

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2012*

B-1241 (C3)

Table 1. Estimated fuel prices, labor wage rates,
and interest rates

ITEM NAME	UNIT	PRICE
dollars		
FUEL TYPES		
Diesel Fuel	gal	3.38
Electricity	kWh	0.11
Gasoline	gal	3.20
LP Gas	gal	1.47
Natural Gas	Mcf	4.50
LABOR TYPES		
Operator	hour	10.00
Hand	hour	10.00
Irrigation	hour	10.00
Owner	hour	10.00
INTEREST RATES		
Short-term	%	6.50
Intermediate-term	%	6.00

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Table 2. Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	CONS RATE	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent	/hour				
Honda ATV		0.006	10	100	2,875	80	50.00	162.30	1.08	3.54	0.02
Pick-up Truck	3/4 ton	0.006	10	1500	40,250	60	15.00	49.61	0.33	3.30	0.02

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Table 3. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--
		LIFE	USE	PRICE	COST	CONS		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
Tractor	100	7	600	49,565	60	6.00	27.36	11.05
Tractor	125	10	600	86,250	60	6.69	31.23	14.95
Tractor	150	7	600	77,970	60	7.72	37.23	17.39
Tractor	225	7	600	100,280	50	11.58	51.07	22.37
Tractor	300	8	600	161,000	60	15.30	71.83	35.07
Tractor	40	7	350	19,320	75	2.57	14.60	7.38
Tractor	75	7	350	33,465	75	3.86	23.29	12.79
Tractor - Canola	100	8	200	140,000	23	12.50	62.37	56.14
Tractor - cattle	125	8	600	48,300	70	6.69	29.65	10.11
Tractor 2 Canola	50	8	100	42,000	95	6.00	70.15	35.80

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Table 4. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
air seeder - canola		0.050	5	75	80,000	12	26.66	1.33	101.84	5.09
Bedder	26 ft	0.086	7	200	5,922	80	3.38	0.29	4.95	0.42
Chisel - 25 Feet	25 Feet	0.091	7	250	23,000	50	6.57	0.60	15.38	1.40
chisel plow		0.058	8	150	29,000	96	23.20	1.36	19.41	1.14
Combine - Peanut		0.195	6	100	24,840	60	24.84	4.85	46.95	9.18
cultivator - 9 row	9 row	0.109	7	300	8,625	80	3.28	0.36	4.80	0.52
cultivator - field	28 feet	0.065	7	100	14,950	80	17.08	1.11	24.99	1.63
digger - peanut	12 feet	0.342	10	90	11,787	70	9.16	3.13	16.80	5.74
Disc-Tandem (21 ft)	21 feet	0.105	7	200	20,700	80	11.82	1.24	17.30	1.81
Drill - Grain	13.5 feet	0.212	7	120	9,200	70	7.66	1.62	12.82	2.72
Lister	20 feet	0.114	7	200	1,828	80	1.04	0.11	1.52	0.17
Moldboard Plow	8 feet	0.286	7	100	5,750	80	6.57	1.88	9.61	2.75
Planter	26.6 feet	0.086	7	150	4,715	70	3.14	0.27	5.25	0.45
Planter - Bed	8.3 feet	0.276	7	200	632	70	0.31	0.08	0.52	0.14
Sand Fighter	22.5 feet	0.057	7	100	1,150	80	1.31	0.07	1.92	0.11
Shredder - 4 row	13.3 feet	0.209	7	125	5,750	80	5.25	1.10	7.69	1.61
Sprayer - 25 feet	25 feet	0.088	7	100	1,495	70	1.49	0.13	2.49	0.22
Sprayer - Canola		0.016	5	50	25,000	40	40.00	0.66	52.17	0.86
Sprayer - Mounted	14 feet	0.157	7	100	747	70	0.74	0.11	1.24	0.19
Stripper - Cotton	6.6 feet	0.666	5	400	13,857	70	4.84	3.23	7.60	5.07
Vacuum Planter	4 row	0.229	10	30	12,983	70	30.29	6.94	55.51	12.71

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
custom		
aerial appl.	acre	3.00
canola - aerial appl	acre	4.50
cust harv - sorghum	acre	19.00
cust harv - wheat	acre	19.00
cust haul - peanut	ton	8.00
cust haul - sorghum	cwt.	0.25
cust haul - wheat	bu.	0.19
cust. harv. - peanut	ton	25.00
custom baling	bale	0.80
custom baling - alf	ton	25.00
dig - peanut	acre	10.00
drying - peanut	ton	20.00
fert. appl. - dual	acre	2.15
fert. appl. - peanut	acre	3.50
fert. application	acre	4.50
fung. & appl.	appl.	10.50
fungicide applic	acre	4.50
harvest aid applicat	acre	4.50
haul & mktg. - stock	head	7.50
haul & stack	bale	0.40
herb. application	acre	4.50
hired spot spray	acre	4.00
insec & appl - peanu	acre	11.00
insec. appl.	acre	4.50
overage - wheat	bu.	0.19
picking - custom	lb.	0.10
stripping - custom	lb.	0.09
feed		
finishing ration	cwt.	7.50
hay	bale	4.00
native pasture	acre	3.00
salt & mineral	lb.	0.18
salt & mineral - sto	lb.	0.15
supplement feed	lb.	0.12
wheat - pasture	lb.	0.32
fertilizer		
fert. (N) - small gr	lb.	0.60
fertilizer (N)	lb.	0.60
fertilizer (P)	lb.	0.64
potash (K)	lb.	0.50
sulfur	lb.	0.37
fungicide		
fung& appl - peanut	appl	10.50
fung-follicular/aboun	oz	1.47
fungicide	acre	10.25
fungicide - Bravo	pint	3.60
harvest		
Combine	acre	19.00
gin, bag, ties	lb.	0.12
Hauling - Canola	acre	3.50
Swath	acre	12.00

