

# Pennington 2019 Corn

- **ARC-CO yield 142      PLC yield 113**

		Yield				
		115	128	142	156	170
	PLC	ARC				
MYA Price	Payment	Payment				
\$4.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$4.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$3.90	\$0.00	\$1.92	\$0.00	\$0.00	\$0.00	\$0.00
\$3.80	\$0.00	\$11.70	\$0.00	\$0.00	\$0.00	\$0.00
\$3.70	\$0.00	\$21.47	\$0.00	\$0.00	\$0.00	\$0.00
\$3.60	\$9.61	\$31.25	\$0.00	\$0.00	\$0.00	\$0.00
\$3.50	\$19.21	\$41.02	\$2.35	\$0.00	\$0.00	\$0.00
\$3.40	\$28.82	\$44.55	\$13.23	\$0.00	\$0.00	\$0.00
\$3.30	\$38.42	\$44.55	\$24.11	\$0.00	\$0.00	\$0.00
\$3.20	\$48.03	\$44.55	\$34.99	\$0.00	\$0.00	\$0.00
\$3.10	\$57.63	\$44.55	\$44.55	\$8.98	\$0.00	\$0.00

Average yields

Projected  
2019 MYA  
3.80

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™

# Pennington 2019 Corn

- **ARC-CO yield 142      PLC yield 113**

				Yield		
		115	128	142	156	170
MYA Price	PLC	ARC				
	Payment	Payment				
\$4.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$4.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$3.90	\$0.00	\$1.92	\$0.00	\$0.00	\$0.00	\$0.00
\$3.80	\$0.00	\$11.70	\$0.00	\$0.00	\$0.00	\$0.00
\$3.70	\$0.00	\$21.47	\$0.00	\$0.00	\$0.00	\$0.00
\$3.60	\$9.61	\$31.25	\$0.00	\$0.00	\$0.00	\$0.00
\$3.50	\$19.21	\$41.02	\$2.35	\$0.00	\$0.00	\$0.00
\$3.40	\$28.82	\$44.55	\$13.23	\$0.00	\$0.00	\$0.00
\$3.30	\$38.42	\$44.55	\$24.11	\$0.00	\$0.00	\$0.00
\$3.20	\$48.03	\$44.55	\$34.99	\$0.00	\$0.00	\$0.00
\$3.10	\$57.63	\$44.55	\$44.55	\$8.98	\$0.00	\$0.00

Lower yields

118 bu county  
yield produces  
an ARC pymt

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™

# Pennington 2019 Soybeans

- **ARC-CO yield 33**      **PLC yield 27**

		Yield				
		27	30	33	36	40
MYA Price	PLC Payment	ARC Payment				
\$9.20	\$0.00	\$19.97	\$0.00	\$0.00	\$0.00	\$0.00
\$9.10	\$0.00	\$22.26	\$0.00	\$0.00	\$0.00	\$0.00
\$9.00	\$0.00	\$24.56	\$1.61	\$0.00	\$0.00	\$0.00
\$8.90	\$0.00	\$26.85	\$4.16	\$0.00	\$0.00	\$0.00
\$8.80	\$0.00	\$26.88	\$6.71	\$0.00	\$0.00	\$0.00
\$8.70	\$0.00	\$26.88	\$9.26	\$0.00	\$0.00	\$0.00
\$8.60	\$0.00	\$26.88	\$11.81	\$0.00	\$0.00	\$0.00
\$8.50	\$0.00	\$26.88	\$14.36	\$0.00	\$0.00	\$0.00
\$8.40	\$0.00	\$26.88	\$16.91	\$0.00	\$0.00	\$0.00
\$8.30	\$2.30	\$26.88	\$19.46	\$0.00	\$0.00	\$0.00
\$8.20	\$4.59	\$26.88	\$22.01	\$1.10	\$0.00	\$0.00
\$8.10	\$6.89	\$26.88	\$24.56	\$3.90	\$0.00	\$0.00
\$8.00	\$9.18	\$26.88	\$26.88	\$6.71	\$0.00	\$0.00

