

*Projections for Planning Purposes Only
Not to be used without Updating after December 15, 2003*

B-1241 (C10)

Table 27.A Estimated costs and returns per Acre
Processed Beets, Irrigated
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
beets	ton	40.00	15.0000	600.00	_____

TOTAL INCOME				600.00	_____
DIRECT EXPENSES					
SEED					
seed beet	lb	50.00	1.0000	50.00	_____
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
fungicide beet	acre	7.00	1.0000	7.00	_____
FERTILIZER					
nitrogen n32	lb	0.21	124.0000	26.04	_____
phospate	lb	0.23	80.0000	18.40	_____
MISC ADMIN O/H					
mis admin o/h	acre	3.00	1.0000	3.00	_____
SOIL ADMENDMENT					
boron	acre	7.00	2.0000	14.00	_____
HERBICIDES					
herbicide beets	acre	25.00	1.0000	25.00	_____
CUSTOM					
herb appl	acre	4.50	1.0000	4.50	_____
fungicide appl beet	acre	4.50	3.0000	13.50	_____
IRRIGATION					
irrigation costs	ac/in	2.75	15.0000	41.25	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.8600	16.55	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.7500	6.67	_____
DIESEL FUEL					
Tractors	gal	0.92	12.0149	11.05	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.81	1.0000	7.81	_____
Tractors	Acre	19.33	1.0000	19.33	_____
Pick-up, 3/4 ton	acre	2.00	1.0000	2.00	_____
irr system 1	ac/in	0.17	15.0000	2.55	_____
INTEREST ON OP. CAP.	Acre	6.09	1.0000	6.09	_____

TOTAL DIRECT EXPENSES				276.76	_____
RETURNS ABOVE DIRECT EXPENSES				323.23	_____
FIXED EXPENSES					
Implements	Acre	15.29	1.0000	15.29	_____
Tractors	Acre	33.04	1.0000	33.04	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	15.0000	2.55	_____

TOTAL FIXED EXPENSES				53.88	_____

TOTAL SPECIFIED EXPENSES				330.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				269.34	_____
ALLOCATED COST ITEMS					
cash rent beets	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				229.34	_____

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Table 27.B Estimated resource use and costs for field operations, per Acre
Processed Beets, Irrigated
2003 Projected Costs and Returns per Acre

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-----			
shredder		100	0.199	1.00	Sep	3.08	3.58	0.58	0.91	0.199	1.77				9.95
moleboard plow veg2		150	0.169	1.00	Sep	2.85	2.81	1.25	1.96	0.169	1.51				10.39
offset disc - veg	8-foot	100	0.125	1.00	Sep	1.94	2.25	0.68	1.42	0.125	1.11				7.41
land plane		100	0.190	1.00	Sep	2.96	3.44	1.06	2.20	0.190	1.69				11.37
offset disc - veg	8-foot	100	0.125	1.00	Nov	1.94	2.25	0.68	1.42	0.125	1.11				7.41
bed shapper		125	0.190	1.00	Jan	3.53	4.03	0.44	0.91	0.190	1.69				10.62
nitrogen n32	lb			1.00	Jan							64.0000	0.21	13.44	13.44
phospate	lb											80.0000	0.23	18.40	18.40
bedder	6-row	100	0.114	1.00	Jan	1.76	2.05	0.36	0.76	0.114	1.01				5.97
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
planter	6 row	150	0.229	1.00	Jan	3.85	3.80	1.35	2.82	0.229	2.04				13.89
seed beet	lb											1.0000	50.00	50.00	50.00
herbicide beets	acre											1.0000	25.00	25.00	25.00
crop insurance-NAP	acre											1.0000	2.00	2.00	2.00
herb appl	acre											1.0000	4.50	4.50	4.50
cultivator	6-row	100	0.171	1.00	Jan	2.66	3.09	0.47	0.99	0.171	1.52				8.76
Pick-up, 3/4 ton	acre			1.00	Jan			2.00	3.00			1.0000			5.00
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
fungicide beet	acre			1.00	Feb							1.0000	7.00	7.00	7.00
fungicide appl beet	acre											1.0000	4.50	4.50	4.50
irrigation costs	ac/in			1.00	Feb							3.0000	2.75	8.25	8.25
cultivator	4-row	150	0.171	1.00	Mar	2.88	2.84	0.44	0.92	0.171	1.52				8.63
irrigation costs	ac/in			1.00	Mar							3.0000	2.75	8.25	8.25
nitrogen n32	lb											60.0000	0.21	12.60	12.60
mis admin o/h	acre			1.00	Mar							1.0000	3.00	3.00	3.00
boron	acre			1.00	Apr							2.0000	7.00	14.00	14.00
fungicide appl beet	acre											2.0000	4.50	9.00	9.00
cultivator	4-row	150	0.171	1.00	Apr	2.88	2.84	0.44	0.92	0.171	1.52				8.63
irr system 1	ac/in			1.00	Apr			2.55	2.55	0.750	6.67	15.0000			11.77
irrigation costs	ac/in											3.0000	2.75	8.25	8.25
TOTALS						30.38	33.04	12.36	20.84	2.610	23.22			204.69	324.56
INTEREST ON OPERATING CAPITAL															6.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															330.65

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