

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2009*

B-1241 (C12)

Table 1. Estimated fuel prices, labor wage rates,
and interest rates, For Planning Purposes Only

ITEM NAME	UNIT	PRICE
		dollars
FUEL TYPES		
Diesel Fuel	gal	2.80
Electricity	kWh	0.09
Gasoline	gal	1.90
LP Gas	gal	1.49
Natural Gas	Mcf	6.50
LABOR TYPES		
Operator	hour	7.50
Hand	hour	7.50
Irrigation	hour	7.50
Owner	hour	0.00
INTEREST RATES		
Short-term	%	9.00
Intermediate-term	%	9.00

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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, For Planning Purposes Only

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL	--DIRECT COST--	--FIXED COST--		
							CONS RATE				
		hrs/ac	years	hours	dollars	percent	/hour	\$/hr	\$/ac	\$/hr	\$/ac
ATV - 4 Wheeler (CL)	10'	0.040	8	100	6,500	60	1.00	6.77	0.27	11.74	0.46
ATV - 4 Wheeler (SL)	10'	0.020	8	100	6,500	60	1.00	6.77	0.13	11.74	0.23
Combine-Corn	4-Row	0.241	10	250	158,400	80	5.70	66.64	16.06	98.72	23.79
Combine-Corn	8-Row	0.121	10	250	174,200	80	5.70	71.70	8.67	108.57	13.13
Combine-Sorghum	20'	0.141	10	250	153,800	80	5.70	65.17	9.18	95.86	13.51
Combine-Sorghum	25'	0.113	10	250	155,200	80	5.70	65.62	7.41	96.73	10.93
Combine-Soybeans	20'	0.153	10	250	155,800	80	5.70	65.81	10.06	97.10	14.85
Combine-Soybeans	25'	0.122	10	250	157,800	80	5.70	66.45	8.10	98.35	11.99
Combine-Wheat	20'	0.122	10	250	153,800	80	5.70	65.17	7.95	95.86	11.69
Combine-Wheat	25'	0.098	10	250	155,200	80	5.70	65.62	6.43	96.73	9.47
Cotton Picker-1st-BB	4-Row	0.181	10	200	188,100	80	9.00	100.44	18.17	146.54	26.52
Cotton Picker-1st-BB	5-Row	0.183	10	200	208,600	80	9.00	108.64	19.88	162.52	29.74
Cotton Picker-1st-Tr	2-Row	0.383	10	200	134,400	75	7.00	70.00	26.81	104.71	40.10
Cotton Picker-1st-Tr	4-Row	0.192	10	200	188,100	80	9.00	100.44	19.28	146.54	28.13
Cotton Picker-2nd-Tr	2-Row	0.305	10	200	134,400	75	7.00	70.00	21.35	104.71	31.93
Cotton Picker-2nd-Tr	4-Row	0.152	10	200	188,100	80	9.00	100.44	15.26	146.54	22.27
Cotton Picker-2nd-Tr	5-Row	0.154	10	200	208,600	80	9.00	108.64	16.73	162.52	25.02
Fork Lift		1.000	20	350	21,000	50	1.50	4.35	4.35	6.57	6.57
Hi-Clear Sprayer	40'	0.049	8	350	49,600	80	2.00	19.77	0.96	25.60	1.25
Hi-Clear Sprayer	60'	0.033	8	350	57,000	80	2.00	21.88	0.72	29.42	0.97
Tractor - Sprig	75 hp	0.400	14	600	31,000	75	3.86	13.57	5.43	6.63	2.65
Truck	1/2 ton	1.000	800	45	13,000	50	2.50	4.93	4.93	26.00	26.00
Truck	2 ton	1.000	19	400	31,000	50	3.70	9.06	9.06	8.65	8.65
xxxx		0.000	1	1	0	0	0.00	0.00	0.00	0.00	0.00
xxxxx		0.000	1	1	0	0	0.00	0.00	0.00	0.00	0.00

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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, For Planning Purposes Only

