

Table 32. 2021 Cotton Enterprise Budget, B2XF, Center Pivot Irrigation

CROP VALUE	Grower %	Unit	¹Yield	Price/Unit	Revenue
Crop Value, Enter Expected Farm Yield & Price	100%	Lbs	1,200.00	0.62	744.00
Cottonseed Value	100%	Ton	0.900	220.53	198.48
OPERATING EXPENSES		Unit	Quantity	²Price/Unit	Costs
Seed, Includes Applicable Fees;	100%	Acre	1	118.75	118.75
Nitrogen 100%	100%	Lbs	81	0.35	28.44
Phosphate (0-46-0)	100%	Lbs	0	0.18	0.00
Potash (0-0-60)	100%	Lbs	100	0.15	14.75
Ammonium Sulfate (21-0-0-24)	100%	Lbs	50	0.17	8.63
Boron 15%	100%	Lbs	1.00	0.55	0.55
Other Nutrients, Including Poultry Litter	100%	Acre	1.00	21.00	21.00
Herbicide	100%	Acre	1	94.87	94.87
Insecticide	100%	Acre	1	92.76	92.76
Nematicide	100%	Acre	1	0.00	0.00
Growth Regulator	100%	Acre	1	7.60	7.60
Defoliant	100%	Acre	1	16.78	16.78
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Acre	0	7.00	0.00
Air Application: Fertilizer & Chemical	100%	Acre	2	7.00	14.00
Air Application: Lbs.	100%	Lbs	0	0.075	0.00
Other Custom Hire, Air Seeding	100%	Acre	0	7.50	0.00
Machinery and Equipment					
Diesel Fuel, Pre-Post Harvest	100%	Gallons	4.663	1.60	7.46
Repairs and Maintenance, Pre-Post Harvest	100%	Acre	1	7.65	7.65
Diesel Fuel, Harvest	100%	Gallons	2.749	1.60	4.40
Repairs and Maintenance, Harvest	100%	Acre	1	14.66	14.66
Irrigation Energy Cost	100%	Ac-In	12	2.87	34.45
Irrigation System Repairs & Maintenance		Ac-In	12	0.83	10.01
Supplies (ex. polypipe)	100%	Acre	1	0.00	0.00
Round Module Cover	100%	Acre	1	17.35	17.35
Labor, Field Activities	100%	Hrs	0.786	11.33	8.91
Scouting/Consultant Fee	100%	Acre	1	8.00	8.00
Boll Weevil Eradication Fee; See Note 3	100%	Acre	1	3.00	3.00
Crop Insurance	100%	Acre	1	10.50	10.50
Interest, Annual Rate Applied for 6 Months	100%	Rate %	4.45	544.50	12.12
Custom Harvest	100%	Acre	0.00	0.00	0.00
Post-Harvest Expenses; See Note 4					
Hauling, Ginning	100%	Lbs	1,200.00	0.10	120.00
Storage and Warehousing	100%	Bale	2.40	20.00	48.00
Promotions, Boards, Classing	100%	Bale	2.40	12.70	30.48
Cash Land Rent		Acre	1	0.00	0.00
Total Operating Expenses					\$556.62
Returns to Operating Expenses					\$187.38
CAPITAL RECOVERY & FIXED COSTS					
Machinery and Equipment		Acre	1	130.10	130.10
Irrigation Equipment		Acre	1	77.26	77.26
Farm Overhead; See Note 5		Acre	1	6.51	6.51
Total Capital Recovery & Fixed Costs					\$213.87
TOTAL SPECIFIED EXPENSES					\$770.49
NET RETURNS					-\$26.49

Note 1: Yield and inputs are based on Extension research data. Enter expected farm yield and inputs.

Note 2: All price estimates do NOT include rebates, bulk deals, or discounts available through suppliers.

Note 3: Boll weevil eradication fee is \$3 in Arkansas.

Note 4: Cottonseed value deducted from post-harvest expenses for calculating operating expenses.

Note 5: Estimate based on machinery and equipment.