

Cucumber Production Enterprise Budget

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Summary of Estimated Costs and Returns per Acre
Cucumbers, Slicers, Irrigated
5 ft row spacing, 20 gpm, with 8,712 ft of drip tape

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME					
TOTAL INCOME				0	
DIRECT EXPENSES					
FERTILIZER	acre	\$205.07	1.0000	\$205.07	
FUNGICIDE	acre	\$124.80	1.0000	\$124.80	
HERBICIDE	acre	\$72.53	1.0000	\$72.53	
INSECTICIDE	acre	\$12.40	1.0000	\$12.40	
SEED/PLANTS	acre	\$238.08	1.0000	\$238.08	
OTHER	acre	\$2,038.20	1.0000	\$2,038.20	
IRRIGATION SUPPLIES	acre	\$878.01	1.0000	\$878.01	
FERTIGATION LABOR	hour	\$10.38	8.0000	\$83.04	
HAND LABOR	hour	\$10.38	7.9588	\$82.61	
HARVEST LABOR	hour	\$10.38	120.0000	\$1,245.60	
OPERATOR LABOR	hour	\$12.55	6.8745	\$86.29	
UNALLOCATED LABOR	hour	\$12.56	1.3749	\$17.28	
DIESEL FUEL	gal	\$2.54	26.5383	\$67.41	
REPAIR & MAINTENANCE	acre	\$63.78	1.0000	\$63.78	
INTEREST ON OP. CAP.	acre	\$35.24	1.0000	\$35.24	
TOTAL DIRECT EXPENSES				\$5,250.34	
RETURNS ABOVE DIRECT EXPENSES				-\$5,250.34	
TOTAL FIXED EXPENSES				\$470.28	
TOTAL SPECIFIED EXPENSES				\$5,720.62	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-\$5,720.62	

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Estimated Resource Use and Costs for Field Operations, per Acre
Cucumbers, slicers, irrigated
5 ft row spacing, 20 gpm with 8,712 ft of drip tape, Arkansas 2017



OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURBALE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
Lime (Spread)	ton			0.33	Mar							0.4950	\$50.00	\$24.75	\$24.75
Chisel Plow	7'	2WD 75 hp	0.220	1.00	Mar	\$2.39	\$1.32	\$0.35	\$0.58	0.22	\$2.77				\$7.41
Fert-Cyclone Spin	750 lb	2WD 75 hp	0.084	1.00	Mar	\$0.92	\$0.50	\$0.09	\$0.32	0.08	\$1.06				\$2.89
Fert 13-13-13	cwt											6.0000	\$25.90	\$155.40	\$155.40
Disk Harrow	10'	2WD 75 hp	0.198	1.00	Mar	\$2.14	\$1.19	\$0.43	\$0.88	0.19	\$2.49				\$7.13
Disk + Incorporate	10'	2WD 75 hp	0.206	1.00	Apr	\$2.23	\$1.24	\$0.85	\$1.45	0.30	\$3.66				\$9.43
Glyphosate 3lbs a.e.	pt											3.0000	\$2.74	\$8.22	\$8.22
Sandea	oz											1.0000	\$38.99	\$38.99	\$38.99
BS,Lay/Tape/Cucumber	Bed 4'cntr	2WD 75 hp	1.617	1.00	Apr	\$17.53	\$9.69	\$2.88	\$7.83	1.61	\$20.30				\$58.23
Plastic Mulch	roll											2.2000	\$166.00	\$365.20	\$365.20
Drip Tape	roll											1.5000	\$182.50	\$273.75	\$273.75
Plntr/H2O Cucumber	1R 4'cntr	2WD 75 hp	2.578	1.00	Apr	\$27.94	\$15.45	\$2.39	\$3.69	10.31	\$112.64				\$162.11
Cucumber - Hybrid	lb											3.0000	\$79.36	\$238.08	\$238.08
Irrigation				1.00	Apr										
Rural Water	ac-in											6.0000	\$100.71	\$604.26	\$604.26
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Mustang Max	oz											4.0000	\$1.14	\$4.56	\$4.56
Fertigate CAN03/KN03				2.00	Apr										
FERTIGATION LABOR	hour									2.00	\$20.76				\$20.76
Calcium Nitrate	lb											15.5000	\$0.46	\$7.13	\$7.13
Spray (Broadcast)	27'	2WD 75 hp	0.062	1.00	Apr	\$0.67	\$0.38	\$0.17	\$0.20	0.09	\$1.12				\$2.54
Sandea	oz											0.5000	\$38.99	\$19.50	\$19.50
Select MAX	oz											6.0000	\$0.97	\$5.82	\$5.82
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Bravo Weather Stick	pt											1.5000	\$20.80	\$31.20	\$31.20
Fertigate CAN03/KN03				2.00	May										
FERTIGATION LABOR	hour									2.00	\$20.76				\$20.76
Calcium Nitrate	lb											15.5000	\$0.46	\$7.13	\$7.13
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Bravo Weather Stick	pt											1.5000	\$20.80	\$31.20	\$31.20
Brigade 2EC	oz											4.0000	\$0.98	\$3.92	\$3.92
Fertigate CAN03/KN03				2.00	May										
FERTIGATION LABOR	hour									2.00	\$20.76				\$20.76
Calcium Nitrate	lb											15.5000	\$0.46	\$7.13	\$7.13
Fertigate CAN03/KN03				1.00	Jun										
FERTIGATION LABOR	hour									1.00	\$10.38				\$10.38
Calcium Nitrate	lb											3.8750	\$0.46	\$1.78	\$1.78
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jun	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Brigade 2EC	oz											4.0000	\$0.98	\$3.92	\$3.92
Fertigate CAN03/KN03				1.00	Jun										
FERTIGATION LABOR	hour									1.00	\$10.38				\$10.38
Calcium Nitrate	lb											3.8000	\$0.46	\$1.75	\$1.75
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jun	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Bravo Weather Stick	pt											3.0000	\$20.80	\$62.40	\$62.40
Trailer - Vegetables	16'	2WD 75 hp	0.090	1.00	Jun	\$0.97	\$0.54	\$0.05	\$0.08	0.18	\$2.06				\$3.70

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OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURBALE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
HARVEST LABOR	hour			1.00	Jun					120.00	\$1,245.60				\$1,245.60
5-Gal Bucket	each											200.0000	\$3.95	\$790.00	\$790.00
Labor(Packing)	each											300.0000	\$0.85	\$255.00	\$255.00
Boxes-Waxed	each											300.0000	\$1.60	\$480.00	\$480.00
Plastic Clean Up				1.00	Jun										
Mulch Lifter	1-Row	2WD 75 hp	0.589			\$6.39	\$3.53	\$0.15	\$2.48	0.58	\$7.40				\$19.95
Labor Clean up	acre											1.0000	\$148.00	\$148.00	\$148.00
Irrigation Setup	acre				Apr							1.0000			\$329.33
TOTALS						\$74.48	\$41.19	\$56.71	\$99.76	142.83	\$1,497.54			\$3,569.09	\$5,668.10
INTEREST ON OPERATING CAPITAL															\$35.24
UNALLOCATED LABOR															\$17.28
TOTAL SPECIFIED COST															\$5,720.62