ITEM NAME	SIZE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL	--DIRECT COST--	--FIXED COST--
						CONS RATE		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
High Clear Tractor	75 hp	16	300	33,100	75	4.90	18.89	13.27
Rio Farms Tractor	160	15	600	85,500	60	8.75	30.20	-710.33
Track-Driven Tractor	200 hp	1	1	0	1	1.00	2.80	0.00
Track-Driven Tractor	260 hp	1	1	0	1	1.00	2.80	0.00
Track-Driven Tractor	280 hp	1	1	0	1	1.00	2.80	0.00
Tractor 40-59 hp	50 hp	14	600	21,700	75	2.57	9.14	4.64
Tractor 60-89 hp	75 hp	14	600	31,000	75	3.86	13.57	6.63
Tractor 90-119 hp	105 hp	14	156	50,200	60	5.40	28.92	38.85
Tractor 120-139 hp	130 hp	14	338	67,200	60	6.69	27.25	24.00
Tractor 140-159 hp	150 hp	14	600	74,300	60	7.72	26.92	15.90
Tractor 160-179 hp	170 hp	14	600	79,400	60	8.75	30.17	16.99
Tractor 180-199 hp	190 hp	14	600	88,000	60	9.78	33.66	18.83
Tractor 200-219 hp	210 hp	14	600	97,800	50	10.80	36.08	20.93
Tractor 220-229	225 hp	14	600	117,600	50	11.58	39.42	25.17
xxxxxx		1	1	0	1	1.00	2.80	0.00
xxxxxx		1	1	0	1	1.00	2.80	0.00
xxxxxx		1	1	0	1	1.00	2.80	0.00
xxxxxx		1	1	0	1	1.00	2.80	0.00

