

**Revenue and Costs for
Corn, Soybeans, Wheat, and Double-Crop Soybeans,
Actual for 2011 through 2016, Projected 2017 and 2018**



Introduction

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This publication presents revenues and costs for producing corn, soybeans, wheat, and double-crop soybeans in three regions of Illinois: northern, central, and southern Illinois. Central Illinois is further divided into categories for high-productivity farmland and low-productivity farmland. Divisions between high and low farmland productivity are made based on soil productivity ratings. Generally, farms with higher soil productivity ratings have higher yields. Between 2011 and 2016, corn yields on high productivity farmland averaged 192 bushels per acre while corn yields on low productivity farmland averaged 179 bushels.

This publication includes ten tables:

1. Corn Revenue and Costs, Northern Illinois
2. Soybean Revenue and Costs, Northern Illinois
3. Corn Revenue and Costs, Central Illinois with High Productivity Farmland
4. Soybean Revenue and Costs, Central Illinois with High Productivity Farmland
5. Corn Revenue and Costs, Central Illinois with Low Productivity Farmland
6. Soybean Revenue and Costs, Central Illinois with Low Productivity Farmland
7. Corn Revenue and Costs, Southern Illinois
8. Soybean Revenue and Costs, Southern Illinois
9. Wheat Revenue and Costs, Southern Illinois
10. Double-Crop Soybean Revenue and Costs, Southern Illinois

Each table shows revenues and costs for 2011 through 2016. These financial results are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Values for 2017 and 2018 are projections made based on expected yields, prices on futures exchanges, and input prices.

All revenues associated with crop production are included in the tables. Revenues include crop revenue, Agricultural Risk Coverage (ARC) payments, Price Loss Coverage (PLC) payments, Average Crop Revenue Election (ACRE) payments, other government payments, and crop insurance payments. Crop revenue represents returns from marketed grain and equals yield times price per bushel. Price per bushel represents a market year average price that farmers received for grain. Crop insurance represents average indemnity payments from crop insurance.

Non-land costs are divided into 1) direct costs – costs that can be directly attributable to the production of the crop, 2) power costs – costs generally related to machinery operations, and 3) overhead costs – costs associated with general operation of the farm.

These costs are accrued so that they are associated with the year of production. For example, fertilizer costs for 2016 may have been incurred in 2015. Any fertilizer expense associated with 2016 production paid in 2015 is in the 2016 budget values.

Subtracting non-land costs from revenue yields “operator and land return”. This is the return remaining to pay for farmland and provide a return to the operator. In a cash rent situation, the payment for farmland is cash rent. If the operator and land return is \$170 per acre and cash rent is \$150 then the farmer return is \$20 per acre.

An average land costs is included in this publication. Land costs represent a charge for use of the land. In this publication, land costs equal the average cash rent paid by farmers to land owners. This data is obtained from the Nationally Agricultural Statistical Service. Other means of controlling farmland, such as owning farmland or share-renting farmland, could have different costs.

Farmer return is then reported. Farmer return equals operator and land return minus land costs. This is the amount that farmers have to provide a return for unpaid labor, equity capital invested in the farm, and management. Farmer return is equivalent to net farm income per acre.

Acknowledgments: Much of the data used in these budgets comes from the local Farm Business Farm Management (FBFM) Associations across the State of Illinois. Without their cooperation, information as comprehensive and accurate as this would not be available for educational purposes. FBFM, which consists of 5,500 plus farmers and 60 professional field staff, is a not-for-profit organization available to all farm operators in Illinois. FBFM field staff provides on-farm counsel with computerized recordkeeping, farm financial management, business entity planning and income tax management. For more information, please contact the State FBFM Office located at the University of Illinois Department of Agricultural and Consumer Economics at 217-333-5511 or visit the FBFM website at www.fbfm.org.

