# The 2018 Farm Bill: Overview & Outlook

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### **2018 FARM BILL.—CBO BASELINE**



- CBO projected spending, mandatory programs:
- 1. Farm Programs (Title I);
- 2. Conservation (Title II)
- Nutrition and SNAP (Title IV)

4. Crop Insurance (Title XI).



# **REVIEW: AGRICULTURAL ACT OF 2014**

Difference In Spending (2014 Baseline Estimate-Revised 2018)





### BACKGROUND: SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM



- Largest program by spending and people.
- Low-income assistance; countercyclical.
- House partisan dispute; dropped in conference; no changes.

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# **Conservation Program: Spending & 2018 Baseline**

Conservation Program Outlays, Revised (CBO)



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### **REVIEW: CONSERVATION PROGRAMS**



- CRP is dominant source of conservation funds;
- IL benefits more from CSP (\$212m) than EQIP (\$151m).
- IL receives on average 9.8% of EQIP funds and 13.7% of CSP funds nationally.



# **2018 FARM BILL: CONSERVATION**

- ✓ Expanded CRP: 27m acres; 30-year contracts; limits on rental payments.
- ✓ Blended CSP and EQIP with fixed funding levels; increased EQIP.

[	Table 3. Changes to EQIP and CSP											
	April 2018 Baseline (Millions in Outlays)			Changes in 2018 Farm Bill (Millions)								
ts;		Outlays					Chapter 4				Net CSP	Potential Total
					EQIP	New CSP	Budget	Chapter 4 EQIP	Ending CSP	<b>Residual CSP</b>	(Residual +	(EQIP Budget
					(Budget	(Budget	Authority	& CSP Score	Score	(Baseline +	Budget	Authority + Net
	EQIP	CSP	Total	Fiscal Year	Authority)	Authority)	(EQIP & CSP)	(CBO, Outlays)	(Outlays)	Score)	Authority)	CSP)
	\$1,509	\$1,607	\$3,116	2019	\$1,750	\$700	\$2,450	\$170	-\$25	\$1,582	\$2,282	\$4,032
	\$1,545	\$1,822	\$3,367	2020	\$1,750	\$725	\$2,475	\$356	-\$358	\$1,464	\$2,189	\$3,939
	\$1,600	\$1,743	\$3,343	2021	\$1,800	\$750	\$2,550	\$539	-\$796	\$947	\$1,697	\$3,497
	\$1,640	\$1,772	\$3,412	2022	\$1,850	\$800	\$2,650	\$692	-\$1,103	\$669	\$1,469	\$3,319
	\$1,674	\$1,820	\$3,494	2023	\$2,025	\$1,000	\$3,025	\$903	-\$1,387	\$433	\$1,433	\$3,458
	\$1,729	\$1,771	\$3,500	2024	\$2,025	\$1,000	\$3,025	\$1,019	-\$1,562	\$209	\$1,209	\$3,234
	\$1,750	\$1,768	\$3,518	2025	\$2,025	\$1,000	\$3,025	\$1,100	-\$1,768	\$0	\$1,000	\$3,025
.	\$1,750	\$1,810	\$3,560	2026	\$2,025	\$1,000	\$3,025	\$1,184	-\$1,810	\$0	\$1,000	\$3,025
<b>IS</b> ;	\$1,750	\$1,808	\$3,558	2027	\$2,025	\$1,000	\$3,025	\$1,233	-\$1,808	\$0	\$1,000	\$3,025
/	\$1,750	\$1,808	\$3,558	2028	\$2,025	\$1,000	\$3,025	\$1,257	-\$1,808	\$0	\$1,000	\$3,025
	\$16,697	\$17,729	\$34,426	Total	\$19,300	\$8,975	\$28,275	\$8,453	-\$12,425	\$5,304	\$14,279	\$33,579

 ✓ Acreage-based CSP eliminated, existing contracts continue; potential for 1-year extension for 2019.



## **2018 FARM BILL: CROP INSURANCE**



 Crop Insurance is largely unchanged; New provisions for cover crops:

 ✓ defines termination (NRCS or local expert);

 ✓ Cover crops considered a good farming practice; termination should not impact insurability.

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#### **REVIEW:**

### **AGRICULTURAL ACT OF 2014; TITLE I SPENDING**



### **ARC-CO CORN EXAMPLE**



Change the county yields and Market Year Average (MYA) prices for 2018 to see payments under ARC-County and PLC. Payments are stated per base acre, as such they are multiplied by .85. If there are 100 base acres per farm, multiple the result below by 100.

Input			Agricult	ural Risk C	Coverage (ARC)	- County	Price Loss Coverage (PLC)
	County	MYA	Bench	nmark	ARC	ARC	
Year	Yield	Price <sup>1</sup>	Yield <sup>2</sup>	Price <sup>3</sup>	Guarantee <sup>4</sup>	Payment⁵	Payment <sup>6</sup>
2009	190	3.55					
2010	169	5.18					
2011	164	6.22					
2012	123	6.89					
2013	168	4.46				\$/acre	\$/acre
2014	216	3.70	167	5.29	760	0.00	0
2015	189	3.61	167	5.29	760	61.36	9
2016	210	3.36	174	4.79	717	8.86	35
2017	207	3.36	189	3.95	642	0.00	35
2018	187	3.60	202	3.70	643	0.00	10
				Five	-Year Average	14.04	18
1	National loan	rate equals:	1.95	Reference price equals: 3.70			



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### **ARC-CO SOYBEAN EXAMPLE**



### **ADDITIONAL CHALLENGES FOR COMMODITIES**



- Trump Administration & tariff conflict;
- Especially with China and for soybeans;
- Market Facilitation Program (MFP) payments.