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

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	---DIRECT COST---		---FIXED COST---	
							\$/hr	\$/ac	\$/hr	\$/ac
80" Row Disk	38-80	0.094	8	160	9,490	80	5.93	0.55	10.70	1.00
Bed Shaper - Nelsons	38-80	0.470	12	150	4,470	70	0.14	0.07	0.40	0.18
Hull Buggy	4 bale	0.220	10	200	17,340	50	4.33	0.95	13.50	2.97
Chisel Plow	12"	0.156	12	150	4,950	70	1.90	0.29	4.58	0.71
Chisel Plow	14"	0.117	12	150	6,120	70	1.38	0.27	5.49	0.66
Chisel Plow	32"	0.059	12	150	9,790	70	1.80	0.22	9.11	0.53
Conv Grain Cart	500 bu	0.241	12	200	11,420	80	3.80	0.91	7.97	1.92
Cult & Post (Early)	88-40	0.133	12	200	11,080	80	3.69	0.49	7.73	1.02
Cult & Post (Early)	88-40	0.100	12	200	15,750	80	5.25	0.52	10.99	1.09
Cult & Post (Early)	108-30	0.106	12	200	14,940	80	4.98	0.52	10.43	1.10
Cult & Post (Late)	88-40	0.089	12	200	11,080	80	3.69	0.32	7.73	0.68
Cult & Post (Late)	88-40	0.067	12	200	15,750	80	5.25	0.35	10.99	0.73
Cult & Post (Late)	108-30	0.071	12	200	14,940	80	4.98	0.35	10.43	0.74
Cultivate (Early)	38-80	0.137	12	200	8,770	80	2.92	0.37	6.12	0.77
Cultivate (Early)	88-40	0.099	12	200	11,240	80	4.08	0.38	8.54	0.61
Cultivate (Early)	108-30	0.101	12	200	11,220	80	3.74	0.37	7.83	0.79
Cultivate (Late)	38-80	0.089	12	200	8,770	80	2.92	0.24	6.12	0.52
Cultivate (Late)	88-40	0.064	12	200	12,240	80	4.08	0.26	8.54	0.54
Cultivate (Late)	108-30	0.068	12	200	11,220	80	3.74	0.25	7.83	0.53
Cyclone Spin	600 lb	0.200	8	50	600	30	0.45	0.09	2.16	0.43
Disk Bed (Hipper)	88-40	0.094	8	160	7,140	80	4.46	0.41	8.06	0.75
Disk Bed (Hipper)	88-40	0.070	8	160	9,490	80	5.93	0.41	10.71	0.75
Disk Bed (Hipper)	108-30	0.075	8	160	9,790	80	6.11	0.45	11.05	0.82
Ditcher	standard	0.020	10	40	2,330	60	3.49	0.06	9.07	0.18
Fert Appl (Liquid)	38-80	0.098	8	150	10,810	50	4.50	0.44	13.02	1.27
Fert Appl (Liquid)	88-40	0.074	8	55	11,100	50	12.52	0.92	36.19	2.67
Fert Appl (Liquid)	108-30	0.079	8	150	11,420	50	4.75	0.37	13.75	1.08
Fert Appl (Liquid)	88-40	0.098	8	150	10,810	50	4.50	0.44	12.36	1.21
Field Cultivate	12"	0.120	10	100	5,920	65	3.84	0.46	9.22	1.10
Field Cultivate	24"	0.060	10	100	12,750	65	8.28	0.49	19.86	1.19
Field Cultivate	32"	0.045	10	100	14,280	65	8.28	0.41	22.25	1.00
Grain Drill	12"	0.156	10	100	10,200	70	7.14	1.11	15.89	2.47
Grain Drill	20"	0.094	10	100	20,940	70	14.83	1.37	32.58	3.06
Grain Drill	30"	0.082	10	100	22,130	70	22.49	1.43	39.06	3.15
Hay Bale	Conv	0.270	8	200	12,915	80	6.45	1.74	11.66	3.15
Hay Bale	16 Round	0.220	8	200	17,657	80	8.82	1.94	15.95	3.50
Hay Bale	Med Round	0.330	8	200	14,961	80	7.48	2.46	13.51	4.46
Hay Bale	36 Round	0.000	8	200	0	80	0.00	0.00	0.00	0.00
Hay Cut - Cond	12 Ft	0.300	8	200	18,315	100	11.48	3.44	16.59	4.97
Hay Cut - Cond	7 Ft	0.290	8	200	0	100	0.00	0.00	0.00	0.00
Hay Cut - Cond	9 Ft	0.230	8	200	12,714	100	7.94	1.82	11.48	2.44
Hay Disk Mower	8 Ft	0.260	8	200	6,618	100	3.75	0.97	5.43	1.41
Hay Loader	Pop-Up	0.400	10	200	0	80	0.00	0.00	0.00	0.00
Hay Mower	2 Bale Lft	0.300	10	200	305	50	0.07	0.02	0.23	0.07
Hay Mower	2 Bale Lft	0.150	15	200	1,824	10	0.06	0.00	1.13	0.17
Hay Mower	6 Ft	0.500	8	200	0	100	0.00	0.00	0.00	0.00
Hay Rake	8.5 Ft	0.290	8	200	2,220	80	1.11	0.32	2.00	0.58
Hay Rake - Double	17 Ft	0.150	8	200	2,421	80	1.31	0.19	2.36	0.35
Hay Tedder	17 Ft	0.060	8	200	3,461	80	1.83	0.10	3.30	0.19