**Table 1. Corn Revenues and Costs, Northern Illinois
Actual for 2011 through 2016, Projected for 2017 and 2018.¹**

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	177	143	204	208	194	223	221	202
Price per bu	\$6.10	\$6.75	\$4.61	\$3.91	\$3.72	\$3.52	\$3.50	\$3.60
Crop revenue	\$1,080	\$965	\$940	\$813	\$722	\$785	\$774	\$727
ARC/PLC or ACRE	0	0	0	38	55	25	5	0
Other gov't payments	23	23	21	0	0	0	0	0
Crop insurance proceeds	7	173	48	46	27	5	20	0
Gross revenue	\$1,110	\$1,161	\$1,009	\$897	\$804	\$815	\$799	\$727
Fertilizers	158	200	199	174	161	144	124	120
Pesticides	47	57	60	65	59	56	60	60
Seed	97	110	118	123	120	118	116	115
Drying	21	18	29	34	17	15	15	15
Storage	5	4	5	7	7	9	7	7
Crop insurance	34	28	28	28	24	24	24	24
Total direct costs	\$362	\$417	\$439	\$431	\$388	\$366	\$346	\$341
Machine hire/lease	18	16	19	20	18	18	18	18
Utilities	5	5	5	6	6	6	6	6
Machine repair	21	25	28	30	26	26	25	24
Fuel and oil	23	24	27	29	18	18	17	17
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	44	57	69	74	72	67	65	64
Total power costs	\$113	\$129	\$150	\$161	\$142	\$137	\$133	\$131
Hired labor	18	17	18	19	19	19	18	18
Building repair and rent	11	11	9	10	8	8	7	7
Building depreciation	13	15	16	18	18	18	18	18
Insurance	7	9	13	9	11	11	11	11
Misc	9	9	8	10	9	9	9	9
Interest (non-land)	16	14	17	17	18	18	19	20
Total overhead costs	\$74	\$75	\$81	\$83	\$83	\$83	\$82	\$83
Total non-land costs	\$549	\$621	\$670	\$675	\$613	\$586	\$561	\$555
Operator and land return	\$561	\$540	\$339	\$222	\$191	\$229	\$238	\$172
Land costs	222	247	262	265	252	253	250	247
Farmer return	\$339	\$293	\$77	-\$43	-\$61	-\$24	-\$13	-\$75

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

**Table 2. Soybean Revenues and Costs, Northern Illinois
Actual for 2011 through 2016, Projected for 2017 and 2018.¹**

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	60	51	59	61	61	66	65	62
Price per bu	\$12.71	\$14.51	\$13.21	\$10.49	\$9.27	\$9.66	\$9.50	\$9.60
Crop revenue	\$763	\$740	\$779	\$640	\$565	\$638	\$618	\$595
ARC/PLC or ACRE	0	0	0	38	55	25	5	0
Other gov't payments	23	23	20	0	0	0	0	0
Crop insurance proceeds	4	25	5	4	7	4	7	0
Gross revenue	\$790	\$788	\$804	\$682	\$627	\$667	\$630	\$595
Fertilizers	38	49	49	44	41	30	25	22
Pesticides	28	34	35	39	35	30	29	29
Seed	53	62	68	71	69	76	74	73
Drying	1	1	1	1	0	0	0	0
Storage	2	2	2	2	3	3	3	3
Crop insurance	23	19	19	19	16	16	16	16
Total direct costs	\$145	\$167	\$174	\$176	\$164	\$155	\$147	\$143
Machine hire/lease	16	15	16	17	16	16	15	15
Utilities	4	4	5	5	5	5	5	5
Machine repair	18	24	24	26	22	22	18	17
Fuel and oil	21	23	23	24	15	17	15	15
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	26	49	60	63	62	57	55	54
Total power costs	\$87	\$117	\$130	\$137	\$122	\$119	\$110	\$108
Hired labor	17	16	16	17	17	17	16	16
Building repair and rent	6	5	5	5	4	4	4	4
Building depreciation	7	8	8	9	9	9	8	8
Insurance	7	9	12	9	11	11	10	10
Misc	9	9	8	10	9	9	9	9
Interest (non-land)	13	13	14	14	15	15	16	17
Total overhead costs	\$59	\$60	\$63	\$64	\$65	\$65	\$63	\$64
Total non-land costs	\$291	\$344	\$367	\$377	\$351	\$339	\$320	\$315
Operator and land return	\$499	\$444	\$437	\$305	\$276	\$328	\$310	\$280
Land costs	222	247	262	265	252	253	250	247
Farmer return	\$277	\$197	\$175	\$40	\$24	\$75	\$60	\$33

