

**Revenue and Costs for  
Illinois Grain Crops,  
Actual for 2014 through 2019, Projected for 2020 and 2021**



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August 2020

## **Introduction**

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August 2020

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 2013 and 2019, corn yields on high productivity farmland averaged 222 bushels per acre while corn yields on low productivity farmland averaged 207 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 2014 through 2019. These financial results are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Values for 2020 and 2021 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, other government payments (Market Facilitation Program payments and Coronavirus Food Assistance Program (CFAP) 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 2018 may have been incurred in 2017. Any fertilizer expense associated with 2018 production paid in 2017 is in the 2018 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](http://www.fbfm.org).

**Table 1. Corn Revenues and Costs, Northern Illinois,  
Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	208	194	223	219	214	191	210	212
Price per bu	\$3.91	\$3.77	\$3.52	3.40	\$3.60	\$3.66	\$3.25	\$3.40
Crop revenue	\$813	\$731	\$785	\$745	\$770	\$699	\$683	\$721
ARC/PLC	38	55	22	5	0	10	35	30
Other gov't payments	0	0	0	0	1	101	80	0
Crop insurance proceeds	46	27	1	10	6	12	0	0
<b>Gross revenue</b>	<b>\$897</b>	<b>\$813</b>	<b>\$808</b>	<b>\$760</b>	<b>\$778</b>	<b>\$822</b>	<b>\$798</b>	<b>\$751</b>
Fertilizers	174	161	144	124	126	134	125	123
Pesticides	65	59	56	58	61	54	60	60
Seed	123	120	118	115	112	107	112	113
Drying	34	17	15	23	15	28	15	15
Storage	7	7	9	8	10	10	10	10
Crop insurance	28	24	24	24	24	23	23	22
<b>Total direct costs</b>	<b>\$431</b>	<b>\$388</b>	<b>\$366</b>	<b>\$352</b>	<b>\$348</b>	<b>\$356</b>	<b>\$345</b>	<b>\$343</b>
Machine hire/lease	20	18	18	20	24	26	26	26
Utilities	6	6	6	6	6	6	6	6
Machine repair	30	26	26	27	28	27	27	27
Fuel and oil	29	18	18	17	21	17	17	17
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	74	72	67	66	63	58	58	57
<b>Total power costs</b>	<b>\$161</b>	<b>\$142</b>	<b>\$137</b>	<b>\$138</b>	<b>\$144</b>	<b>\$136</b>	<b>\$136</b>	<b>\$135</b>
Hired labor	19	19	19	20	23	23	23	23
Building repair and rent	10	8	8	9	6	9	9	9
Building depreciation	18	18	18	19	16	15	17	17
Insurance	9	11	11	12	10	10	10	10
Misc	10	9	9	10	10	9	9	9
Interest (non-land)	17	18	18	20	23	26	26	27
<b>Total overhead costs</b>	<b>\$83</b>	<b>\$83</b>	<b>\$83</b>	<b>\$90</b>	<b>\$88</b>	<b>\$92</b>	<b>\$94</b>	<b>\$95</b>
<b>Total non-land costs</b>	<b>\$675</b>	<b>\$613</b>	<b>\$586</b>	<b>\$580</b>	<b>\$580</b>	<b>\$584</b>	<b>\$575</b>	<b>\$573</b>
<b>Operator and land return</b>	<b>\$222</b>	<b>\$200</b>	<b>\$222</b>	<b>\$180</b>	<b>\$198</b>	<b>\$238</b>	<b>\$223</b>	<b>\$178</b>
Land costs	265	252	253	241	253	253	253	253
<b>Farmer return</b>	<b>-\$43</b>	<b>-\$52</b>	<b>-\$31</b>	<b>-\$61</b>	<b>-\$56</b>	<b>-\$15</b>	<b>-\$31</b>	<b>-\$75</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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Available in the management section of *farmdoc* ([www.farmdoc.illinois.edu](http://www.farmdoc.illinois.edu)).

