

*Projections for Planning Purposes Only
Not to be Used without Updating after February 1, 2013*

B-1241 (C12)

Table 16.A Estimated costs and returns per acre
Watermelon; Open Pollinated Varieties, Dryland
Projected for 2013, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
				dollars	dollars
INCOME					
Watermelon, Allsweet	cwt	15.00	250.0000	3750.00	_____

TOTAL INCOME				3750.00	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	35.00	1.5000	52.50	_____
FUNGICIDE					
Bravo Ultrex	qt	10.96	1.0000	10.96	_____
Quadris	oz	2.47	32.0000	79.04	_____
HERBICIDE					
Trifluralin 4EC	pt	3.19	2.0000	6.38	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	8.92	2.0000	17.84	_____
SEED/PLANTS					
Watermelon Seed, OP	lb	20.00	3.0000	60.00	_____
HORT. SUPPLIES					
Bee Rental	hive	85.00	1.0000	85.00	_____
CUSTOM HORT. HARVEST					
Harvest/Sell Wtrmlns	cwt	3.30	250.0000	825.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	1.1670	10.50	_____
HAND LABOR					
Implements	hour	9.00	0.1490	1.34	_____
UNALLOCATED LABOR	hour	9.00	0.9336	8.40	_____
DIESEL FUEL					
Tractors	gal	3.25	8.3751	27.21	_____
REPAIR & MAINTENANCE					
Implements	acre	5.26	1.0000	5.26	_____
Tractors	acre	6.23	1.0000	6.23	_____
INTEREST ON OP. CAP.	acre	18.34	1.0000	18.34	_____

TOTAL DIRECT EXPENSES				1214.02	_____
RETURNS ABOVE DIRECT EXPENSES				2535.97	_____
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				1243.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				2506.34	_____
ALLOCATED COST ITEMS					
Cash Rent, S. Texas	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				2441.34	_____

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 2013, Rio Grande Valley, For Planning Purposes

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Heavy Disk	14'	150 hp	0.167	1.00	Oct	5.07	2.65	0.98	1.91	0.167	1.50				12.13
Chisel Plow	16'	130 hp	0.117	1.00	Oct	3.54	2.80	0.27	0.66	0.117	1.05				8.34
Heavy Disk	14'	150 hp	0.167	1.00	Oct	5.07	2.65	0.98	1.91	0.167	1.50				12.13
80" Row Disk	3R-80	150 hp	0.094	1.00	Oct	2.85	1.49	0.55	1.00	0.094	0.84				6.76
Fert Appl (Liquid)	3R-80	150 hp	0.098	1.00	Feb	2.97	1.55	0.44	1.27	0.147	1.32				7.57
Fert 10-34-0	cwt											1.5000	35.00	52.50	52.50
Plant & Pre	3R-80	50 hp	0.100	1.00	Feb	1.03	0.46	0.77	1.86	0.200	1.80				5.93
Watermelon Seed,	OP lb											3.0000	20.00	60.00	60.00
Trifluralin 4EC	pt											2.0000	3.19	6.38	6.38
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	3.86	2.01	0.37	0.77	0.127	1.14				8.17
Bravo Ultrex	qt											0.5000	10.96	5.48	5.48
Thiodan 3 EC	qt											1.0000	8.92	8.92	8.92
Bee Rental	hive			1.00	Mar							1.0000	85.00	85.00	85.00
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	3.86	2.01	0.37	0.77	0.127	1.14				8.17
Bravo Ultrex	qt											0.5000	10.96	5.48	5.48
Thiodan 3 EC	qt											1.0000	8.92	8.92	8.92
Cultivate (Late)	3R-80	150 hp	0.085	1.00	Apr	2.58	1.35	0.24	0.52	0.085	0.76				5.46
Quadris	oz											16.0000	2.47	39.52	39.52
Lannate 1.8E	pt											0.0300			
Cultivate (Late)	3R-80	150 hp	0.085	1.00	May	2.58	1.35	0.24	0.52	0.085	0.76				5.46
Quadris	oz											16.0000	2.47	39.52	39.52
Lannate 1.8E	pt											0.0300			
Harvest/Sell Wtrmlns	cwt			1.00	Jun							250.0000	3.30	825.00	825.00
TOTALS						33.45	18.38	5.26	11.24	1.316	11.84			1136.72	1216.90
INTEREST ON OPERATING CAPITAL															18.34
UNALLOCATED LABOR															8.40
TOTAL SPECIFIED COST															1243.65

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