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

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Table 3. Corn Revenues and Costs, Central Illinois -- High Productivity Farmland, Actual for 2011 through 2016, Projected for 2017 and 2018.¹

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	174	126	197	231	200	228	226	205
Price per bu	\$6.24	\$6.93	\$4.52	\$3.76	\$3.72	\$3.47	\$3.50	\$3.60
Crop revenue	\$1,086	\$873	\$890	\$869	\$744	\$791	\$791	\$738
ARC/PLC or ACRE	0	0	0	4	45	20	5	0
Other gov't payments	24	24	22	0	0	0	0	0
Crop insurance proceeds	23	295	61	10	31	5	20	0
Gross revenue	\$1,133	\$1,192	\$973	\$883	\$820	\$816	\$816	\$738
Fertilizers	159	200	193	171	166	154	134	129
Pesticides	50	49	66	67	66	64	65	65
Seed	96	108	114	120	118	118	118	117
Drying	19	16	24	28	15	13	11	11
Storage	8	7	8	12	14	11	10	10
Crop insurance	30	25	27	24	24	21	21	21
Total direct costs	\$362	\$405	\$432	\$422	\$403	\$381	\$359	\$353
Machine hire/lease	8	10	11	12	12	12	12	12
Utilities	4	5	5	5	5	5	5	5
Machine repair	17	22	22	24	22	22	21	20
Fuel and oil	18	23	24	24	17	14	14	14
Light vehicle	1	2	2	2	1	1	1	1
Mach. depreciation	39	55	63	65	67	65	63	62
Total power costs	\$87	\$117	\$127	\$132	\$124	\$119	\$116	\$114
Hired labor	14	14	16	16	17	17	17	17
Building repair and rent	5	8	6	6	5	4	4	4
Building depreciation	6	9	5	11	12	12	12	12
Insurance	8	9	10	10	10	12	11	11
Misc	8	8	8	9	8	8	8	8
Interest (non-land)	13	11	11	11	13	13	14	15
Total overhead costs	\$54	\$59	\$56	\$63	\$65	\$66	\$66	\$67
Total non-land costs	\$503	\$581	\$615	\$617	\$592	\$566	\$541	\$534
Operator and land return	\$630	\$611	\$358	\$266	\$228	\$250	\$275	\$204
Land costs	248	270	290	293	278	273	270	267
Farmer return	\$382	\$341	\$68	-\$27	-\$50	-\$23	\$5	-\$63

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

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Table 4. Soybean Revenues and Costs, Central Illinois -- High Productivity Farmland, Actual for 2011 through 2016, Projected for 2017 and 2018.¹

