

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2003*

Table 10.A Estimated costs and returns per acre  
Sugar Cane; Ratoon Cane, Furrow Irr.  
Projected for 2004, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Sugar Cane	tons	18.00	35.0000	630.00	_____
				-----	
TOTAL INCOME				630.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
Foliar Iron Sulphate	acre	9.00	0.5000	4.50	_____
FERTILIZER					
UAN (32% N)	cwt	7.78	3.0000	23.34	_____
HERBICIDE					
Atrazine 4L	pt	1.40	12.0000	16.80	_____
Prowl 3.3 EC	pt	3.16	10.0000	31.60	_____
Roundup	gal	36.50	0.1000	3.65	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	16.23	4.5000	73.03	_____
OPERATOR LABOR					
Tractors	hour	8.31	0.5760	4.78	_____
Self-Propelled Eq.	hour	8.31	0.0330	0.27	_____
HAND LABOR					
Implements	hour	6.91	0.0675	0.46	_____
Labor (Weed Control)	hour	6.91	1.7500	12.09	_____
IRRIGATION LABOR					
Labor (Flood)	hour	6.91	5.4000	37.31	_____
Labor (Irr. Setup)	hour	6.91	0.9000	6.21	_____
UNALLOCATED LABOR					
	hour	8.31	0.4872	4.04	_____
DIESEL FUEL					
Tractors	gal	1.06	4.3071	4.56	_____
Self-Propelled Eq.	gal	1.06	0.0660	0.06	_____
REPAIR & MAINTENANCE					
Implements	acre	3.06	1.0000	3.06	_____
Tractors	acre	3.83	1.0000	3.83	_____
Self-Propelled Eq.	acre	0.53	1.0000	0.53	_____
INTEREST ON OP. CAP.	acre	11.37	1.0000	11.37	_____
				-----	
TOTAL DIRECT EXPENSES				241.56	_____
RETURNS ABOVE DIRECT EXPENSES				388.43	_____
FIXED EXPENSES					
Implements	acre	7.48	1.0000	7.48	_____
Tractors	acre	11.81	1.0000	11.81	_____
Self-Propelled Eq.	acre	1.00	1.0000	1.00	_____
				-----	
TOTAL FIXED EXPENSES				20.31	_____
				-----	
TOTAL SPECIFIED EXPENSES				261.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				368.12	_____
ALLOCATED COST ITEMS					
Cash Rent, S. Cane	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				268.12	_____

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Table 10.B Estimated resource use and costs for field operations, per acre  
Sugar Cane; Ratoon Cane, Furrow Irr.  
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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-----				
Chisel Plow	16'	130 hp	0.117	1.00	Jan	1.82	2.99	0.27	0.70	0.117	0.97					6.76
80" Row Disk	3R-80	150 hp	0.094	1.00	Jan	1.26	1.58	0.55	1.04	0.094	0.78					5.23
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.15	1.89	0.92	2.77	0.111	0.87					7.62
UAN (32% N)	cwt											3.0000	7.78	23.34		23.34
Lilliston Cultivator	8R-40	150 hp	0.095	1.00	Jan	1.28	1.59	0.63	1.52	0.095	0.78					5.82
Spray (Broadcast)	27'	150 hp	0.061	1.00	Feb	0.82	1.02	0.13	0.20	0.091	0.71					2.91
Atrazine 4L	pt											6.0000	1.40	8.40		8.40
Prowl 3.3 EC	pt											5.0000	3.16	15.80		15.80
Cultivate (Early)	8R-40	170 hp	0.095	1.00	Feb	1.41	1.70	0.38	0.85	0.095	0.78					5.15
Ditcher	standard	130 hp	0.020	1.00	Feb	0.31	0.51	0.06	0.18	0.020	0.16					1.24
Labor (Irr. Setup)	hour										0.100	0.69	0.1000			0.69
Labor (Flood)	hour			1.00	Feb					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Irr. Setup)	hour			1.00	Mar					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Mar					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Weed Control)	hour			1.00	Apr					1.750	12.09	1.7500				12.09
Roundup	gal											0.1000	36.50	3.65		3.65
Labor (Irr. Setup)	hour			1.00	Apr					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Apr					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Hi-Clear Sprayer	60'		0.033	1.00	May			0.60	1.00	0.033	0.27					1.88
Atrazine 4L	pt											6.0000	1.40	8.40		8.40
Prowl 3.3 EC	pt											5.0000	3.16	15.80		15.80
Ditcher	standard	130 hp	0.020	1.00	May	0.31	0.51	0.06	0.18	0.020	0.16					1.24
Labor (Irr. Setup)	hour									0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	May					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Foliar Iron Sulphate	acre			0.50	May							0.5000	9.00	4.50		4.50
Labor (Irr. Setup)	hour			1.00	Jun					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Jun					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Irr. Setup)	hour			1.00	Jun					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Jun					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Irr. Setup)	hour			1.00	Jul					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Jul					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Irr. Setup)	hour			1.00	Jul					0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Jul					0.600	4.14	0.6000				4.14
Irrigation Water	ac-ft											0.5000	16.23	8.11		8.11
Labor (Irr. Setup)	hour			1.00	Aug					0.100	0.69	0.1000				0.69

*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.  
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication*

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Labor (Flood)	hour	1.00	Aug			0.600	4.14	0.6000			4.14		
Irrigation Water	ac-ft							0.5000	16.23	8.11	8.11		
Burn, Harvest & Haul	tons	1.00	Dec					35.0000					
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TOTALS						8.39	11.81	3.66	8.49	8.726	61.15	152.92	246.45
INTEREST ON OPERATING CAPITAL													11.37
UNALLOCATED LABOR													4.04
TOTAL SPECIFIED COST													261.87

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