**Table 2. Soybean Revenues and Costs, Northern Illinois  
Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	61	61	66	59	67	58	62	62
Price per bu	\$10.49	\$9.18	\$9.66	\$9.61	\$9.27	\$8.81	\$8.25	\$8.50
Crop revenue	\$640	\$560	\$638	\$567	\$621	\$511	\$512	\$527
ARC/PLC	38	55	22	5	0	10	35	30
Other gov't payments	0	0	0	0	111	86	80	0
Crop insurance proceeds	4	7	1	8	6	10	0	0
<b>Gross revenue</b>	<b>\$682</b>	<b>\$622</b>	<b>\$661</b>	<b>\$580</b>	<b>\$738</b>	<b>\$617</b>	<b>\$627</b>	<b>\$557</b>
Fertilizers	44	41	37	31	32	34	31	31
Pesticides	39	35	34	35	36	33	36	36
Seed	71	69	69	67	66	63	73	73
Drying	1	0	0	0	0	1	1	1
Storage	2	3	3	3	4	4	4	4
Crop insurance	19	16	16	16	16	15	15	14
<b>Total direct costs</b>	<b>\$176</b>	<b>\$164</b>	<b>\$159</b>	<b>\$152</b>	<b>\$154</b>	<b>\$150</b>	<b>\$160</b>	<b>\$159</b>
Machine hire/lease	17	16	16	17	21	22	22	22
Utilities	5	5	5	5	5	5	5	5
Machine repair	26	22	22	23	24	23	23	23
Fuel and oil	24	15	15	15	18	14	14	14
Light vehicle	2	2	2	2	1	2	2	2
Mach. depreciation	63	62	57	57	54	49	56	56
<b>Total power costs</b>	<b>\$137</b>	<b>\$122</b>	<b>\$117</b>	<b>\$119</b>	<b>\$123</b>	<b>\$115</b>	<b>\$122</b>	<b>\$122</b>
Hired labor	17	17	17	18	20	20	20	20
Building repair and rent	5	4	4	4	3	4	4	4
Building depreciation	9	9	9	10	8	8	8	8
Insurance	9	11	11	12	10	10	10	10
Misc	10	9	9	10	10	9	9	9
Interest (non-land)	14	15	15	17	19	22	22	22
<b>Total overhead costs</b>	<b>\$64</b>	<b>\$65</b>	<b>\$65</b>	<b>\$71</b>	<b>\$70</b>	<b>\$73</b>	<b>\$73</b>	<b>\$73</b>
<b>Total non-land costs</b>	<b>\$377</b>	<b>\$351</b>	<b>\$341</b>	<b>\$342</b>	<b>\$347</b>	<b>\$338</b>	<b>\$355</b>	<b>\$354</b>
<b>Operator and land return</b>	<b>\$305</b>	<b>\$271</b>	<b>\$320</b>	<b>\$238</b>	<b>\$391</b>	<b>\$279</b>	<b>\$272</b>	<b>\$203</b>
Land costs	265	252	253	241	253	253	253	253
<b>Farmer return</b>	<b>\$40</b>	<b>\$19</b>	<b>\$67</b>	<b>-\$3</b>	<b>\$138</b>	<b>\$26</b>	<b>\$19</b>	<b>-\$50</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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**Table 3. Corn Revenues and Costs, Central Illinois -- High Productivity Farmland, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	231	200	228	227	237	208	215	217
Price per bu	\$3.76	\$3.79	\$3.47	\$3.36	\$3.60	\$3.74	\$3.25	\$3.40
Crop revenue	\$869	\$758	\$791	\$763	\$853	\$778	\$699	\$738
ARC/PLC	4	45	12	1	0	10	35	30
Other gov't payments	0	0	0	0	1	110	80	0
Crop insurance proceeds	10	31	2	6	2	14	0	0
<b>Gross revenue</b>	<b>\$883</b>	<b>\$834</b>	<b>\$805</b>	<b>\$770</b>	<b>\$856</b>	<b>\$912</b>	<b>\$814</b>	<b>\$768</b>
Fertilizers	171	166	154	135	131	154	130	128
Pesticides	67	66	64	73	76	76	75	75
Seed	120	118	116	115	115	114	115	116
Drying	28	15	13	16	14	22	15	15
Storage	12	14	11	15	15	15	15	15
Crop insurance	24	24	22	24	22	22	22	21
Total direct costs	\$422	\$403	\$380	\$378	\$373	\$403	\$372	\$370
Machine hire/lease	12	12	12	13	14	16	16	16
