

Table 32.A Estimated costs and returns per Acre
 Central Texas Improved Pecans (Operational)
 2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
pecans	lb	2.67	650.0000	1735.50	_____

TOTAL INCOME				1805.00	_____
DIRECT EXPENSES					
CROP INSURANCE					
crop insurance-NAP	acre	1.67	1.0000	1.67	_____
Pecan - Irrigation					
Irrigation	ac/in	4.00	48.0000	192.00	_____
CUSTOM					
Custom Hedge	acre	125.00	0.3300	41.25	_____
Pecan Fertilizer					
Zinc	lb	1.00	10.0000	10.00	_____
Nitrogen	lbs	0.30	99.6000	29.88	_____
Pecan Herbicide					
Round-up, (Generic)	pint	5.11	2.5000	12.78	_____
Pecan Insecticide					
Lorsban	pint	5.20	4.5000	23.40	_____
Pecan Fungicide					
Enable	oz.	1.75	16.0000	28.00	_____
Irrig Labor - Pecans					
Irrigation Labor	hour	11.00	2.0988	23.08	_____
Harvesting Labor					
pecan harvest labor	hour	11.00	21.0000	231.00	_____
Electricity					
Electricity	kw/hr	0.11	131.0000	14.41	_____
Pecan Labor - Main.					
Labor	hour	10.00	4.0000	40.00	_____
OPERATOR LABOR					
Implements	hour	11.00	3.7378	41.11	_____
Tractors	hour	11.00	3.8700	42.57	_____
DIESEL FUEL					
Tractors	gal	3.61	6.7714	24.44	_____
Self-Propelled Eq.	gal	3.61	8.0000	28.88	_____
GASOLINE					
Tractors	gal	3.50	0.0059	0.02	_____
Pick-up, 3/4 ton	gal	3.50	1.8200	6.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	17.65	1.0000	17.65	_____
Tractors	Acre	13.10	1.0000	13.10	_____
Self-Propelled Eq.	Acre	10.37	1.0000	10.37	_____
Pick-up, 3/4 ton	acre	1.00	2.0000	2.00	_____
Pecan-Trickle Irr-Op	acre	0.30	48.0000	14.40	_____
INTEREST ON OP. CAP.				18.08	_____

TOTAL DIRECT EXPENSES				868.30	_____
RETURNS ABOVE DIRECT EXPENSES				867.20	_____
FIXED EXPENSES					
Implements	Acre	16.32	1.0000	16.32	_____
Tractors	Acre	17.32	1.0000	17.32	_____
Self-Propelled Eq.	Acre	8.33	1.0000	8.33	_____
Pick-up, 3/4 ton	acre	3.60	2.0000	7.20	_____
Pecan-Trickle Irr-Op	Acre	13.00	1.0000	13.00	_____

TOTAL FIXED EXPENSES				62.18	_____

TOTAL SPECIFIED EXPENSES				929.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				805.02	_____
ALLOCATED COST ITEMS					
Land Opport. Cost	acre	85.00	1.0000	85.00	_____
RESIDUAL RETURNS				720.02	_____

Updated by Chris Chammoun, Program Manager, Center of Innovation for Agribusiness, Tifton, GA, formerly Graduate Student, Dept. of Agricultural Economics, TAMU.