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	56	50	58	64	66	69	67	63
Price per bu	\$12.75	\$14.66	\$13.35	\$10.67	\$9.39	\$9.65	\$9.50	\$9.60
Crop revenue	\$714	\$733	\$774	\$683	\$620	\$666	\$637	\$605
ARC/PLC or ACRE	0	0	0	4	45	20	5	0
Other gov't payments	24	24	22	0	0	0	0	0
Crop insurance proceeds	11	26	6	5	7	4	7	0
Gross revenue	\$749	\$783	\$802	\$692	\$672	\$690	\$649	\$605
Fertilizers	55	68	65	58	56	49	39	36
Pesticides	31	39	40	41	40	40	39	39
Seed	62	69	73	77	76	74	74	73
Drying	1	1	1	1	1	1	1	1
Storage	4	4	4	7	8	8	8	8
Crop insurance	20	17	18	18	16	14	14	14
Total direct costs	\$173	\$198	\$201	\$202	\$197	\$186	\$175	\$171
Machine hire/lease	8	9	9	10	11	11	11	11
Utilities	3	4	4	5	4	4	4	4
Machine repair	16	19	20	22	19	20	20	19
Fuel and oil	17	20	21	21	15	12	12	12
Light vehicle	1	1	1	2	1	1	1	1
Mach. depreciation	35	48	55	57	57	58	57	55
Total power costs	\$80	\$101	\$110	\$117	\$107	\$106	\$105	\$102
Hired labor	14	13	15	16	16	16	16	16
Building repair and rent	4	6	5	5	4	4	4	4
Building depreciation	5	8	9	9	10	10	10	10
Insurance	8	9	10	10	10	11	11	11
Misc	8	8	8	9	8	8	8	8
Interest (non-land)	11	10	10	10	11	12	12	13
Total overhead costs	\$50	\$54	\$57	\$59	\$59	\$61	\$61	\$62
Total non-land costs	\$303	\$353	\$368	\$378	\$363	\$353	\$341	\$335
Operator and land return	\$446	\$430	\$434	\$314	\$309	\$337	\$308	\$270
Land costs	248	270	290	293	278	273	270	267
Farmer return	\$198	\$160	\$144	\$21	\$31	\$64	\$38	\$3

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

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Table 5. Corn Revenues and Costs, Central Illinois -- Low Productivity Farmland, Actual for 2011 through 2016, Projected for 2017 and 2018.¹

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	158	115	183	215	185	218	218	195
Price per bu	\$6.21	\$6.77	\$4.51	\$3.83	\$3.82	\$3.69	\$3.50	\$3.60
Crop revenue	\$981	\$779	\$825	\$823	\$707	\$804	\$763	\$702
ARC/PLC or ACRE	0	0	0	4	43	25	5	0
Other gov't payments	24	24	22	0	0	0	0	0
Crop insurance proceeds	23	295	61	10	31	5	20	0
Gross revenue	\$1,028	\$1,098	\$908	\$837	\$781	\$834	\$788	\$702
Fertilizers	164	206	202	171	169	154	134	129
Pesticides	50	60	66	66	68	64	68	68
Seed	100	113	120	122	123	118	118	117
Drying	15	14	19	26	13	13	11	11
Storage	6	5	7	11	13	11	10	10
Crop insurance	28	26	26	26	22	22	22	22
Total direct costs	\$363	\$424	\$440	\$422	\$408	\$382	\$363	\$357
Machine hire/lease	11	12	13	13	13	13	13	13
Utilities	5	6	5	6	6	6	6	6
Machine repair	20	24	25	25	24	24	23	22
Fuel and oil	20	24	24	24	16	18	17	17
Light vehicle	2	2	2	2	1	1	1	1
Mach. depreciation	40	53	62	65	67	65	63	62
Total power costs	\$98	\$121	\$131	\$135	\$127	\$127	\$123	\$121
Hired labor	13	15	15	16	16	16	15	15
Building repair and rent	7	8	9	6	6	6	5	5
Building depreciation	9	11	11	12	13	13	13	13
Insurance	8	9	10	10	10	10	10	10
Misc	7	8	8	8	8	8	8	8
Interest (non-land)	16	14	14	13	13	14	15	16
Total overhead costs	\$60	\$65	\$67	\$65	\$66	\$67	\$66	\$67
Total non-land costs	\$521	\$610	\$638	\$622	\$601	\$576	\$552	\$545
Operator and land return	\$507	\$488	\$270	\$215	\$180	\$258	\$236	\$157
Land costs	208	233	240	243	230	230	225	222
Farmer return	\$299	\$255	\$30	-\$28	-\$50	\$28	\$11	-\$65

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

Table 6. Soybean Revenues and Costs, Central Illinois -- Low Productivity Farmland, Actual for 2011 through 2016, Projected for 2017 and 2018.¹

