

## 2024 Cotton, No-Till, Irrigated Budget

	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Total</u>	<u>Your Farm</u>
<b>Revenue <sup>1</sup></b>				<b>Gross Revenue (\$/Acre)</b>	
Cotton	lb.	1,500	\$0.82	\$1,230.00	_____
Government Payments	\$/acre	1	\$0.00	\$0.00	_____
Other Revenue	\$/acre	1	\$0.00	\$0.00	_____
				<b>Total Revenue \$1,230.00</b>	_____
<b>Variable Expenses</b>					
Seed <sup>2</sup>	Thous.	60	\$2.65	\$159.00	_____
Wrap	lb.	1,500	\$0.02	\$30.00	_____
Fertilizer & Lime (Table 1)	Acre	1	\$153.63	\$153.63	_____
Chemical (Table 2)	Acre	1	\$191.61	\$191.61	_____
Crop Scout or Consultant	Acre	1	\$12.00	\$12.00	_____
Repair & Maintenance (Table 3)	Acre	1	\$32.66	\$32.66	_____
Fuel, Oil & Filter (Table 3)	Acre	1	\$32.95	\$32.95	_____
Operator Labor (Table 3)	Acre	1	\$15.44	\$15.44	_____
Crop Insurance <sup>6</sup>	Acre	1	\$12.50	\$12.50	_____
Machinery Rental	Acre	1	\$0.00	\$0.00	_____
Custom Work	Acre	1	\$0.00	\$0.00	_____
Other Transportation Costs	Acre	1	\$0.00	\$0.00	_____
Irrigation Energy Cost <sup>9</sup>	Ac-In	6	\$7.50	\$45.00	_____
Irrigation System R&M <sup>9</sup>	Ac-In	6	\$3.20	\$19.20	_____
Other Irrigation Costs	Acre	1	\$0.00	\$0.00	_____
Other	Acre	0	\$0.00	\$0.00	_____
Other	Acre	0	\$0.00	\$0.00	_____
Operating Interest <sup>7</sup>	%	\$703.99	8.50%	\$29.92	_____
				<b>Total Variable Expenses \$733.91</b>	_____
				<b>Return Above Variable Expenses \$496.09</b>	_____
<b>Fixed Expenses</b>					
Machinery					
Capital Recovery (Table 3)	Acre	1	\$181.02	\$181.02	_____
Other Fixed Machinery Costs	Acre	1	\$0.00	\$0.00	_____
Capital Recovery (Irrigation Equipment) <sup>9</sup>	Acre	1	\$100.00	\$100.00	_____
Other Irrigation Costs	Acre	1	\$0.00	\$0.00	_____
General Overhead	Acre	1	\$30.00	\$30.00	_____
Cash Rent <sup>8</sup>	Acre	1	\$197.00	\$197.00	_____
Insurance (Non-Machinery)	Acre	1	\$0.00	\$0.00	_____
Management Labor <sup>10</sup>	Acre	1	\$25.00	\$50.00	_____
Other Fixed Costs	Acre	1	\$0.00	\$0.00	_____
				<b>Total Fixed Expenses \$558.02</b>	_____
				<b>Total Expenses \$1,291.92</b>	_____
				<b>Return Above Specified Expenses -\$61.92</b>	_____

### Breakeven Price for Selected Yield

Yield (lb.)	Variable Cost (\$/lb.)	Total Specified Cost (\$/lb.)
1,250	\$0.59	\$1.03
1,300	\$0.56	\$0.99
1,350	\$0.54	\$0.96
1,400	\$0.52	\$0.92
1,450	\$0.51	\$0.89
<b>1,500</b>	<b>\$0.49</b>	<b>\$0.86</b>
1,550	\$0.47	\$0.83
1,600	\$0.46	\$0.81
1,650	\$0.44	\$0.78
1,700	\$0.43	\$0.76
1,750	\$0.42	\$0.74