Table 32.B Estimated resource use and costs for field operations, per Acre
 Central Texas Improved Pecans (Operational)
 2012 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-----			
Custom Hedge	acre			1.00	Jan							0.3300	125.00	41.25	41.25
Boom sprayer - Pecan	12 foot	15	0.264	0.50	Apr	0.26	0.32	0.14	0.16	0.237	2.61				3.51
Round-up, (Generic)	pint											0.5000	1.25	0.62	0.62
Speed sprayer -Pecan		150	0.090	1.00	Apr	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Pick-up, 3/4 ton	acre							7.82	7.20			2.0000			15.02
Zinc	lb											2.0000	1.00	2.00	2.00
Speed sprayer -Pecan		150	0.090	1.00	May	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Pecan-Trickle Irr-Op	acre							14.40	13.00			48.0000			27.40
Zinc	lb											2.0000	1.00	2.00	2.00
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Irrigation Labor	hour											0.3498	11.00	3.84	3.84
Labor	hour											1.0000	10.00	10.00	10.00
Shredder - Pecan	15 foot	90	0.130	0.50	May	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Boom sprayer - Pecan	12 foot	15	0.264	0.50	May	0.26	0.32	0.14	0.16	0.237	2.61				3.51
Round-up, (Generic)	pint											0.5000	1.25	0.62	0.62
Speed sprayer -Pecan		150	0.090	1.00	May	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Zinc	lb											2.0000	1.00	2.00	2.00
Lorsban	pint											1.5000	4.25	6.37	6.37
Shredder - Pecan	15 foot	90	0.130	0.50	Jun	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Boom sprayer - Pecan	12 foot	15	0.264	0.50	Jun	0.26	0.32	0.14	0.16	0.237	2.61				3.51
Round-up, (Generic)	pint											0.5000	1.25	0.62	0.62
Speed sprayer -Pecan		150	0.090	1.00	Jun	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Zinc	lb											2.0000	1.00	2.00	2.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Lorsban	pint											1.5000	4.25	6.37	6.37
Enable	oz.											8.0000	1.75	14.00	14.00
Irrigation Labor	hour											0.3498	11.00	3.84	3.84
Shredder - Pecan	15 foot	90	0.130	0.50	Jul	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Boom sprayer - Pecan	12 foot	15	0.264	0.50	Jul	0.26	0.32	0.14	0.16	0.237	2.61				3.51
Round-up, (Generic)	pint											0.5000	1.25	0.62	0.62
Speed sprayer -Pecan		150	0.090	1.00	Jul	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Zinc	lb											2.0000	1.00	2.00	2.00
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Enable	oz.											8.0000	1.75	14.00	14.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Irrigation Labor	hour											0.3498	11.00	3.84	3.84
Labor	hour											1.0000	10.00	10.00	10.00
Speed sprayer -Pecan		150	0.090	1.00	Aug	3.29	1.76	1.35	1.30	0.450	4.95				12.66
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Lorsban	pint											1.5000	4.25	6.37	6.37
Irrigation Labor	hour											0.3498	11.00	3.84	3.84
Labor	hour											1.0000	10.00	10.00	10.00
Shredder - Pecan	15 foot	90	0.130	0.50	Aug	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Boom sprayer - Pecan	12 foot	15	0.264	0.50	Aug	0.26	0.32	0.14	0.16	0.237	2.61				3.51
Round-up, (Generic)	pint											0.5000	1.25	0.62	0.62
Irrigation Labor	hour			1.00	Aug							0.3498	11.00	3.84	3.84
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Shredder - Pecan	15 foot	90	0.130	0.50	Sep	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Irrigation Labor	hour			1.00	Sep							0.3498	11.00	3.84	3.84
Irrigation	ac/in											8.0000	4.00	32.00	32.00
Nitrogen	lbs											16.6000	0.50	8.30	8.30
Labor	hour											1.0000	10.00	10.00	10.00
Shredder - Pecan	15 foot	90	0.130	0.50	Oct	1.25	0.44	0.24	0.18	0.325	3.57				5.70
Pick-up, 3/4 ton	acre			1.00	Oct										
Pecan Shaker			0.400	1.00	Nov			9.05	3.03						12.08
Pecan Sweeper	10 feet		0.400	2.00	Nov			13.86	2.65						16.51
Pecan Sweeper	10 feet		0.400	2.00	Nov			13.86	2.65						16.51
Pecan Harvester	25 foot	90	0.353	1.00	Nov	6.82	2.43	7.38	6.57	1.768	19.44				42.66
pecan harvest labor	hour											21.0000	11.00	231.00	231.00
Electricity	kw/hr											131.0000	0.14	18.34	18.34
crop insurance-NAP	acre											1.0000	2.00	2.00	2.00
TOTALS			35.47	17.32		76.65	44.85	7.607	83.68			657.72			915.72
INTEREST ON OPERATING CAPITAL															18.08
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															933.81