

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2004*

B-1241 (C12)

Table 16.A Estimated costs and returns per acre  
Watermelon; Open Pollinated Varieties, Dryland  
Projected for 2005, South Texas, For Planning Purposes Only

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Watermelon, Allsweet	cwt	6.00	150.0000	900.00	_____
				-----	
TOTAL INCOME				900.00	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	14.66	1.5000	21.99	_____
FUNGICIDE					
Bravo Ultrex	qt	12.50	1.0000	12.50	_____
Quadris	oz	2.29	32.0000	73.28	_____
HERBICIDE					
Trifluralin 4EC	pt	2.48	2.0000	4.96	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	9.09	2.0000	18.18	_____
SEED/PLANTS					
Watermelon Seed, OP	lb	10.00	3.0000	30.00	_____
HORT. SUPPLIES					
Bee Rental	hive	75.00	1.0000	75.00	_____
CUSTOM HORT. HARVEST					
Harvest/Sell Wtrmlns	cwt	3.00	150.0000	450.00	_____
OPERATOR LABOR					
Tractors	hour	6.50	1.1670	7.58	_____
HAND LABOR					
Implements	hour	7.50	0.1490	1.11	_____
UNALLOCATED LABOR	hour	6.50	0.9336	6.06	_____
DIESEL FUEL					
Tractors	gal	1.73	8.3751	14.48	_____
REPAIR & MAINTENANCE					
Implements	acre	5.26	1.0000	5.26	_____
Tractors	acre	6.23	1.0000	6.23	_____
INTEREST ON OP. CAP.	acre	11.99	1.0000	11.99	_____
				-----	
TOTAL DIRECT EXPENSES				738.66	_____
RETURNS ABOVE DIRECT EXPENSES				161.33	_____
FIXED EXPENSES					
Implements	acre	11.24	1.0000	11.24	_____
Tractors	acre	18.38	1.0000	18.38	_____
				-----	
TOTAL FIXED EXPENSES				29.62	_____
				-----	
TOTAL SPECIFIED EXPENSES				768.28	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				131.71	_____
ALLOCATED COST ITEMS					
Cash Rent, S. Texas	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				81.71	_____

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Table 16.B Estimated resource use and costs for field operations, per acre  
Watermelon; Open Pollinated Varieties, Dryland  
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OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES RATE OVER MTH			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Heavy Disk	14'	150 hp	0.167	1.00	Oct	3.11	2.65	0.98	1.91	0.167	1.08				9.75
Chisel Plow	16'	130 hp	0.117	1.00	Oct	2.35	2.80	0.27	0.66	0.117	0.76				6.86
Heavy Disk	14'	150 hp	0.167	1.00	Oct	3.11	2.65	0.98	1.91	0.167	1.08				9.75
80" Row Disk	3R-80	150 hp	0.094	1.00	Oct	1.75	1.49	0.55	1.00	0.094	0.61				5.42
Fert Appl (Liquid)	3R-80	150 hp	0.098	1.00	Feb	1.82	1.55	0.44	1.27	0.147	1.00				6.10
Fert 10-34-0	cwt											1.5000	14.66	21.99	21.99
Plant & Pre	3R-80	50 hp	0.100	1.00	Feb	0.63	0.46	0.77	1.86	0.200	1.40				5.14
Watermelon Seed,	OP lb											3.0000	10.00	30.00	30.00
Trifluralin 4EC	pt											2.0000	2.48	4.96	4.96
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	2.37	2.01	0.37	0.77	0.127	0.82				6.36
Bravo Ultrex	qt											0.5000	12.50	6.25	6.25
Thiodan 3 EC	qt											1.0000	9.09	9.09	9.09
Bee Rental	hive			1.00	Mar							1.0000	75.00	75.00	75.00
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	2.37	2.01	0.37	0.77	0.127	0.82				6.36
Bravo Ultrex	qt											0.5000	12.50	6.25	6.25
Thiodan 3 EC	qt											1.0000	9.09	9.09	9.09
Cultivate (Late)	3R-80	150 hp	0.085	1.00	Apr	1.58	1.35	0.24	0.52	0.085	0.55				4.25
Quadris	oz											16.0000	2.29	36.64	36.64
Lannate 1.8E	pt											0.0300			
Cultivate (Late)	3R-80	150 hp	0.085	1.00	May	1.58	1.35	0.24	0.52	0.085	0.55				4.25
Quadris	oz											16.0000	2.29	36.64	36.64
Lannate 1.8E	pt											0.0300			
Harvest/Sell Wtrmlns	cwt			1.00	Jun							150.0000	3.00	450.00	450.00
TOTALS						20.72	18.38	5.26	11.24	1.316	8.70			685.91	750.22
INTEREST ON OPERATING CAPITAL															11.99
UNALLOCATED LABOR															6.06
TOTAL SPECIFIED COST															768.28

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