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
dollars		
herbicide		
Harvest aid - Prep	pint	2.88
Harvest aid -def	ounce	0.23
herb - Atrazine	quart	2.50
herb - Cadre	oz	13.05
herb - Cobra	oz	1.15
herb - Valor SX	oz	4.69
herb. - alf. valpar	pint	8.63
herb. - Butyrac	pint	4.50
herb. - prowl	pint	4.38
herb. - roundup	pint	2.35
herb. -alfalfa 2	acre	9.00
roundup	gallon	61.22

roundup - canola	pint	2.35
surflan	lb.	11.50
insecticide		
Bollweevil Erad.	acre	10.00
Guthion	pint	2.43
insec&appl - peanut	acre	11.00
insec&appl - sorghum	acre	11.06
insec&appl - wheat	appl	3.50
insect - sorghum	acre	6.25
insect. - alfalfa 1	pint	4.12
insect. - alfalfa 2	f. oz	1.60
insect. - cotton	f. oz	1.21
insect. - irr 2	acre	10.00
insect. - irr.1	acre	5.30
insect. - peanut	pint	11.66
insect. - wheat	acre	6.25
insecticide	appl.	4.50
parathion	pint	6.59
Pyrethroid	ounce	2.45
insurance		
canola-crop ins.	acre	14.00
crop ins. - dry cott	acre	15.00
crop ins. - sorghum	acre	8.00
crop ins. - wheat	acre	12.00
crop insu. - irr cot	acre	17.00
misc.		
fence repair	head	2.70
misc. - alfalfa	acre	1.00
misc. - bermuda	acre	1.00
misc. - cotton	acre	5.00
misc. - cow-calf	head	1.00
misc. - fartofin	head	20.00
misc. - sorghum	acre	1.00
misc. - stocker	head	2.00
misc. - wheat	acre	1.00
other direct cost	head	30.00
sales commision	head	0.05
stocker steers	cwt.	70.00
vet. med - cow-calf	head	14.32

Table 5. Operating inputs: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
vet. med. - stkr 1	head	8.50
vet. med. - stkr 2	head	16.80
vet. med. - stocker	head	8.50
water facilities rep	head	1.30
seed		
canola seed	lb	5.00
cotton seed	lb.	6.30
cotton seed count	100	0.15
seed - alfalfa	lb.	3.80
seed - peanut	lb.	1.13
seed - smgrain	lb.	0.32
seed - sorghum	lb.	0.76
seed - wheat	lb.	0.32

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Table 6. Other durable inputs: estimated repair cost, fuel consumption rate, direct cost per unit of measure, and fixed cost per unit of measure or per acre

ITEM NAME	UNIT	REPAIR COST	FUEL CONS RATE	DIRECT COST	----FIXED COST----	
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
irrigation	ac/in	2.330	16.400	4.216		38.64

Table 7. Operating input categories

ITEM NAME

custom
feed
fertilizer
fungicide
harvest
herbicide
insecticide
insurance
misc.
seed

Table 8. Products: estimated prices

ITEM NAME	UNIT	PRICE
		dollars
canola	lbs	0.24
cotton lint	lb.	0.64
cotton lint - irr.	lb.	0.64
cottonseed	ton	325.00
hay - alfalfa	ton	300.00
pasture - wheat	lb/g	0.72
peanut - runners	ton	625.00
peanuts	ton	355.00
sorghum	cwt	11.10
wheat	bu.	8.25

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Table 9. Allocated cost items: estimated costs

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
cash rent - alf irr.	75.00			
cash rent - alfalfa	30.00			
cash rent - coastal	20.00			
cash rent - peanut	75.00			
cash rent - smgrain	35.00			
cash rent-canola	35.00			
cotton - irr	75.00			
cotton dry	35.00			
land charge - dry	18.00			
land charge - forage	15.00			
land charge - irrig.	40.00			
land charge - peanut	32.00			
land charge - sorgd	35.00			
land charge - sorgi	25.00			
land charge - wheat	35.00			
pasture rent	3.00			
perennial - alf dry	67.06			
perennial - alf irr	116.37			
perennial - bermuda	130.73			