Utilities	5	5	5	5	5	5	5	5
Machine repair	24	22	22	24	25	26	24	24
Fuel and oil	24	17	14	15	18	17	15	14
Light vehicle	2	1	1	1	2	1	1	1
Mach. depreciation	65	67	65	64	64	63	63	62
Total power costs	\$132	\$124	\$119	\$122	\$128	\$128	\$124	\$122
Hired labor	16	17	17	18	19	18	18	18
Building repair and rent	6	5	4	5	5	6	6	6
Building depreciation	11	12	12	12	12	11	11	11
Insurance	10	10	10	10	10	9	9	9
Misc	9	8	8	9	10	9	9	9
Interest (non-land)	11	13	13	15	17	22	22	23
Total overhead costs	\$63	\$65	\$64	\$69	\$73	\$75	\$75	\$76
<b>Total non-land costs</b>	<b>\$617</b>	<b>\$592</b>	<b>\$563</b>	<b>\$569</b>	<b>\$574</b>	<b>\$606</b>	<b>\$571</b>	<b>\$568</b>
<b>Operator and land return</b>	<b>\$266</b>	<b>\$242</b>	<b>\$242</b>	<b>\$201</b>	<b>\$282</b>	<b>\$306</b>	<b>\$243</b>	<b>\$200</b>
Land costs	293	278	273	267	274	275	275	275
<b>Farmer return</b>	<b>-\$27</b>	<b>-\$36</b>	<b>-\$31</b>	<b>-\$66</b>	<b>\$8</b>	<b>\$31</b>	<b>-\$32</b>	<b>-\$75</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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**Table 4. Soybean Revenues and Costs, Central Illinois -- High Productivity Farmland, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	64	66	69	68	74	64	68	68
Price per bu	\$10.67	\$9.08	\$9.85	\$9.62	\$9.36	\$8.85	\$8.25	\$8.50
Crop revenue	\$683	\$599	\$680	\$654	\$693	\$566	\$561	\$578
ARC/PLC	4	45	12	1	0	10	35	30
Other gov't payments	0	0	0	0	122	85	80	0
Crop insurance proceeds	5	7	1	3	4	9	0	0
<b>Gross revenue</b>	<b>\$692</b>	<b>\$651</b>	<b>\$693</b>	<b>\$658</b>	<b>\$819</b>	<b>\$670</b>	<b>\$676</b>	<b>\$608</b>
Fertilizers	58	56	49	44	42	45	40	38
Pesticides	41	40	40	44	46	46	45	45
Seed	77	76	74	73	73	73	73	74
Drying	1	1	1	1	1	0	0	0
Storage	7	8	8	8	8	8	8	8
Crop insurance	18	16	14	16	14	15	15	14
Total direct costs	\$202	\$197	\$186	\$186	\$184	\$187	\$181	\$179
Machine hire/lease	10	11	11	14	10	14	14	14
Utilities	5	4	4	4	4	5	5	5
Machine repair	22	19	20	20	18	23	19	21
Fuel and oil	21	15	12	13	13	15	13	12
Light vehicle	2	1	1	1	1	1	1	1
Mach. depreciation	57	57	58	56	56	55	54	55
Total power costs	\$117	\$107	\$106	\$108	\$102	\$113	\$106	\$108
Hired labor	16	16	17	17	18	17	17	17
Building repair and rent	5	4	4	4	4	5	5	5
Building depreciation	9	10	10	11	10	10	10	10
Insurance	10	10	10	10	10	11	11	11
Misc	9	8	8	9	10	9	9	9
Interest (non-land)	10	11	12	13	15	20	20	21
Total overhead costs	\$59	\$59	\$61	\$64	\$67	\$72	\$72	\$73
<b>Total non-land costs</b>	<b>\$378</b>	<b>\$363</b>	<b>\$353</b>	<b>\$358</b>	<b>\$353</b>	<b>\$372</b>	<b>\$359</b>	<b>\$360</b>
<b>Operator and land return</b>	<b>\$314</b>	<b>\$288</b>	<b>\$340</b>	<b>\$300</b>	<b>\$466</b>	<b>\$298</b>	<b>\$317</b>	<b>\$248</b>
Land costs	293	278	273	267	274	275	275	275
<b>Farmer return</b>	<b>\$21</b>	<b>\$10</b>	<b>\$67</b>	<b>\$33</b>	<b>\$192</b>	<b>\$23</b>	<b>\$42</b>	<b>-\$27</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