### Breakeven Yield for Selected Price

Price (\$/lb.)	Variable Cost (lb.)	Total Specified Cost (lb.)
\$0.57	1,288	2,267
\$0.62	1,184	2,084
\$0.67	1,095	1,928
\$0.72	1,019	1,794
\$0.77	953	1,678
<b>\$0.82</b>	<b>895</b>	<b>1,576</b>
\$0.87	844	1,485
\$0.92	798	1,404
\$0.97	757	1,332
\$1.02	720	1,267
\$1.07	686	1,207

**Table 1. Fertilizer & Lime<sup>3</sup>**

Fertilizer	Description	Quantity (lbs.)	Price (\$)	Total (\$/Acre)	Your Farm (\$/Acre)
Nitrogen	Urea	45	\$0.61	\$27.45	
	UAN 32%	45	\$0.64	\$28.80	
Phosphorous	P <sub>2</sub> O <sub>5</sub>	60	\$0.65	\$39.00	
Potassium	K <sub>2</sub> O	90	\$0.43	\$38.70	
Sulfur		10	\$0.35	\$3.50	
Boron		0.5	\$2.36	\$1.18	
Lime		1,000	\$30.00	\$15.00	
Other		0	\$0.00	\$0.00	
Other		0	\$0.00	\$0.00	
<b>Total</b>				<b>\$153.63</b>	

**Table 2. Chemicals<sup>4</sup>**

Chemical	Function	Description	Unit	Number of Apps.	Quantity	Price	Total (\$/Acre)	Your Farm (\$/Acre)	
Herbicides	Burndown	Roundup	qt.	1	1	\$14.50	\$14.50		
		Clarity	oz.	1	8	\$0.73	\$5.88		
	Pre-Emerge	Cotoran	pt.	1	2	\$6.25	\$12.50		
		Gramoxone	oz.	1	32	\$0.33	\$10.60		
	Post-Emerge	Sequence	pt.	1	2.5	\$9.00	\$22.50		
		Envoke	oz.	1	0.1	\$126.67	\$12.67		
		Caparol	pt.	1	1	\$6.25	\$6.25		
	Growth Regulator	Other	Other		0	0	\$0.00	\$0.00	
			Mepex (Mepiquat Chloride)	pt.	1	2	\$1.25	\$2.50	
		Defoliant	oz.	1	12	\$1.56	\$18.72		
Ethephon		oz.	1	32	\$0.28	\$9.00			
Insecticides		Seed Treatment	acre	1	1	\$18.50	\$18.50		
		In-Season	acre	1	1	\$48.00	\$48.00		
Fungicides		Seed Treatment	acre	1	1	\$10.00	\$10.00		
		Other		0	0	\$0.00	\$0.00		
		Other		0	0	\$0.00	\$0.00		
Other			Other		0	\$0.00	\$0.00		
<b>Total</b>						<b>\$191.61</b>			

**Table 3. Machinery<sup>5</sup>**

Chop Stalks	Power Unit	Implement	Size	Capital Recovery	Repairs & Maintenance	Fuel, Oil & Filter	Labor	Total	Your Farm (\$/Acre)
Burndown	Tractor, 215 hp	Rotary Mower	15'	\$8.47	\$4.22	\$4.20	\$2.46	\$19.34	
Plant	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
	Tractor, 215 hp	Planter	12-row	\$14.11	\$5.02	\$3.62	\$2.12	\$24.87	
Fertilize	Tractor, 215 hp	Fertilize Spreader		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Weed Control	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Weed Control	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Weed Control	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Weed Control	Tractor, 215 hp	Hooded Sprayer		\$2.46	\$0.38	\$1.01	\$0.59	\$4.43	
Fertilize	Tractor, 215 hp	Fertilize Spreader		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Spray	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Spray	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Spray	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Harvest	Picker/Module Builder (Round)		6-row	\$71.15	\$16.95	\$12.62	\$3.12	\$103.84	
Harvest	Tractor, 215 hp	Module Handler		\$3.48	\$0.84	\$2.67	\$1.56	\$8.56	
Other	Other			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Other	Other			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Total</b>				<b>\$181.02</b>	<b>\$32.66</b>	<b>\$32.95</b>	<b>\$15.44</b>	<b>\$262.06</b>	