

Table 25.A Estimated costs and returns per acre  
Grapefruit; Years 8+ Mature Orchard, Flood Irr.  
Projected for 2013, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grapefruit (Rio Red)	tons	120.00	23.0000	2760.00	_____
				-----	
TOTAL INCOME				2760.00	_____
DIRECT EXPENSES					
FERTILIZER					
Amm Sulfate (21% N)	cwt	20.70	7.1400	147.79	_____
HERBICIDE					
Simizine 90DF	gallon	22.88	5.0000	114.40	_____
Krovar I 80 DF	lb	13.00	3.0000	39.00	_____
INSECTICIDE/MITICIDE					
Vydate	gal	106.24	0.0625	6.64	_____
Vendex	lb	38.30	6.0000	229.80	_____
Citrus Oil	gal	3.42	5.0000	17.10	_____
Agri-Mek	gal	110.08	0.1000	11.00	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	1.2000	24.00	_____
ADJUVANT					
Surfactant	pt	1.25	2.0000	2.50	_____
CUSTOM ORCHD. SPRAY					
Lorsban 4E	pt	5.54	8.0000	44.32	_____
INSURANCE					
Established Grapefrt	acre	115.00	1.0000	115.00	_____
CUSTOM ORCHARD OPS.					
Hedging or Topping	acre	66.00	0.5000	33.00	_____
Custom Fert. Citrus	acre	4.40	2.0000	8.80	_____
Custom Orchard Spray	acre	38.50	4.0000	154.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.1220	1.09	_____
HAND LABOR					
Implements	hour	9.00	0.0610	0.54	_____
IRRIGATION LABOR					
Labor (Flood)	hour	9.00	3.0000	27.00	_____
UNALLOCATED LABOR	hour	9.00	0.0122	0.10	_____
DIESEL FUEL					
Tractors	gal	3.25	0.9419	3.06	_____
REPAIR & MAINTENANCE					
Implements	acre	0.27	1.0000	0.27	_____
Tractors	acre	0.64	1.0000	0.64	_____
INTEREST ON OP. CAP.	acre	57.53	1.0000	57.53	_____
TOTAL DIRECT EXPENSES				1037.64	_____
RETURNS ABOVE DIRECT EXPENSES				1722.35	_____
FIXED EXPENSES					
Implements	acre	0.40	1.0000	0.40	_____
Tractors	acre	1.94	1.0000	1.94	_____
Permanent Valve Irr.	acre	45.00	1.0000	45.00	_____
Year 1 Est. Costs	acre	209.04	1.0000	209.04	_____
TOTAL FIXED EXPENSES				256.38	_____
TOTAL SPECIFIED EXPENSES				1294.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1465.97	_____
ALLOCATED COST ITEMS					
Land Cost, Orchard	acre	120.00	1.0000	120.00	_____
RESIDUAL RETURNS				1345.97	_____

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

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

B-1241 (C12)

Table 25.B Estimated resource use and costs for field operations, per acre  
Grapefruit; Years 8+ Mature Orchard, Flood Irr.  
Projected for 2013, Rio Grande Valley, 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-----			
Year 1 Est. Costs	acre			1.00	Jan				209.04			1.0000			209.04
Permanent Valve Irr.	acre			1.00	Jan				45.00			1.0000			45.00
Hedging or Topping	acre			1.00	Feb							0.5000	66.00	33.00	33.00
Custom Fert. Citrus	acre			1.00	Feb							1.0000	4.40	4.40	4.40
Amm Sulfate (21% N)	cwt											3.5700	20.70	73.89	73.89
Spray (Broadcast)	27'	150 hp	0.061	1.00	Mar	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Simizine 90DF	gallon											5.0000	22.88	114.40	114.40
Established Grapefrt	acre			1.00	Mar							1.0000	115.00	115.00	115.00
Custom Orchard Spray	acre			1.00	Apr							1.0000	38.50	38.50	38.50
Vydate	gal											0.0625	106.24	6.64	6.64
Vendex	lb											2.0000	38.30	76.60	76.60
Surfactant	pt											1.0000	1.25	1.25	1.25
Labor (Flood)	hour			1.00	Apr					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Custom Orchard Spray	acre			1.00	May							1.0000	38.50	38.50	38.50
Vendex	lb											2.0000	38.30	76.60	76.60
Lorsban 4E	pt											4.0000	5.54	22.16	22.16
Custom Orchard Spray	acre			1.00	Jul							1.0000	38.50	38.50	38.50
Citrus Oil	gal											5.0000	3.42	17.10	17.10
Agri-Mek	gal											0.1000	110.08	11.00	11.00
Spray (Broadcast)	27'	150 hp	0.061	1.00	Jul	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Krovar I 80 DF	lb											3.0000	13.00	39.00	39.00
Labor (Flood)	hour			1.00	Jul					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Custom Fert. Citrus	acre			1.00	Aug							1.0000	4.40	4.40	4.40
Amm Sulfate (21% N)	cwt											3.5700	20.70	73.89	73.89
Labor (Flood)	hour			1.00	Sep					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Custom Orchard Spray	acre			1.00	Sep							1.0000	38.50	38.50	38.50
Vendex	lb											2.0000	38.30	76.60	76.60
Lorsban 4E	pt											4.0000	5.54	22.16	22.16
Surfactant	pt											1.0000	1.25	1.25	1.25
Pick/Pack/Ship	crtn			1.00	Dec										1150.0000
TOTALS						3.70	1.94	0.27	254.44	3.183	28.64			947.36	1236.37
INTEREST ON OPERATING CAPITAL															57.53
UNALLOCATED LABOR															0.10
TOTAL SPECIFIED COST															1294.02

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