**Table 5. Corn Revenues and Costs, Central Illinois -- Low Productivity Farmland, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	215	185	218	220	219	187	204	206
Price per bu	\$3.83	\$3.82	\$3.42	\$3.33	\$3.56	\$3.71	\$3.25	\$3.40
Crop revenue	\$823	\$707	\$746	\$733	\$780	\$694	\$663	\$700
ARC/PLC	4	43	12	1	0	6	30	25
Other gov't payments	0	0	0	0	1	99	75	0
Crop insurance proceeds	10	31	3	6	3	15	0	0
<b>Gross revenue</b>	<b>\$837</b>	<b>\$781</b>	<b>\$761</b>	<b>\$740</b>	<b>\$784</b>	<b>\$814</b>	<b>\$768</b>	<b>\$725</b>
Fertilizers	171	169	154	136	131	155	136	134
Pesticides	66	68	64	74	73	75	75	75
Seed	122	123	118	121	117	117	118	119
Drying	26	13	13	18	14	21	15	15
Storage	11	13	11	12	13	11	11	11
Crop insurance	26	22	22	22	21	21	21	20
<b>Total direct costs</b>	<b>\$422</b>	<b>\$408</b>	<b>\$382</b>	<b>\$383</b>	<b>\$369</b>	<b>\$400</b>	<b>\$376</b>	<b>\$374</b>
Machine hire/lease	13	13	13	12	12	12	12	12
Utilities	6	6	6	6	6	6	6	6
Machine repair	25	24	24	25	26	27	25	25
Fuel and oil	24	16	18	14	18	17	16	15
Light vehicle	2	1	1	1	2	2	2	2
Mach. depreciation	65	67	65	65	62	65	64	62
<b>Total power costs</b>	<b>\$135</b>	<b>\$127</b>	<b>\$127</b>	<b>\$123</b>	<b>\$126</b>	<b>\$129</b>	<b>\$125</b>	<b>\$122</b>
Hired labor	16	16	16	15	18	18	18	18
Building repair and rent	6	6	6	5	5	5	5	6
Building depreciation	12	13	13	12	14	14	14	14
Insurance	10	10	10	10	11	10	10	10
Misc	8	8	8	8	8	9	9	9
Interest (non-land)	13	13	14	15	17	22	22	23
<b>Total overhead costs</b>	<b>\$65</b>	<b>\$66</b>	<b>\$67</b>	<b>\$65</b>	<b>\$73</b>	<b>\$78</b>	<b>\$78</b>	<b>\$80</b>
<b>Total non-land costs</b>	<b>\$622</b>	<b>\$601</b>	<b>\$576</b>	<b>\$571</b>	<b>\$568</b>	<b>\$607</b>	<b>\$579</b>	<b>\$576</b>
<b>Operator and land return</b>	<b>\$215</b>	<b>\$180</b>	<b>\$185</b>	<b>\$169</b>	<b>\$216</b>	<b>\$207</b>	<b>\$189</b>	<b>\$149</b>
Land costs	243	230	230	225	230	233	233	233
<b>Farmer return</b>	<b>-\$28</b>	<b>-\$50</b>	<b>-\$45</b>	<b>-\$56</b>	<b>-\$14</b>	<b>-\$26</b>	<b>-\$44</b>	<b>-\$84</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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**Table 6. Soybean Revenues and Costs, Central Illinois -- Low Productivity Farmland, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2020	2020P	2021P
Yield per acre	61	61	63	61	65	57	61	61
Price per bu	\$10.51	\$9.13	\$9.61	\$9.59	\$9.25	\$8.86	\$8.25	\$8.50
Crop revenue	\$641	\$557	\$605	\$585	\$601	\$505	\$503	\$519
ARC/PLC	4	43	12	1	0	6	30	25
Other gov't payments	0	0	0	0	107	76	75	0
Crop insurance proceeds	5	7	1	3	4	10	0	0
<b>Gross revenue</b>	<b>\$650</b>	<b>\$607</b>	<b>\$618</b>	<b>\$589</b>	<b>\$712</b>	<b>\$597</b>	<b>\$608</b>	<b>\$544</b>
Fertilizers	49	49	44	38	37	43	39	39
Pesticides	22	43	41	46	46	47	47	47
Seed	64	65	62	65	63	62	62	62
Drying	2	1	1	1	1	1	1	1
Storage	4	4	4	5	5	4	4	4
Crop insurance	18	15	15	15	14	14	14	14
<b>Total direct costs</b>	<b>\$159</b>	<b>\$177</b>	<b>\$167</b>	<b>\$170</b>	<b>\$166</b>	<b>\$171</b>	<b>\$167</b>	<b>\$167</b>
Machine hire/lease	11	12	11	10	11	11	11	11
Utilities	5	5	5	5	6	5	5	5
Machine repair	22	21	21	21	23	24	21	21
Fuel and oil	21	14	14	12	16	15	12	12