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

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	---DIRECT COST---		---FIXED COST---	
							\$/hr	\$/ac	\$/hr	\$/ac
Hay Trailer	20 Ft	0.090	15	200	2,733	80	0.72	0.06	1.69	0.15
Heavy Disk	14"	0.167	10	180	13,260	80	8.99	0.98	11.47	1.91
Heavy Disk	21"	0.112	10	180	17,850	80	9.93	0.88	15.43	1.73
Lilliston Cultivator	88-40	0.095	15	80	10,000	80	6.66	0.63	15.08	1.43
Litter Bedder	38-80	0.090	8	160	7,140	80	4.46	0.40	7.65	0.68
Manure Spreader	130	0.300	12	150	0	100	0.00	0.00	0.00	0.00
Module Builder	32"	0.220	10	110	19,890	50	9.04	1.98	28.17	6.19
Moldboard Plow	3 bottom	0.400	15	120	0	80	0.00	0.00	0.00	0.00
Moldboard Plow	4 bottom	0.375	12	150	5,000	70	1.94	0.72	4.57	1.71
No-Till Grain Drill	12"	0.195	10	100	21,950	70	14.06	3.13	35.76	6.97
No-Till Grain Drill	20"	0.117	10	100	33,150	70	23.20	2.71	51.45	6.04
No-Till Plant	88-40	0.088	12	150	33,410	70	12.99	1.14	31.10	2.73
No-Till Plant	108-30	0.094	12	150	39,980	70	15.54	1.46	37.22	3.49
No-Till Plant & Pre	88-40	0.092	12	150	36,530	70	14.20	1.30	34.00	3.12
No-Till Plant & Pre	108-30	0.098	12	150	43,200	70	16.80	1.64	40.21	3.94
Plant	88-40	0.070	12	150	24,230	70	9.42	0.65	22.55	1.57
Plant	108-30	0.075	12	150	26,520	70	10.31	0.77	24.69	1.85
Plant & Pre	88-40	0.074	12	74	27,350	70	21.55	1.59	51.61	3.81
Plant & Pre	108-30	0.078	12	150	29,730	70	11.56	0.91	27.67	2.18
Plant & Pre	38-80	0.100	12	150	20,000	70	7.77	0.77	18.61	1.86
Planter, Shanley	88-40	0.225	10	50	10,000	0	0.13	0.03	29.84	7.01
Pluch/Stripage Layer	38-80	0.110	15	120	10,350	70	4.02	0.44	10.40	1.14
Roll-Out Pipe Spool	1 roll	0.010	12	15	2,630	10	1.46	0.01	24.48	0.24
Roller Stack Chopper	8-row	0.040	10	40	5,000	70	8.75	0.35	49.47	0.77
Spin Spreader	4 ton	0.100	8	100	7,140	80	7.14	0.71	12.90	1.29
Spray (Band)	27'	0.061	8	200	3,630	100	2.24	0.13	3.27	0.20
Spray (Band)	42'	0.038	8	200	4,020	100	2.53	0.09	3.63	0.14
Spray (Band)	60'	0.027	8	200	4,770	100	2.98	0.08	4.30	0.11
Spray (Broadcast)	27'	0.061	8	200	3,630	100	2.24	0.13	3.27	0.20
Spray (Broadcast)	42'	0.039	8	200	4,010	100	2.50	0.09	3.62	0.14
Spray (Broadcast)	60'	0.027	8	200	4,770	100	2.98	0.08	4.30	0.11
Spray (Hooded)	8-row	0.133	12	200	7,309	85	2.58	0.14	5.10	0.67
Spray (Hooded)	8-row	0.100	12	200	8,914	85	3.15	0.31	6.22	0.62
Spray (Layby)	10-row	0.054	12	200	4,042	75	1.24	0.06	2.80	0.15
Spray (Layby)	12-row	0.050	12	200	4,898	75	1.53	0.07	3.42	0.17
Spray (Layby)	8-row	0.089	12	200	2,362	75	0.73	0.06	1.64	0.14
Spray (Layby)	8-row	0.067	12	200	2,883	75	0.90	0.06	2.01	0.13
Spray (Spot)	27'	0.061	8	200	3,630	100	2.24	0.13	3.27	0.20
Spray (Spot)	42'	0.039	8	200	4,020	100	2.51	0.09	3.63	0.14
Spray (Spot)	60'	0.027	8	200	4,770	100	2.98	0.08	4.30	0.11
Spray-TR Mount-3pt	21 Ft	0.078	8	200	1,590	80	0.79	0.06	1.43	0.11
Stack Bladder	12"	0.142	10	180	7,860	40	1.72	0.24	6.70	0.95
Subsoiler	3 Shank	0.188	15	100	3,110	100	2.07	0.38	3.85	0.72
Subsoiler	5 Shank	0.113	15	100	5,610	100	3.74	0.42	6.95	0.78
Subsoiler	0.080	15	100	7,650	100	4.10	0.40	9.49	0.75	
Trailer - Vegetables		0.090	15	200	1,810	80	0.48	0.04	1.12	0.10
Trailer - Water	10 Ft	0.600	10	150	3,600	40	0.96	0.57	3.73	2.24
Vege. Transplanter	1 row	0.050	10	100	2,400	80	2.08	0.10	3.88	0.19