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	52	47	53	61	61	63	62	59
Price per bu	\$12.76	\$14.46	\$13.21	\$10.51	\$9.34	\$9.61	\$9.50	\$9.60
Crop revenue	\$664	\$680	\$700	\$641	\$570	\$605	\$589	\$566
ARC/PLC or ACRE	0	0	0	4	43	25	5	0
Other gov't payments	24	24	22	0	0	0	0	0
Crop insurance proceeds	11	26	6	5	7	4	7	0
Gross revenue	\$699	\$730	\$728	\$650	\$620	\$634	\$601	\$566
Fertilizers	46	59	55	49	49	44	34	31
Pesticides	32	38	38	22	43	41	42	42
Seed	52	60	55	64	65	62	63	62
Drying	1	1	1	2	1	1	1	1
Storage	2	2	2	4	4	4	4	4
Crop insurance	19	17	17	18	15	15	16	16
Total direct costs	\$152	\$177	\$168	\$159	\$177	\$167	\$160	\$156
Machine hire/lease	9	11	11	11	12	12	10	10
Utilities	4	5	5	5	5	5	5	5
Machine repair	18	21	21	22	21	22	18	17
Fuel and oil	18	21	21	21	14	16	15	15
Light vehicle	1	2	2	2	1	1	1	1
Mach. depreciation	34	44	46	56	57	56	54	53
Total power costs	\$84	\$104	\$106	\$117	\$110	\$112	\$103	\$101
Hired labor	13	14	14	15	15	16	15	15
Building repair and rent	5	6	6	4	4	4	4	4
Building depreciation	6	7	7	9	9	11	10	10
Insurance	8	9	9	10	10	10	10	10
Misc	7	8	8	8	8	8	8	8
Interest (non-land)	14	12	12	11	12	13	14	15
Total overhead costs	\$53	\$56	\$56	\$57	\$58	\$62	\$61	\$62
Total non-land costs	\$289	\$337	\$330	\$333	\$345	\$341	\$324	\$319
Operator and land return	\$410	\$393	\$398	\$317	\$275	\$293	\$277	\$247
Land costs	208	233	240	243	230	230	225	222
Farmer return	\$202	\$160	\$158	\$74	\$45	\$63	\$52	\$25

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**Table 7. Corn Revenues and Costs, Southern Illinois,
Actual for 2011 through 2016, Projected for 2017 and 2018.¹**

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	141	56	183	194	163	163	163	165
Price per bu	\$6.39	\$6.84	\$4.69	\$3.94	\$3.88	\$3.54	\$3.50	\$3.60
Crop revenue	\$901	\$383	\$858	\$764	\$632	\$577	\$571	\$594
ARC/PLC or ACRE	0	0	0	2	38	25	5	0
Other gov't payments	21	21	19	0	0	0	0	0
Crop insurance proceeds	41	532	41	7	35	5	20	0
Gross revenue	\$963	\$936	\$918	\$773	\$705	\$607	\$596	\$594
Fertilizers	163	199	198	170	171	138	118	113
Pesticides	52	54	66	67	66	68	66	66
Seed	88	101	111	116	108	112	114	113
Drying	11	5	17	19	8	6	6	6
Storage	2	2	3	6	6	9	7	7
Crop insurance	20	22	24	24	19	20	18	18
Total direct costs	\$336	\$383	\$419	\$402	\$378	\$353	\$329	\$323
Machine hire/lease	8	11	10	12	13	12	12	12
Utilities	5	5	6	6	7	7	7	7
Machine repair	26	26	30	27	28	29	27	26
Fuel and oil	24	29	29	28	20	12	17	17
Light vehicle	2	2	2	2	1	2	2	2
Mach. depreciation	50	59	67	71	74	68	66	65
Total power costs	\$115	\$132	\$144	\$146	\$143	\$130	\$131	\$129
Hired labor	13	20	26	29	30	26	30	30
Building repair and rent	7	10	8	8	7	7	7	7
Building depreciation	9	14	16	17	19	19	19	19
Insurance	9	11	12	14	13	12	12	12
Misc	7	8	9	8	10	12	12	12
Interest (non-land)	16	14	12	13	14	17	18	19
Total overhead costs	\$61	\$77	\$83	\$89	\$93	\$93	\$98	\$99
Total non-land costs	\$512	\$592	\$646	\$637	\$614	\$576	\$558	\$551
Operator and land return	\$451	\$344	\$272	\$136	\$91	\$31	\$38	\$43
Land costs	137	144	160	163	159	164	160	157
Farmer return	\$314	\$200	\$112	-\$27	-\$68	-\$133	-\$123	-\$114