Average yields

Projected  
2019 MYA  
9.00

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™

# Pennington 2019 Soybeans

- **ARC-CO yield 33**      **PLC yield 27**

		Yield				
		27	30	33	36	40
MYA Price	PLC Payment	ARC Payment				
\$9.20	\$0.00	\$19.97	\$0.00	\$0.00	\$0.00	\$0.00
\$9.10	\$0.00	\$22.26	\$0.00	\$0.00	\$0.00	\$0.00
\$9.00	\$0.00	\$24.56	\$1.61	\$0.00	\$0.00	\$0.00
\$8.90	\$0.00	\$26.85	\$4.16	\$0.00	\$0.00	\$0.00
\$8.80	\$0.00	\$26.88	\$6.71	\$0.00	\$0.00	\$0.00
\$8.70	\$0.00	\$26.88	\$9.26	\$0.00	\$0.00	\$0.00
\$8.60	\$0.00	\$26.88	\$11.81	\$0.00	\$0.00	\$0.00
\$8.50	\$0.00	\$26.88	\$14.36	\$0.00	\$0.00	\$0.00
\$8.40	\$0.00	\$26.88	\$16.91	\$0.00	\$0.00	\$0.00
\$8.30	\$2.30	\$26.88	\$19.46	\$0.00	\$0.00	\$0.00
\$8.20	\$4.59	\$26.88	\$22.01	\$1.10	\$0.00	\$0.00
\$8.10	\$6.89	\$26.88	\$24.56	\$3.90	\$0.00	\$0.00
\$8.00	\$9.18	\$26.88	\$26.88	\$6.71	\$0.00	\$0.00

Lower yields

30 bu county  
yield produces  
an ARC pymt

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™

# Pennington 2019 Wheat

- **ARC-CO yield 65**      **PLC yield 54**

		Yield				
		53	59	65	72	78
	PLC	ARC				
MYA Price	Payment	Payment				
\$5.90	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00
\$5.80	\$0.00	\$8.10	\$0.00	\$0.00	\$0.00	\$0.00
\$5.70	\$0.00	\$12.61	\$0.00	\$0.00	\$0.00	\$0.00
\$5.60	\$0.00	\$17.11	\$0.00	\$0.00	\$0.00	\$0.00
\$5.50	\$0.00	\$21.62	\$0.00	\$0.00	\$0.00	\$0.00
\$5.40	\$4.59	\$26.12	\$0.00	\$0.00	\$0.00	\$0.00
\$5.30	\$9.18	\$30.63	\$3.60	\$0.00	\$0.00	\$0.00
\$5.20	\$13.77	\$31.32	\$8.61	\$0.00	\$0.00	\$0.00
\$5.10	\$18.36	\$31.32	\$13.63	\$0.00	\$0.00	\$0.00
\$5.00	\$22.95	\$31.32	\$18.64	\$0.00	\$0.00	\$0.00
\$4.90	\$27.54	\$31.32	\$23.66	\$0.00	\$0.00	\$0.00
\$4.80	\$32.13	\$31.32	\$28.67	\$4.19	\$0.00	\$0.00
\$4.70	\$36.72	\$31.32	\$31.32	\$9.72	\$0.00	\$0.00

Average yields

Projected  
2019 MYA  
4.70

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™

# Pennington 2019 Wheat

- **ARC-CO yield 65**      **PLC yield 54**

				Yield		
		53	59	65	72	78
MYA Price	PLC Payment			ARC Payment		
\$5.90	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00
\$5.80	\$0.00	\$8.10	\$0.00	\$0.00	\$0.00	\$0.00
\$5.70	\$0.00	\$12.61	\$0.00	\$0.00	\$0.00	\$0.00
\$5.60	\$0.00	\$17.11	\$0.00	\$0.00	\$0.00	\$0.00
\$5.50	\$0.00	\$21.62	\$0.00	\$0.00	\$0.00	\$0.00
\$5.40	\$4.59	\$26.12	\$0.00	\$0.00	\$0.00	\$0.00
\$5.30	\$9.18	\$30.63	\$3.60	\$0.00	\$0.00	\$0.00
\$5.20	\$13.77	\$31.32	\$8.61	\$0.00	\$0.00	\$0.00
\$5.10	\$18.36	\$31.32	\$13.63	\$0.00	\$0.00	\$0.00
\$5.00	\$22.95	\$31.32	\$18.64	\$0.00	\$0.00	\$0.00
\$4.90	\$27.54	\$31.32	\$23.66	\$0.00	\$0.00	\$0.00
\$4.80	\$32.13	\$31.32	\$28.67	\$4.19	\$0.00	\$0.00
\$4.70	\$36.72	\$31.32	\$31.32	\$9.72	\$0.00	\$0.00

Lower yields

57 bu county  
yield produces  
an ARC pymt  
larger than PLC

© 2019 Regents of the University of Minnesota. All rights reserved.



UNIVERSITY OF MINNESOTA | EXTENSION  
Driven to Discover™