

**CROP BUDGETS,  
ILLINOIS, 2021**



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January 2021

## **Introduction**

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This publication presents crop budgets for three regions in Illinois: northern, central, and southern Illinois. Central Illinois is further divided into categories for high-productivity farmland and low-productivity farmland.

Budgets are prepared to include all revenue and all financial non-land costs. Revenue includes crop revenue and government commodity payments. Costs include all cash costs associated with producing the crop as well as depreciation. These costs are divided into three categories: 1) direct costs – costs that can be directly attributable to the production of the crop, 2) power costs – costs related to machinery operations, and 3) overhead – costs associated with general operation of the farm.

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 operator will have \$20 of return.

**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 over 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. 2021 Crop Budgets, Northern Illinois.**

	Corn- after- Soybeans	Corn- after- Corn	Soybeans- after- Corn	Soybeans- after- Soybeans	Wheat
Yield per acre	214	204	62	60	85
Price per bu	\$4.00	\$4.00	\$10.50	\$10.50	\$5.90
Crop revenue	\$856	\$816	\$651	\$630	\$502
ARC/PLC	0	0	0	0	0
Other gov't payments	0	0	0	0	0
Crop insurance proceeds	0	0	0	0	0
<b>Gross revenue</b>	<b>\$856</b>	<b>\$816</b>	<b>\$651</b>	<b>\$630</b>	<b>\$502</b>
Fertilizers	\$132	\$142	\$37	\$37	\$76
Pesticides	61	67	36	41	27
Seed	114	114	74	74	50
Drying	15	14	1	1	1
Storage	10	10	4	4	1
Crop insurance	25	25	17	17	9
<b>Total direct costs</b>	<b>\$357</b>	<b>\$372</b>	<b>\$169</b>	<b>\$174</b>	<b>\$164</b>
Machine hire/lease	\$26	\$26	\$22	\$22	\$18
Utilities	6	6	5	5	7
Machine repair	27	27	23	23	33
Fuel and oil	17	17	14	14	20
Light vehicle	2	2	2	2	2
Mach. depreciation	59	59	57	57	49
<b>Total power costs</b>	<b>\$137</b>	<b>\$137</b>	<b>\$123</b>	<b>\$123</b>	<b>\$129</b>
Hired labor	\$23	\$23	\$20	\$20	\$18
Building repair and rent	9	9	4	4	3
Building depreciation	17	17	8	8	7
Insurance	10	10	10	7	5
Misc	9	9	9	9	9
Interest (non-land)	27	27	22	22	14
<b>Total overhead costs</b>	<b>\$95</b>	<b>\$95</b>	<b>\$73</b>	<b>\$70</b>	<b>\$56</b>
<b>Total non-land costs</b>	<b>\$589</b>	<b>\$604</b>	<b>\$365</b>	<b>\$367</b>	<b>\$349</b>
<b>Operator and land return</b>	<b>\$267</b>	<b>\$212</b>	<b>\$286</b>	<b>\$263</b>	<b>\$153</b>

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Revised: October 2020

**Table 2. 2021 Crop Budgets, Central Illinois -- High Productivity Farmland.**

	Corn- after- Soybeans	Corn- after- Corn	Soybeans- after- Corn	Soybeans- after- Soybeans	Wheat	Double- Crop Soybeans
Yield per acre	220	210	68	66	85	43
Price per bu	\$4.00	\$4.00	\$10.50	\$10.50	\$5.90	\$10.50
Crop revenue	\$880	\$840	\$714	\$693	\$502	\$452
ARC/PLC	0	0	0	0	0	0
Other gov't payments	0	0	0	0	0	0
Crop insurance proceeds	0	0	0	0	0	0
<b>Gross revenue</b>	<b>\$880</b>	<b>\$840</b>	<b>\$714</b>	<b>\$693</b>	<b>\$502</b>	<b>\$452</b>
Fertilizers	\$135	\$145	\$44	\$44	\$109	\$29
Pesticides	76	82	45	50	27	40
Seed	116	116	74	74	50	49
Drying	15	14	0	0	1	0
Storage	15	15	8	8	1	1
Crop insurance	24	24	16	16	9	4
<b>Total direct costs</b>	<b>\$381</b>	<b>\$396</b>	<b>\$187</b>	<b>\$192</b>	<b>\$197</b>	<b>\$123</b>
Machine hire/lease	\$16	\$16	\$14	\$14	\$18	\$11
Utilities	5	5	5	5	7	5
Machine repair	24	24	21	21	33	25
Fuel and oil	14	14	12	12	20	22
Light vehicle	1	1	1	1	2	2
Mach. depreciation	63	63	55	55	49	28
<b>Total power costs</b>	<b>\$123</b>	<b>\$123</b>	<b>\$108</b>	<b>\$108</b>	<b>\$129</b>	<b>\$93</b>
Hired labor	\$18	\$18	\$17	\$17	\$18	\$14
Building repair and rent	6	6	5	5	3	6
Building depreciation	11	11	10	10	7	5
Insurance	9	9	11	11	5	0
Misc	9	9	9	9	9	0
Interest (non-land)	23	23	21	21	14	11
<b>Total overhead costs</b>	<b>\$76</b>	<b>\$76</b>	<b>\$73</b>	<b>\$73</b>	<b>\$56</b>	<b>\$36</b>
<b>Total non-land costs</b>	<b>\$580</b>	<b>\$595</b>	<b>\$368</b>	<b>\$373</b>	<b>\$382</b>	<b>\$252</b>
<b>Operator and land return</b>	<b>\$300</b>	<b>\$245</b>	<b>\$346</b>	<b>\$320</b>	<b>\$120</b>	<b>\$200</b>