Light vehicle	2	1	1	1	1	1	1	1
Mach. depreciation	56	57	56	56	53	55	55	55
<b>Total power costs</b>	<b>\$117</b>	<b>\$110</b>	<b>\$108</b>	<b>\$105</b>	<b>\$110</b>	<b>\$111</b>	<b>\$105</b>	<b>\$105</b>
Hired labor	15	15	13	14	17	17	17	17
Building repair and rent	4	4	4	4	3	3	3	3
Building depreciation	9	9	9	11	10	10	10	10
Insurance	10	10	10	10	11	10	10	10
Misc	8	8	8	8	8	9	9	9
Interest (non-land)	11	12	12	12	17	19	19	19
<b>Total overhead costs</b>	<b>\$57</b>	<b>\$58</b>	<b>\$56</b>	<b>\$59</b>	<b>\$66</b>	<b>\$68</b>	<b>\$68</b>	<b>\$68</b>
<b>Total non-land costs</b>	<b>\$333</b>	<b>\$345</b>	<b>\$331</b>	<b>\$334</b>	<b>\$342</b>	<b>\$350</b>	<b>\$340</b>	<b>\$340</b>
<b>Operator and land return</b>	<b>\$317</b>	<b>\$262</b>	<b>\$287</b>	<b>\$255</b>	<b>\$370</b>	<b>\$247</b>	<b>\$268</b>	<b>\$204</b>
Land costs	243	230	230	225	230	233	233	233
<b>Farmer return</b>	<b>\$74</b>	<b>\$32</b>	<b>\$57</b>	<b>\$30</b>	<b>\$140</b>	<b>\$14</b>	<b>\$35</b>	<b>-\$30</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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**Table 7. Corn Revenues and Costs, Southern Illinois,  
Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	194	163	163	169	188	172	183	185
Price per bu	\$3.94	\$3.85	\$3.54	\$3.43	\$3.53	\$3.83	\$3.25	\$3.40
Crop revenue	\$764	\$628	\$577	\$580	\$664	\$659	\$595	\$629
ARC/PLC	2	38	29	5	0	6	25	20
Other gov't payments	0	0	0	0	1	91	65	0
Crop insurance proceeds	7	35	26	35	6	17	0	0
<b>Gross revenue</b>	<b>\$773</b>	<b>\$701</b>	<b>\$632</b>	<b>\$620</b>	<b>\$671</b>	<b>\$773</b>	<b>\$685</b>	<b>\$649</b>
Fertilizers	170	171	138	124	119	126	120	118
Pesticides	67	66	68	77	71	71	78	78
Seed	116	108	112	107	107	109	106	106
Drying	19	8	6	7	7	11	7	7
Storage	6	6	9	6	6	7	7	7
Crop insurance	24	19	20	22	21	18	18	18
<b>Total direct costs</b>	<b>\$402</b>	<b>\$378</b>	<b>\$353</b>	<b>\$343</b>	<b>\$331</b>	<b>\$342</b>	<b>\$336</b>	<b>\$334</b>
Machine hire/lease	12	13	12	13	13	14	14	14
Utilities	6	7	7	7	7	7	7	7
Machine repair	27	28	29	28	29	34	28	28
Fuel and oil	28	20	12	18	22	21	18	18
Light vehicle	2	1	2	1	2	2	2	2
Mach. depreciation	71	74	68	70	71	72	69	68
<b>Total power costs</b>	<b>\$146</b>	<b>\$143</b>	<b>\$130</b>	<b>\$137</b>	<b>\$144</b>	<b>\$150</b>	<b>\$138</b>	<b>\$137</b>
Hired labor	29	30	26	28	26	26	26	26
Building repair and rent	8	7	7	7	7	6	6	6
Building depreciation	17	19	19	16	17	18	18	18
Insurance	14	13	12	12	13	12	12	12
Misc	8	10	12	10	9	9	9	9
Interest (non-land)	13	14	17	20	20	22	22	23
<b>Total overhead costs</b>	<b>\$89</b>	<b>\$93</b>	<b>\$93</b>	<b>\$93</b>	<b>\$92</b>	<b>\$93</b>	<b>\$93</b>	<b>\$94</b>
<b>Total non-land costs</b>	<b>\$637</b>	<b>\$614</b>	<b>\$576</b>	<b>\$573</b>	<b>\$567</b>	<b>\$585</b>	<b>\$567</b>	<b>\$565</b>
<b>Operator and land return</b>	<b>\$136</b>	<b>\$87</b>	<b>\$56</b>	<b>\$47</b>	<b>\$104</b>	<b>\$188</b>	<b>\$118</b>	<b>\$84</b>
Land costs	163	159	164	157	160	166	166	166
<b>Farmer return</b>	<b>-\$27</b>	<b>-\$72</b>	<b>-\$108</b>	<b>-\$110</b>	<b>-\$56</b>	<b>\$22</b>	<b>-\$48</b>	<b>-\$82</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

