful

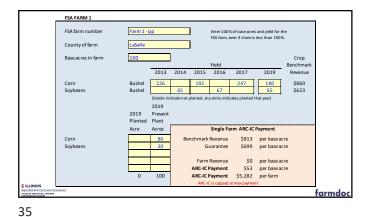
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- Adding a non-paying farm with a max ARC-IC paying farm can increase payments
- But, adding too many non-paying farms can eliminate payments
- USE ARC-IC Tool (2018 Farm Bill What-If tool) with date after 2/21/20 to evaluate

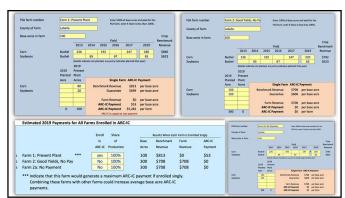
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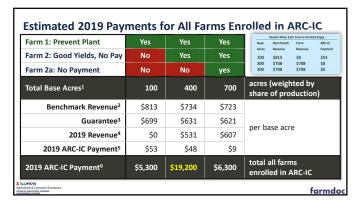
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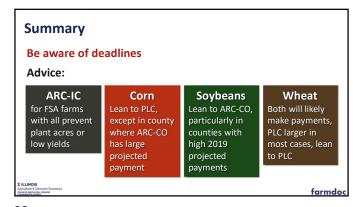




RMA

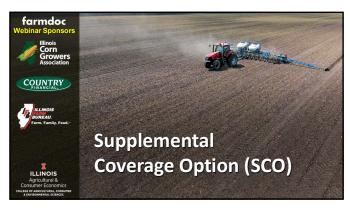
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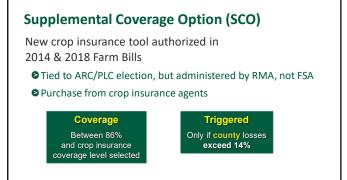


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Growers

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Supplemental Coverage Option (SCO) will use Area Risk Protection Insurance (ARPI)





Same "Expected County Yield" Same base and harvest prices

SCO: Endorsement to Underlying Crop Insurance Policy Matches underlying crop insurance coverage (Yield or Revenue Protection must be purchased) If you purchase Yield Revenue Revenue Protection with Harvest Price Exclusion Protection Protection (RP) (RP-HPE) (YP) Revenue protection that **SCO Provides** Yield Revenue only uses the crop **County Based** Coverage Coverage insurance base price

43 44

SCO: Band of Coverage

SCO Coverage level established at 86% Indemnities triggered when county revenues/yields fall below 86% of guarantee

SCO coverage ends at the coverage level selected by the producer for underlying crop insurance

Band of coverage = 86% down to the coverage level chosen on crop insurance

45

RP & SCO Example

Assumptions for RP coverage:

- TA-APH of 190 bpa and Base price of \$4.00
- Expected Revenue = \$760 (190 bpa x \$4.00)
- Coverage level chosen = 80%
- RP Guarantee of \$608 (190 bpa x \$4.00 x .80)

Assumptions for SCO coverage:

- Expected County Yield = 180 bpa
- Base price of \$4.00
- Expected County Revenue = \$720 (180 bpa x \$4.00)
- SCO trigger of \$619 (180 bpa x \$4.00 x .86)

47

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48

46



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Example: SCO Claim calculation Actual Revenue Calculation: Harvest price = \$3.00 SCO lower coverage ba (180 bpa x \$4.00 x .80) Final county yield = 200 bpa Final county revenue = \$600 (\$3 x 200 bpa) **Claim Calculation:** \$619 SCO trigger - \$600 final = \$19 shortfall \$19 = 44% of max coverage range (\$19/\$43) Claim: \$46 max payment x 44% shortfall = \$20 claim

Considerations for SCO

65% subsidy level

Provides protection on planted acres as opposed to base (PLC & ARC)

Not subject to payment limits

Not subject to AGI eligibility test

Eliminates ARC as an option

Starting in 2020 if SCO is purchased on a farm that chose ARC;

- SCO will be cancelled
- Customer will still owe 60% of SCO premium (USDA rule)

50 49

Considerations for SCO

County based coverage, not popular in Illinois crop insurance usage

Illinois farmers use high coverage levels, limiting impact of SCO

Since it's county based, SCO won't offer:

- Replant provisions
- Prevent Plant provisions
- Quality loss adjustments (aflatoxin)

SCO has premium cost, ARC does not

Your agent can quote it along with your underlying crop policy

Yield Update for PLC

- Update yields on a crop and farm basis
- Request FSA 156 EZ to get current PLC yields
- Higher of:

52

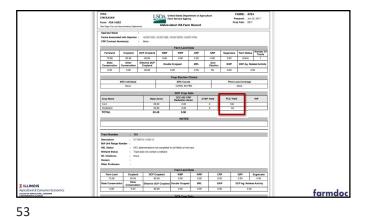
- Current PLC yield, or
- 2013 to 2017 average x factor

Factor:

Corn .8100 Soybeans .8100 Wheat .8591

Update if that yield is higher (My advice: Use crop insurance yields)

51



178 Result

54







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