

Table 27.A Estimated costs and returns per acre  
Oranges, Valencias; Mature Orchard, Flood Irr.  
Projected for 2010, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Oranges (Valencias)	Tons	130.00	10.0000	1300.00	_____
				-----	
TOTAL INCOME				1300.00	_____
DIRECT EXPENSES					
FERTILIZER					
Amm Sulfate (21% N)	cwt	16.00	7.1400	114.24	_____
HERBICIDE					
Simizine 90DF	gallon	3.76	5.0000	18.80	_____
Krovar I 80 DF	lb	14.78	3.0000	44.34	_____
INSECTICIDE/MITICIDE					
Vydate	gal	88.32	0.0625	5.52	_____
Vendex	lb	30.91	6.0000	185.46	_____
Citrus Oil	gal	3.36	5.0000	16.80	_____
Agri-Mek	gal	873.60	0.0540	47.17	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	1.6000	32.00	_____
ADJUVANT					
Surfactant	pt	1.12	2.0000	2.24	_____
CUSTOM ORCHD. SPRAY					
Lorsban 4E	pt	7.13	8.0000	57.04	_____
INSURANCE					
Established Oranges	acre	85.00	1.0000	85.00	_____
CUSTOM ORCHARD OPS.					
Custom Fert. Citrus	acre	4.40	2.0000	8.80	_____
Hedging or Topping	acre	66.00	0.5000	33.00	_____
Custom Orchard Spray	acre	38.50	4.0000	154.00	_____
CUSTOM SPOT SPRAY					
Spot Herbicide Spray	appl.	24.00	1.0000	24.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1220	0.91	_____
HAND LABOR					
Implements	hour	7.50	0.0610	0.45	_____
IRRIGATION LABOR					
Labor (Flood)	hour	7.50	4.0000	30.00	_____
UNALLOCATED LABOR	hour	7.50	0.0122	0.09	_____
DIESEL FUEL					
Tractors	gal	2.10	0.9419	1.97	_____
REPAIR & MAINTENANCE					
Implements	acre	0.27	1.0000	0.27	_____
Tractors	acre	0.64	1.0000	0.64	_____
INTEREST ON OP. CAP.	acre	57.24	1.0000	57.24	_____
				-----	
TOTAL DIRECT EXPENSES				920.02	_____
RETURNS ABOVE DIRECT EXPENSES				379.97	_____
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				1176.40	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				123.59	_____
ALLOCATED COST ITEMS					
Land Cost, Orchard	acre	150.00	1.0000	150.00	_____
RESIDUAL RETURNS				-26.40	_____

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

Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2010

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Table 27.B Estimated resource use and costs for field operations, per acre  
Oranges, Valencias; Mature Orchard, Flood Irr.  
Projected for 2010, 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-----			
Custom Fert. Citrus	acre			1.00	Mar							1.0000	4.40	4.40	4.40
Amm Sulfate (21% N)	cwt											3.5700	16.00	57.12	57.12
Spray (Broadcast)	27'	150 hp	0.061	1.00	Mar	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Simizine 90DF	gallon											5.0000	3.76	18.80	18.80
Year 1 Est. Costs	acre			1.00	Apr				209.04			1.0000			209.04
Permanent Valve Irr.	acre			1.00	Apr				45.00			1.0000			45.00
Hedging or Topping	acre			1.00	Apr							0.5000	66.00	33.00	33.00
Custom Orchard Spray	acre			1.00	Apr							1.0000	38.50	38.50	38.50
Vydate	gal											0.0625	88.32	5.52	5.52
Vendex	lb											2.0000	30.91	61.82	61.82
Surfactant	pt											1.0000	1.12	1.12	1.12
Labor (Flood)	hour			1.00	Apr					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Established Oranges	acre			1.00	May							1.0000	85.00	85.00	85.00
Spot Herbicide Spray appl.	acre			1.00	May							1.0000	24.00	24.00	24.00
Custom Orchard Spray	acre			1.00	May							1.0000	38.50	38.50	38.50
Vendex	lb											2.0000	30.91	61.82	61.82
Lorsban 4E	pt											4.0000	7.13	28.52	28.52
Custom Orchard Spray	acre			1.00	Jul							1.0000	38.50	38.50	38.50
Citrus Oil	gal											5.0000	3.36	16.80	16.80
Agri-Mek	gal											0.0540	873.60	47.17	47.17
Spray (Broadcast)	27'	150 hp	0.061	1.00	Jul	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Krovar I 80 DF	lb											3.0000	14.78	44.34	44.34
Labor (Flood)	hour			1.00	Jul					1.000	7.50	1.0000			7.50
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	16.00	57.12	57.12
Labor (Flood)	hour			1.00	Sep					1.000	7.50	1.0000			7.50
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	30.91	61.82	61.82
Lorsban 4E	pt											4.0000	7.13	28.52	28.52
Surfactant	pt											1.0000	1.12	1.12	1.12
Labor (Flood)	hour			1.00	Nov					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Pick/Pack/Ship	crtm			1.00	Mar							471.0000			
TOTALS						2.62	1.94	0.27	254.44	4.183	31.37			828.41	1119.06
INTEREST ON OPERATING CAPITAL															57.24
UNALLOCATED LABOR															0.09
TOTAL SPECIFIED COST															1176.40

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