

*Projections for Planning Purposes Only  
Not to be Used without Updating after February 1, 2012*

B-1241 (C12)

Table 16.A Estimated costs and returns per acre  
Watermelon; Open Pollinated Varieties, Dryland  
Projected for 2012, South Texas, For Planning Purposes Only

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
				dollars	dollars
INCOME					
Watermelon, Allsweet	cwt	11.00	200.0000	2200.00	_____
				-----	
TOTAL INCOME				2200.00	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	67.92	1.5000	101.88	_____
FUNGICIDE					
Bravo Ultrex	qt	16.00	1.0000	16.00	_____
Quadris	oz	3.05	32.0000	97.60	_____
HERBICIDE					
Trifluralin 4EC	pt	4.29	2.0000	8.58	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	12.22	2.0000	24.44	_____
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	3.30	150.0000	495.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.1670	8.75	_____
HAND LABOR					
Implements	hour	7.50	0.1490	1.11	_____
UNALLOCATED LABOR	hour	7.50	0.9336	7.00	_____
DIESEL FUEL					
Tractors	gal	3.10	8.3751	25.96	_____
REPAIR & MAINTENANCE					
Implements	acre	5.26	1.0000	5.26	_____
Tractors	acre	6.23	1.0000	6.23	_____
INTEREST ON OP. CAP.	acre	16.86	1.0000	16.86	_____
				-----	
TOTAL DIRECT EXPENSES				919.69	_____
RETURNS ABOVE DIRECT EXPENSES				1280.30	_____
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				949.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1250.68	_____
ALLOCATED COST ITEMS					
Cash Rent, S. Texas	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				1200.68	_____

Brand names are mentioned only as examples and imply no endorsement.

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.  
Developed by Texas AgriLife Extension Service.*

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B-1241 (C12)

Table 16.B Estimated resource use and costs for field operations, per acre  
Watermelon; Open Pollinated Varieties, Dryland  
Projected for 2012, South Texas, For Planning Purposes Only

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES 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	4.88	2.65	0.98	1.91	0.167	1.25					11.69
Chisel Plow	16'	130 hp	0.117	1.00	Oct	3.42	2.80	0.27	0.66	0.117	0.87					8.05
Heavy Disk	14'	150 hp	0.167	1.00	Oct	4.88	2.65	0.98	1.91	0.167	1.25					11.69
80" Row Disk	3R-80	150 hp	0.094	1.00	Oct	2.74	1.49	0.55	1.00	0.094	0.70					6.51
Fert Appl (Liquid)	3R-80	150 hp	0.098	1.00	Feb	2.86	1.55	0.44	1.27	0.147	1.10					7.24
Fert 10-34-0	cwt											1.5000	67.92	101.88		101.88
Plant & Pre	3R-80	50 hp	0.100	1.00	Feb	0.99	0.46	0.77	1.86	0.200	1.50					5.59
Watermelon Seed,	OP lb											3.0000	10.00	30.00		30.00
Trifluralin 4EC	pt											2.0000	4.29	8.58		8.58
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	3.71	2.01	0.37	0.77	0.127	0.95					7.83
Bravo Ultrex	qt											0.5000	16.00	8.00		8.00
Thiodan 3 EC	qt											1.0000	12.22	12.22		12.22
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	3.71	2.01	0.37	0.77	0.127	0.95					7.83
Bravo Ultrex	qt											0.5000	16.00	8.00		8.00
Thiodan 3 EC	qt											1.0000	12.22	12.22		12.22
Cultivate (Late)	3R-80	150 hp	0.085	1.00	Apr	2.48	1.35	0.24	0.52	0.085	0.63					5.24
Quadris	oz											16.0000	3.05	48.80		48.80
Lannate 1.8E	pt											0.0300				
Cultivate (Late)	3R-80	150 hp	0.085	1.00	May	2.48	1.35	0.24	0.52	0.085	0.63					5.24
Quadris	oz											16.0000	3.05	48.80		48.80
Lannate 1.8E	pt											0.0300				
Harvest/Sell Wtrmlns	cwt			1.00	Jun							150.0000	3.30	495.00		495.00
TOTALS						32.19	18.38	5.26	11.24	1.316	9.87			848.50		925.45
INTEREST ON OPERATING CAPITAL																16.86
UNALLOCATED LABOR																7.00
TOTAL SPECIFIED COST																949.31

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