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Revised: October 2020

**Table 3. 2021 Crop Budgets, Central Illinois -- Low Productivity Farmland.**

	Corn- after- Soybeans	Corn- after- Corn	Soybeans- after- Corn	Soybeans- after- Soybeans	Wheat	Double- Crop Soybeans
Yield per acre	208	198	61	59	80	43
Price per bu	\$4.00	\$4.00	\$10.50	\$10.50	\$5.90	\$10.50
Crop revenue	\$832	\$792	\$641	\$620	\$472	\$452
ARC/PLC	0	0	0	0	0	0
Other gov't payments	0	0	0	0	0	0
Crop insurance proceeds	0	0	0	0	0	0
<b>Gross revenue</b>	<b>\$832</b>	<b>\$792</b>	<b>\$641</b>	<b>\$620</b>	<b>\$472</b>	<b>\$452</b>
Fertilizers	\$138	\$148	\$44	\$44	\$105	\$107
Pesticides	76	82	47	52	29	37
Seed	120	120	63	63	41	50
Drying	15	15	1	1	1	0
Storage	11	11	4	4	1	1
Crop insurance	23	23	15	15	8	5
<b>Total direct costs</b>	<b>\$383</b>	<b>\$399</b>	<b>\$174</b>	<b>\$179</b>	<b>\$185</b>	<b>\$200</b>
Machine hire/lease	\$12	\$12	\$11	\$11	\$13	\$10
Utilities	6	6	5	5	5	5
Machine repair	25	25	21	21	19	19
Fuel and oil	15	15	12	12	11	11
Light vehicle	2	2	1	1	1	1
Mach. depreciation	65	65	56	56	46	36
<b>Total power costs</b>	<b>\$125</b>	<b>\$125</b>	<b>\$106</b>	<b>\$106</b>	<b>\$95</b>	<b>\$82</b>
Hired labor	\$18	\$18	\$17	\$17	\$14	\$14
Building repair and rent	6	6	3	3	1	6
Building depreciation	13	13	10	10	8	8
Insurance	10	10	10	10	8	0
Misc	9	9	9	9	8	0
Interest (non-land)	23	23	19	19	21	7
<b>Total overhead costs</b>	<b>\$79</b>	<b>\$79</b>	<b>\$68</b>	<b>\$68</b>	<b>\$60</b>	<b>\$35</b>
<b>Total non-land costs</b>	<b>\$587</b>	<b>\$603</b>	<b>\$348</b>	<b>\$353</b>	<b>\$340</b>	<b>\$317</b>
<b>Operator and land return</b>	<b>\$245</b>	<b>\$189</b>	<b>\$293</b>	<b>\$267</b>	<b>\$132</b>	<b>\$135</b>

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Revised: October 2020

**Table 4. 2021 Crop Budgets, Southern Illinois.**

	Corn- after- Soybeans	Corn- after- Corn	Soybeans- after- Corn	Soybeans- after- Soybeans	Wheat	Double- Crop Soybeans
Yield per acre	187	177	53	51	68	43
Price per bu	\$4.00	\$4.00	\$10.50	\$10.50	\$5.90	\$10.50
Crop revenue	\$748	\$708	\$557	\$536	\$401	\$452
ARC/PLC	0	0	0	0	0	0
Other gov't payments	0	0	0	0	0	0
Crop insurance proceeds	0	0	0	0	0	0
<b>Gross revenue</b>	<b>\$748</b>	<b>\$708</b>	<b>\$557</b>	<b>\$536</b>	<b>\$401</b>	<b>\$452</b>
Fertilizers	\$124	\$134	\$44	\$44	\$102	\$29
Pesticides	78	84	50	55	29	40
Seed	107	107	65	65	41	49
Drying	7	7	0	0	1	0
Storage	7	7	5	5	1	1
Crop insurance	22	22	15	15	8	4
<b>Total direct costs</b>	<b>\$345</b>	<b>\$361</b>	<b>\$179</b>	<b>\$184</b>	<b>\$182</b>	<b>\$123</b>
Machine hire/lease	\$14	\$14	\$12	\$12	\$14	\$11
Utilities	7	7	7	7	7	5
Machine repair	28	28	27	27	35	22
Fuel and oil	18	18	17	17	16	14
Light vehicle	2	2	1	1	2	2
Mach. depreciation	70	70	67	67	49	28
<b>Total power costs</b>	<b>\$139</b>	<b>\$139</b>	<b>\$131</b>	<b>\$131</b>	<b>\$123</b>	<b>\$82</b>
Hired labor	\$26	\$26	\$22	\$22	\$15	\$14
Building repair and rent	6	6	4	4	6	6
Building depreciation	18	18	10	10	8	5
Insurance	12	12	12	12	9	0
Misc	9	9	9	9	7	0
Interest (non-land)	23	23	21	21	21	11
<b>Total overhead costs</b>	<b>\$94</b>	<b>\$94</b>	<b>\$78</b>	<b>\$78</b>	<b>\$66</b>	<b>\$36</b>
<b>Total non-land costs</b>	<b>\$578</b>	<b>\$594</b>	<b>\$388</b>	<b>\$393</b>	<b>\$371</b>	<b>\$241</b>
<b>Operator and land return</b>	<b>\$170</b>	<b>\$114</b>	<b>\$169</b>	<b>\$143</b>	<b>\$30</b>	<b>\$211</b>

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