

Table 27.A Estimated costs and returns per Acre
 Processed Beets, Irrigated
 2006 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	0.37	124.0000	45.88	_____
phosphate	lb	0.42	80.0000	33.60	_____
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	5.50	15.0000	82.50	_____
OPERATOR LABOR					
Tractors	hour	8.40	1.4174	11.90	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.7500	6.67	_____
DIESEL FUEL					
Tractors	gal	2.00	9.4791	18.95	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.20	0.9100	2.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.62	1.0000	9.62	_____
Tractors	Acre	15.87	1.0000	15.87	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	15.0000	2.55	_____
INTEREST ON OP. CAP.	Acre	7.79	1.0000	7.79	_____

TOTAL DIRECT EXPENSES				357.35	_____
RETURNS ABOVE DIRECT EXPENSES				242.64	_____
FIXED EXPENSES					
Implements	Acre	19.15	1.0000	19.15	_____
Tractors	Acre	27.12	1.0000	27.12	_____
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				51.83	_____

TOTAL SPECIFIED EXPENSES				409.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				190.81	_____
ALLOCATED COST ITEMS					
cash rent beets	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				150.81	_____

Projections for Planning Purposes Only
 Not to be Used without Updating after November 1, 2005

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Table 27.B Estimated resource use and costs for field operations, per Acre
 Processed Beets, Irrigated
 2006 Projected Costs and Returns per Acre

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-----				
shredder		100	0.130	1.00	Sep	2.77	2.34	0.38	0.60	0.130	1.09					7.19
moleboard plow veg2		150	0.170	1.00	Sep	4.27	2.81	1.25	1.96	0.170	1.42					11.73
offset disc	12-foot	125	0.130	1.00	Sep	3.34	2.74	0.73	1.52	0.130	1.09					9.44
land plane		100	0.190	1.00	Sep	4.07	3.44	1.06	2.20	0.190	1.60					12.39
offset disc 20 ft	20 ft	200	0.103	1.00	Nov	3.09	2.11	3.09	6.43	0.103	0.86					15.59
bed shapper		125	0.130	1.00	Jan	3.34	2.74	0.30	0.62	0.130	1.09					8.11
nitrogen n32	lb			1.00	Jan							64.0000	0.37	23.68		23.68
phospate	lb											80.0000	0.42	33.60		33.60
bedder	6-row	100	0.114	1.00	Jan	2.43	2.05	0.36	0.76	0.114	0.95					6.58
irrigation costs	ac/in											3.0000	5.50	16.50		16.50
planter	6 row	150	0.140	1.00	Jan	3.51	2.31	0.82	1.72	0.140	1.17					9.56
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 8 row	8 row	125	0.103	1.00	Jan	2.65	2.17	0.53	1.10	0.103	0.86					7.33
Pick-up, 3/4 ton	acre			1.00	Jan				3.00			1.0000				6.00
irrigation costs	ac/in											3.0000	5.50	16.50		16.50
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	5.50	16.50		16.50
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.65	2.17	0.53	1.10	0.103	0.86					7.33
irrigation costs	ac/in			1.00	Mar							3.0000	5.50	16.50		16.50
nitrogen n32	lb											60.0000	0.37	22.20		22.20
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 8 row	8 row	125	0.103	1.00	Apr	2.65	2.17	0.53	1.10	0.103	0.86					7.33
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	5.50	16.50		16.50
TOTALS						34.82	27.12	15.17	24.70	2.167	18.58			280.98		401.39
INTEREST ON OPERATING CAPITAL																7.79
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																409.18

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
 These projections were collected & developed by TCE staff & approved for publication.*