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**Table 8. Soybean Revenues and Costs, Southern Illinois, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	55	52	56	54	57	52	53	53
Price per bu	\$10.46	\$9.11	\$9.65	\$9.58	\$9.11	\$8.88	\$8.25	\$8.50
Crop revenue	\$575	\$474	\$540	\$517	\$519	\$462	\$437	\$451
ARC/PLC	2	38	29	5	0	6	25	20
Other gov't payments	0	0	0	0	94	70	65	0
Crop insurance proceeds	5	24	6	8	8	16	0	0
<b>Gross revenue</b>	<b>\$582</b>	<b>\$536</b>	<b>\$575</b>	<b>\$530</b>	<b>\$621</b>	<b>\$554</b>	<b>\$527</b>	<b>\$471</b>
Fertilizers	54	54	44	40	40	42	40	40
Pesticides	47	46	48	54	50	50	50	50
Seed	67	62	64	62	64	64	64	64
Drying	1	0	0	0	0	0	0	0
Storage	4	4	7	4	4	5	5	5
Crop insurance	18	13	13	14	14	12	14	14
<b>Total direct costs</b>	<b>\$191</b>	<b>\$179</b>	<b>\$176</b>	<b>\$174</b>	<b>\$172</b>	<b>\$173</b>	<b>\$173</b>	<b>\$173</b>
Machine hire/lease	9	12	11	12	12	12	12	12
Utilities	4	6	7	7	7	6	7	7
Machine repair	21	26	27	26	27	31	27	27
Fuel and oil	21	18	11	17	21	19	17	17
Light vehicle	1	1	2	1	1	2	1	1
Mach. depreciation	67	69	65	67	68	69	66	66
<b>Total power costs</b>	<b>\$123</b>	<b>\$132</b>	<b>\$123</b>	<b>\$130</b>	<b>\$136</b>	<b>\$139</b>	<b>\$130</b>	<b>\$130</b>
Hired labor	25	27	23	25	23	22	22	22
Building repair and rent	5	4	4	4	4	4	4	4
Building depreciation	10	11	10	9	10	10	10	10
Insurance	14	13	12	12	13	12	12	12
Misc	8	10	10	10	9	9	9	9
Interest (non-land)	13	14	16	18	20	21	21	21
<b>Total overhead costs</b>	<b>\$75</b>	<b>\$79</b>	<b>\$75</b>	<b>\$78</b>	<b>\$79</b>	<b>\$78</b>	<b>\$78</b>	<b>\$78</b>
<b>Total non-land costs</b>	<b>\$389</b>	<b>\$390</b>	<b>\$374</b>	<b>\$382</b>	<b>\$387</b>	<b>\$390</b>	<b>\$381</b>	<b>\$381</b>
<b>Operator and land return</b>	<b>\$193</b>	<b>\$146</b>	<b>\$201</b>	<b>\$148</b>	<b>\$234</b>	<b>\$164</b>	<b>\$146</b>	<b>\$90</b>
Land costs	163	159	164	157	160	166	166	166
<b>Farmer return</b>	<b>\$30</b>	<b>-\$13</b>	<b>\$37</b>	<b>-\$9</b>	<b>\$74</b>	<b>-\$2</b>	<b>-\$20</b>	<b>-\$77</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021

