

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

B-1241 (C12)

Table 18.A Estimated costs and returns per acre  
Grapefruit; Year 1 Orchard Establishment, Flood Irr.  
Current Projected Costs, Rio Grande Valley, For Planning Pu

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
TOTAL INCOME				0.00	-----
DIRECT EXPENSES					
FERTILIZER					
Amm Sulfate (21% N)	cwt	13.30	0.5720	7.60	-----
HERBICIDE					
Simizine 90DF	gallon	2.80	5.0000	14.00	-----
Krovar I 80 DF	lb	11.00	3.0000	33.00	-----
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	16.23	2.4000	38.95	-----
INSURANCE					
Grapefruit, Year 1	acre	40.00	1.0000	40.00	-----
CUSTOM ORCHARD OPS.					
Land prep and level	acre	150.00	1.0000	150.00	-----
Young citrus trees	tree	4.00	140.0000	560.00	-----
Layout/Plant	tree	1.25	140.0000	175.00	-----
Custom Fert. Citrus	acre	4.00	3.0000	12.00	-----
Tree Wrap/Unwrap	tree	1.00	140.0000	140.00	-----
ORCHARD SUPPLIES					
Tree Wraps	tree	1.00	140.0000	140.00	-----
OPERATOR LABOR					
Tractors	hour	6.50	0.1220	0.79	-----
HAND LABOR					
Implements	hour	7.50	0.0610	0.45	-----
IRRIGATION LABOR					
Labor (Flood)	hour	6.50	6.0000	39.00	-----
UNALLOCATED LABOR					
Labor (Flood)	hour	6.50	0.0122	0.07	-----
DIESEL FUEL					
Tractors	gal	1.73	0.9419	1.62	-----
REPAIR & MAINTENANCE					
Implements	acre	0.27	1.0000	0.27	-----
Tractors	acre	0.64	1.0000	0.64	-----
INTEREST ON OP. CAP.					
Interest	acre	89.36	1.0000	89.36	-----
TOTAL DIRECT EXPENSES				1442.81	-----
RETURNS ABOVE DIRECT EXPENSES				-1442.81	-----
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	-----
TOTAL FIXED EXPENSES				47.34	-----
TOTAL SPECIFIED EXPENSES				1490.15	-----
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-1490.15	-----
ALLOCATED COST ITEMS					
Land Cost, Orchard	acre	150.00	1.0000	150.00	-----
RESIDUAL RETURNS				-1640.15	-----

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B-1241 (C12)

Table 18.B Estimated resource use and costs for field operations, per acre  
 Grapefruit; Year 1 Orchard Establishment, Flood Irr.  
 Current Projected Costs, Rio Grande Valley, For Planning Purposes Only

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-----			
Permanent Valve Irr.	acre			1.00	Jan				45.00			1.0000			45.00
Land prep and level	acre											1.0000	150.00	150.00	150.00
Young citrus trees	tree			1.00	Feb							140.0000	4.00	560.00	560.00
Layout/Plant	tree											140.0000	1.25	175.00	175.00
Custom Fert. Citrus	acre			1.00	Feb							1.0000	4.00	4.00	4.00
Amm Sulfate (21% N)	cwt											0.2860	13.30	3.80	3.80
Labor (Flood)	hour			1.00	Feb					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Labor (Flood)	hour			1.00	Mar					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Broadcast)	27'	150 hp	0.061	1.00	Mar	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Simazine 90DF	gallon											5.0000	2.80	14.00	14.00
Labor (Flood)	hour			1.00	Apr					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Grapefruit, Year 1	acre			1.00	Apr							1.0000	40.00	40.00	40.00
Custom Fert. Citrus	acre			1.00	May							1.0000	4.00	4.00	4.00
Amm Sulfate (21% N)	cwt												13.30		
Labor (Flood)	hour			1.00	Jun					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Broadcast)	27'	150 hp	0.061	1.00	Jul	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Krovar I 80 DF	lb											3.0000	11.00	33.00	33.00
Labor (Flood)	hour			1.00	Jul					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Custom Fert. Citrus	acre			1.00	Aug							1.0000	4.00	4.00	4.00
Amm Sulfate (21% N)	cwt											0.2860	13.30	3.80	3.80
Tree Wrap/Unwrap	tree			1.00	Nov							140.0000	1.00	140.00	140.00
Tree Wraps	tree											140.0000	1.00	140.00	140.00
Labor (Flood)	hour			1.00	Nov					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
TOTALS						2.27	1.94	0.27	45.40	6.183	40.25			1310.55	1400.70
INTEREST ON OPERATING CAPITAL															89.36
UNALLOCATED LABOR															0.07
TOTAL SPECIFIED COST															1490.15

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