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

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Table 8. Soybean Revenues and Costs, Southern Illinois, Actual for 2011 through 2016, Projected for 2017 and 2018.¹

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	44	41	49	55	52	56	54	50
Price per bu	\$12.86	\$14.54	\$13.43	\$10.46	\$9.51	\$9.65	\$9.55	\$9.60
Crop revenue	\$566	\$596	\$658	\$575	\$495	\$540	\$516	\$480
ARC/PLC or ACRE	0	0	0	2	38	25	5	0
Other gov't payments	21	21	19	0	0	0	0	0
Crop insurance proceeds	29	67	17	5	24	4	16	0
Gross revenue	\$616	\$684	\$694	\$582	\$557	\$569	\$537	\$480
Fertilizers	50	61	63	54	54	44	34	31
Pesticides	38	39	46	47	46	48	46	46
Seed	52	54	64	67	62	64	65	64
Drying	1	1	1	1	0	0	0	0
Storage	1	1	2	4	4	7	6	6
Crop insurance	14	14	16	18	13	13	13	13
Total direct costs	\$156	\$170	\$192	\$191	\$179	\$176	\$164	\$160
Machine hire/lease	9	10	9	9	12	11	11	11
Utilities	4	5	6	4	6	7	6	6
Machine repair	20	24	28	21	26	27	27	26
Fuel and oil	19	22	27	21	18	11	16	16
Light vehicle	1	2	2	1	1	2	1	1
Mach. depreciation	48	56	64	67	69	65	63	62
Total power costs	\$101	\$119	\$136	\$123	\$132	\$123	\$124	\$122
Hired labor	19	20	24	25	27	23	24	24
Building repair and rent	6	6	5	5	4	4	4	4
Building depreciation	5	8	9	10	11	10	10	10
Insurance	9	11	12	14	13	12	11	11
Misc	7	8	9	8	10	10	10	10
Interest (non-land)	13	14	13	13	14	16	17	18
Total overhead costs	\$59	\$67	\$72	\$75	\$79	\$75	\$76	\$77
Total non-land costs	\$316	\$356	\$400	\$389	\$390	\$374	\$364	\$359
Operator and land return	\$300	\$328	\$294	\$193	\$167	\$195	\$173	\$121
Land costs	137	144	160	163	159	164	160	157
Farmer return	\$163	\$184	\$134	\$30	\$8	\$31	\$13	-\$36