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**Table 9. Wheat Revenues and Costs, Southern Illinois,  
Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	68	66	78	83	68	63	75	75
Price per bu	\$5.50	\$3.85	\$4.15	\$4.23	\$4.82	\$4.80	\$5.00	\$5.00
Crop revenue	\$374	\$254	\$324	\$351	\$328	\$302	\$375	\$375
ARC/PLC	20	38	29	5	0	6	25	0
Other gov't payments	0	0	0	0	5	50	65	0
Crop insurance proceeds	10	5	4	5	16	4	0	0
<b>Gross revenue</b>	<b>\$404</b>	<b>\$297</b>	<b>\$357</b>	<b>\$361</b>	<b>\$349</b>	<b>\$362</b>	<b>\$465</b>	<b>\$375</b>
Fertilizers	106	110	103	96	103	110	102	102
Pesticides	34	28	28	28	30	29	29	29
Seed	51	42	42	41	39	41	41	41
Drying	1	1	1	1	1	1	1	1
Storage	1	1	1	1	1	1	1	1
Crop insurance	9	8	8	8	8	8	8	8
<b>Total direct costs</b>	<b>\$202</b>	<b>\$190</b>	<b>\$183</b>	<b>\$175</b>	<b>\$182</b>	<b>\$190</b>	<b>\$182</b>	<b>\$182</b>
Machine hire/lease	15	14	14	14	14	14	14	14
Utilities	7	7	7	7	7	7	7	7
Machine repair	30	32	33	32	35	35	35	35
Fuel and oil	26	19	18	20	21	22	22	22
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	48	51	48	48	49	48	48	48
<b>Total power costs</b>	<b>\$128</b>	<b>\$125</b>	<b>\$122</b>	<b>\$123</b>	<b>\$128</b>	<b>\$128</b>	<b>\$128</b>	<b>\$128</b>
Hired labor	16	15	13	15	15	15	15	15
Building repair and rent	8	8	6	6	6	6	6	6
Building depreciation	7	7	6	8	8	8	8	8
Insurance	9	9	9	9	9	9	9	9
Misc	7	7	7	7	7	7	7	7
Interest (non-land)	16	16	17	18	19	21	21	21
<b>Total overhead costs</b>	<b>\$63</b>	<b>\$62</b>	<b>\$58</b>	<b>\$63</b>	<b>\$64</b>	<b>\$66</b>	<b>\$66</b>	<b>\$66</b>
<b>Total non-land costs</b>	<b>\$393</b>	<b>\$377</b>	<b>\$363</b>	<b>\$361</b>	<b>\$374</b>	<b>\$384</b>	<b>\$376</b>	<b>\$376</b>
<b>Operator and land return</b>	<b>\$11</b>	<b>-\$80</b>	<b>-\$6</b>	<b>\$0</b>	<b>-\$25</b>	<b>-\$22</b>	<b>\$89</b>	<b>-\$1</b>
Land costs <sup>2</sup>	163	159	164	157	160	166	166	166
<b>Farmer return</b>	<b>-\$152</b>	<b>-\$239</b>	<b>-\$170</b>	<b>-\$157</b>	<b>-\$185</b>	<b>-\$188</b>	<b>-\$77</b>	<b>-\$167</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021