## **UPDATED SITUATION FOR TITLE I**

Table 2. Direct Cash Payments for 2018 Crop (CBO and USDA)									
	ARC-PLC-LDP June 2017 Baseline (CBO)	ARC-PLC-LDP April 2018 Baseline (CBO)	Difference in Baseline (2018- 2017)	Est. MFP Payment (USDA)	Cotton Ginning Cost Share Assistance (USDA)	Total Expected Payments for 2018 Crop			
Corn	\$1,227,000,000	\$1,730,169,366	\$503,169,366	\$96,000,000	\$0	\$1,826,169,366			
Soybeans	\$608,000,000	\$422,240,803	-\$185,759,197	\$3,629,700,000	\$0	\$4,051,940,803			
Wheat	\$997,000,000	\$685,351,961	-\$311,648,039	\$119,200,000	\$0	\$804,551,961			
Cotton	\$5,000,000	\$363,229,055	\$358,229,055	\$276,900,000	\$227,000,000	\$867,129,055			
Total	\$2,837,000,000	\$3,200,991,185	\$363,991,185	\$4,121,800,000	\$227,000,000	\$7,549,791,185			

• Continued lower prices = increased spending in ARC/PLC

• Addition of Seed Cotton + MFP + Cotton Ginning

• MFP: 2 Rounds (\$0.01-corn; \$1.65-soybeans); 2<sup>nd</sup> just announced (\$4.8b) fdd

# **AGRICULTURAL IMPROVEMENT ACT OF 2018**

	2008 to 2012 National	2013 to 2017 National		Effective Ratio (between 0.9	Yield Update
	Average Yield <sup>^</sup>	Average Yield <sup>^</sup>	Actual Ratio	and 1.0)	Factor*
CORN (bu./acre)	135.3	155.9	0.87	0.90	0.81
UPLAND COTTON (lb./acre)^^	640.4	715.3	0.90	0.90	0.81
PEANUTS (lb./acre)	3,446.3	3,716.0	0.93	0.93	0.83
ALL RICE (cwt./acre)	69.6	73.7	0.94	0.94	0.85
SOYBEANS (bu./acre)	41.3	47.8	0.86	0.90	0.81
SORGHUM (bu./acre)	51.5	63.2	0.81	0.90	0.81
ALL WHEAT (bu./acre)	39.1	39.0	1.00	1.00	0.90

Notes:

National average yields calculated as NASS production/planted acres; FSA yields likely to differ^

\*Updated yield option = Yield Update Factor times the 2013 to 2017 average yields for the farm

^Seed cotton program yield = 2.4 X upland cotton yield (as updated)



✓ Election for 2019 & 2020 crops between ARC and PLC;

- $\checkmark$  Revisit election for 2021 through 2023 crops;
- $\checkmark$  ARC-CO: administrative county; to use 80% t-yield plug and crop insurance trend adjusted yields;

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# **AGRICULTURAL IMPROVEMENT ACT OF 2018**

✓ PLC: reference price escalator;

 ✓ Effective reference = 85% of 5-year Olympic moving average; up to 115% of statutory reference.

Loan Commodity	Current Loan Rate	2019 to 2023 Loan Rate	Percentage Increase	
WHEAT (bu.)	\$2.94	\$3.38	114.97%	
CORN (bu.)	\$1.95	\$2.20	112.82%	
GRAIN SORGHUM (bu.)	\$1.95	\$2.20	112.82%	
BARLEY (bu.)	\$1.95	\$2.20	112.82%	
UPLAND COTTON (lb.)	2-year average of world prices (between \$0.45 and \$0.52/lb.)	2-year average of world prices, not less than 98% of previous year (between \$0.45 and \$0.52/lb)		
LONG GRAIN RICE (cwt.)	\$6.50	\$7.00	107.69%	
MEDIUM GRAIN RICE (cwt.)	\$6.50	\$7.00	107.69%	
SOYBEANS (bu.)	\$5.00	\$6.20	124.00%	
PEANUTS (tons)	\$355	\$355	100.00%	

✓ MAL/LDP: increased loan rates.



# **2018 FARM BILL: FARM PROGRAMS — CORN**



✓ USDA Chief Economist forecast;

- ✓ MYA expected above Reference Price (\$3.70) thru 2026;
- ✓ Effective reference price "escalator" (85% of 5 year Olympic moving average) not effective.



# **2018 FARM BILL:** FARM PROGRAMS — SOYBEANS



 USDA Chief Economist forecast;

- ✓ MYA expected above Reference Price (\$8.40) all years;
- ✓ Effective reference price "escalator" (85% of 5 year Olympic moving average) not effective.

# 2018 FARM BILL: FARM PROGRAMS — WHEAT



- USDA Chief Economist forecast;
- MYA expected to remain below Reference Price (\$5.50);
- Effective reference price "escalator+ (85% of 5 year Olympic moving average) not effective.

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Gardner Agriculture Policy Program



Gardner Agriculture Policy Program and National Center for Supercomputing Applications.

# 2018 FARM BILL: ARC/PLC SIMULATION FARMDOC TOOL



### **THANK YOU**

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