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

**Table 9. Wheat Revenues and Costs, Southern Illinois,
Actual for 2011 through 2016, Projected for 2017 and 2018.¹**

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	61	72	76	68	66	80	70	71
Price per bu	6.55	\$7.13	\$6.45	\$5.50	\$3.85	\$3.90	\$4.30	\$4.70
Crop revenue	\$400	\$513	\$490	\$374	\$254	\$312	\$301	\$334
ARC/PLC or ACRE	0	0	0	20	38	25	5	0
Other gov't payments	21	21	0	0	0	0	0	0
Crop insurance proceeds	12	0	25	10	5	5	0	0
Gross revenue	\$433	\$534	\$515	\$404	\$297	\$342	\$306	\$334
Fertilizers	109	103	105	106	110	103	90	87
Pesticides	19	22	27	34	28	28	28	28
Seed	41	44	47	51	42	42	42	41
Drying	1	0	1	1	1	1	1	1
Storage	1	1	1	1	1	1	1	1
Crop insurance	7	8	9	9	8	8	8	8
Total direct costs	\$178	\$178	\$190	\$202	\$190	\$183	\$170	\$166
Machine hire/lease	12	17	18	15	14	14	14	14
Utilities	6	6	7	7	7	7	7	7
Machine repair	23	23	28	30	32	33	32	31
Fuel and oil	19	23	26	26	19	14	14	14
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	34	40	45	48	51	48	47	46
Total power costs	\$96	\$111	\$126	\$128	\$125	\$118	\$116	\$114
Hired labor	10	15	16	16	15	13	13	13
Building repair and rent	7	7	8	8	8	6	6	6
Building depreciation	5	6	7	7	7	6	10	10
Insurance	8	9	9	9	9	9	9	9
Misc	6	7	7	7	7	7	7	7
Interest (non-land)	18	16	16	16	16	17	18	19
Total overhead costs	\$54	\$60	\$63	\$63	\$62	\$58	\$63	\$64
Total non-land costs	\$328	\$349	\$379	\$393	\$377	\$359	\$349	\$344
Operator and land return	\$105	\$185	\$136	\$11	-\$80	-\$17	-\$43	-\$10
Land costs ²	137	144	160	163	159	164	160	157
Farmer return	-\$32	\$41	-\$24	-\$152	-\$239	-\$181	-\$203	-\$167

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

Prepared by: Gary Schnitkey, University of Illinois, schnitke@illinois.edu, 217 244-9595, February 2018. Available in the management section of *farmdoc* (www.farmdoc.illinois.edu).

**Table 10. Double-Crop Soybean Revenues and Costs, Southern Illinois,
Actual for 2011 through 2016, Projected for 2017 and 2018.¹**

	Year							
	2011	2012	2013	2014	2015	2016	2017P	2018P
Yield per acre	36	17	32	44	34	51	40	40
Price per bu	\$12.86	\$14.54	\$13.43	\$10.46	\$9.51	\$9.65	\$9.50	\$9.60
Crop revenue	\$463	\$247	\$430	\$460	\$323	\$492	\$380	\$384
ARC/PLC or ACRE	0	0	0	0	0	0	0	0
Other gov't payments	0	0	0	0	0	0	0	0
Crop insurance proceeds	4	12	8	5	6	5	0	0
Gross revenue	\$467	\$259	\$438	\$465	\$329	\$497	\$380	\$384
Fertilizers	32	38	38	31	32	30	26	23
Pesticides	29	30	37	40	36	40	40	40
Seed	42	43	47	46	46	49	49	48
Drying	0	0	0	0	0	0	0	0
Storage	1	1	1	1	1	1	1	1
Crop insurance	4	4	5	5	4	4	4	4
Total direct costs	\$108	\$116	\$128	\$123	\$119	\$124	\$120	\$116
Machine hire/lease	10	11	11	11	11	11	11	11
Utilities	4	5	5	5	5	5	5	5
Machine repair	22	26	26	28	27	28	26	25
Fuel and oil	16	19	21	21	21	20	20	20
Light vehicle	1	2	2	2	2	2	2	2
Mach. depreciation	23	27	28	30	30	30	28	27
Total power costs	\$76	\$90	\$93	\$97	\$96	\$96	\$92	\$90
Hired labor	12	13	13	13	13	13	12	12
Building repair and rent	7	7	6	6	6	6	6	6
Building depreciation	3	5	5	5	5	5	5	5
Insurance	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0	0
Interest (non-land)	7	8	7	7	7	7	8	9
Total overhead costs	\$29	\$33	\$31	\$31	\$31	\$31	\$31	\$32
Total non-land costs	\$213	\$239	\$252	\$251	\$246	\$251	\$243	\$238
Operator and land return	\$254	\$20	\$186	\$214	\$83	\$246	\$137	\$146
Land costs ²	0	0	0	0	0	0	0	0
Farmer return	\$254	\$20	\$186	\$214	\$83	\$246	\$137	\$146

¹Results for 2011 through 2016 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2017 and 2018.

² Land costs and farmer return are only applied to the wheat budget.

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