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**Table 10. Double-Crop Soybean Revenues and Costs, Southern Illinois, Actual for 2014 through 2019, Projected for 2020 and 2021.<sup>1</sup>**

	Year							
	2014	2015	2016	2017	2018	2019	2020P	2021P
Yield per acre	44	34	51	38	50	41	43	43
Price per bu	\$10.46	\$9.11	\$9.65	\$9.59	\$9.11	\$8.88	\$8.25	\$8.50
Crop revenue	\$460	\$310	\$492	\$364	\$456	\$364	\$355	\$366
ARC/PLC	0	0	0	0	0	0	0	0
Other gov't payments	0	0	0	0	83	0	0	0
Crop insurance proceeds	5	6	5	2	3	2	0	0
<b>Gross revenue</b>	<b>\$465</b>	<b>\$316</b>	<b>\$497</b>	<b>\$366</b>	<b>\$542</b>	<b>\$366</b>	<b>\$355</b>	<b>\$366</b>
Fertilizers	31	32	30	27	27	28	28	28
Pesticides	40	36	40	39	43	40	40	40
Seed	46	46	49	48	50	48	48	48
Drying	0	0	0	0	0	0	0	0
Storage	1	1	1	1	1	1	1	1
Crop insurance	5	4	4	4	4	4	4	4
<b>Total direct costs</b>	<b>\$123</b>	<b>\$119</b>	<b>\$124</b>	<b>\$119</b>	<b>\$125</b>	<b>\$121</b>	<b>\$121</b>	<b>\$121</b>
Machine hire/lease	11	11	11	11	11	11	11	11
Utilities	5	5	5	5	5	5	5	5
Machine repair	28	27	28	26	25	25	25	25
Fuel and oil	21	21	20	20	21	22	22	22
Light vehicle	2	2	2	2	2	2	2	2
Mach. depreciation	30	30	30	28	27	27	27	27
<b>Total power costs</b>	<b>\$97</b>	<b>\$96</b>	<b>\$96</b>	<b>\$92</b>	<b>\$91</b>	<b>\$92</b>	<b>\$92</b>	<b>\$92</b>
Hired labor	13	13	13	14	14	14	14	14
Building repair and rent	6	6	6	6	6	6	6	6
Building depreciation	5	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	7	7	8	9	10	11	11
<b>Total overhead costs</b>	<b>\$31</b>	<b>\$31</b>	<b>\$31</b>	<b>\$33</b>	<b>\$34</b>	<b>\$35</b>	<b>\$36</b>	<b>\$36</b>
<b>Total non-land costs</b>	<b>\$251</b>	<b>\$246</b>	<b>\$251</b>	<b>\$244</b>	<b>\$250</b>	<b>\$248</b>	<b>\$249</b>	<b>\$249</b>
<b>Operator and land return</b>	<b>\$214</b>	<b>\$70</b>	<b>\$246</b>	<b>\$122</b>	<b>\$292</b>	<b>\$118</b>	<b>\$106</b>	<b>\$117</b>
Land costs <sup>2</sup>	0	0	0	0	0	0	0	0
<b>Farmer return</b>	<b>\$214</b>	<b>\$70</b>	<b>\$246</b>	<b>\$122</b>	<b>\$292</b>	<b>\$118</b>	<b>\$106</b>	<b>\$117</b>

<sup>1</sup>Results for 2014 through 2019 are summarized from grain farms enrolled in Illinois Farm Business Farm Management. Projections are made for 2020 and 2021.

<sup>2</sup> Land cost is not included as it is included on wheat

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