

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

B-1241 (C12)

Table 18.A Estimated costs and returns per acre
Grapefruit; Year 1 Orchard Establishment, Flood Irr.
Projected for 2013, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
TOTAL INCOME				0.00	
DIRECT EXPENSES					
FERTILIZER					
Amm Sulfate (21% N)	cwt	20.70	0.5720	11.84	
HERBICIDE					
Simizine 90DF	gallon	22.88	5.0000	114.40	
Krovar I 80 DF	lb	13.00	3.0000	39.00	
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	2.4000	48.00	
INSURANCE					
Grapefruit, Year 1	acre	40.00	1.0000	40.00	
CUSTOM ORCHARD OPS.					
Land prep and level	acre	165.00	1.0000	165.00	
Young citrus trees	tree	12.00	140.0000	1680.00	
Layout/Plant	tree	1.38	140.0000	193.20	
Custom Fert. Citrus	acre	4.40	3.0000	13.20	
Tree Wrap/Unwrap	tree	1.10	140.0000	154.00	
ORCHARD SUPPLIES					
Tree Wraps	tree	1.10	140.0000	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	6.0000	54.00	
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	194.62	1.0000	194.62	
TOTAL DIRECT EXPENSES				2867.01	
RETURNS ABOVE DIRECT EXPENSES				-2867.01	
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				2914.35	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-2914.35	
ALLOCATED COST ITEMS					
Land Cost, Orchard	acre	120.00	1.0000	120.00	
RESIDUAL RETURNS				-3034.35	

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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Table 18.B Estimated resource use and costs for field operations, per acre
Grapefruit; Year 1 Orchard Establishment, Flood Irr.
Projected for 2013, 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	165.00	165.00	165.00
Young citrus trees	tree			1.00	Feb							140.0000	12.00	1680.00	1680.00
Layout/Plant	tree											140.0000	1.38	193.20	193.20
Custom Fert. Citrus	acre			1.00	Feb							1.0000	4.40	4.40	4.40
Amm Sulfate (21% N)	cwt											0.2860	20.70	5.92	5.92
Labor (Flood)	hour			1.00	Feb					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Labor (Flood)	hour			1.00	Mar					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Broadcast)	27'	150 hp	0.061	1.00	Mar	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Simazine 90DF	gallon											5.0000	22.88	114.40	114.40
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
Grapefruit, Year 1	acre			1.00	Apr							1.0000	40.00	40.00	40.00
Custom Fert. Citrus	acre			1.00	May							1.0000	4.40	4.40	4.40
Amm Sulfate (21% N)	cwt												20.70		
Labor (Flood)	hour			1.00	Jun					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
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											0.2860	20.70	5.92	5.92
Tree Wrap/Unwrap	tree			1.00	Nov							140.0000	1.10	154.00	154.00
Tree Wraps	tree											140.0000	1.10	154.00	154.00
Labor (Flood)	hour			1.00	Nov					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
TOTALS						3.70	1.94	0.27	45.40	6.183	55.64			2612.64	2719.61
INTEREST ON OPERATING CAPITAL															194.62
UNALLOCATED LABOR															0.10
TOTAL SPECIFIED COST															2914.35

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