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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, For Planning Purposes Only

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	----FIXED COST----	
		COST	CONS RATE		\$/U of M	\$/U of M
Ctr Pivot Pump	acre	0.000	0.000	0.000	5.530	5.53
Ctr Pivot Pump Motor	acre	0.000	0.000	0.000	6.110	6.11
Ctr Pivot, .25 mi	inch	1.870	1.889	7.159		45.42
Ctr Pivot, .25 mile	acre	0.000	0.000	0.000	13.100	13.10
Ctr Pivot, .5 mi	inch	1.190	2.284	7.585		24.66
Drip Pump & motor	acre	2.610	6.680	21.314	13.150	13.15
Drip Trailer System	hour	0.050	1.200	3.410	1.210	1.21
Gate Valves	each	5.000	0.000	5.000	17.500	
Labor (Flood)	hour	0.000	0.000	0.000		
Labor (Irr. Setup)	hour	0.000	0.000	0.000		
Labor (Weed Control)	hour	0.000	0.000	0.000		
Land Forming	acre	0.000	0.000	0.000	17.000	
Land Leveling	acre	0.000	0.000	0.000	0.850	0.85
Permanent Valve Irr.	acre	0.000	0.000	0.000	45.000	45.00
Tile Drainage System	acre	0.000	0.000	0.000	1.260	1.26
Universal Hydrant	each	5.000	0.000	5.000	11.400	
Well, 300 feet	acre	0.000	0.000	0.000	21.910	21.91
Year 1 Est. Costs	acre	0.000	0.000	0.000	209.040	209.04

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Table 7. Operating input categories, For Planning Purposes Only

ITEM NAME

ADJUVANT
CUSTOM CANE OPS
CUSTOM FERTILIZE
CUSTOM HARVEST/HAUL
CUSTOM HORT SERVICES
CUSTOM HORT. HARVEST
CUSTOM ORCHARD OPS.
CUSTOM ORCHD. SPRAY
CUSTOM SOIL APPL.
CUSTOM SPRAY
FERTILIZER
FUNGICIDE
GROWTH REGULATOR
HARVEST AID
HERBICIDE
HIRED LABOR CREW
HORT. SUPPLIES
INSECTICIDE/MITICIDE
INSURANCE
IRRIGATION SUPPLIES
ORCHARD SUPPLIES
PROCESSING
SEED/PLANTS
SERVICE FEE
TECHNOLOGY FEE

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Table 8. Products: estimated prices, For Planning Purposes Only

ITEM NAME	UNIT	PRICE
		dollars
Cabbage	crtn	5.45
Cantaloupes	crtn	9.77
Carrots	bags	7.25
Corn	bu	5.00
Cotton Lint	lb	0.65
Cotton Seed	ton	230.00
Grain Sorghum	cwt	8.80
Grapefruit (Rio Red)	tons	88.88
Grapefruit for fresh	ton	152.50
Grapefruit for juice	ton	34.29
Honeydews	crtn	7.54
Onions, Yellow	sack	8.00
Peanuts	ton	355.00
Sugar Cane	tons	18.00
Watermelon, Allsweet	cwt	6.00
Watermelon, seedless	cwt	7.25

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Table 9. Allocated cost items: estimated costs, For Planning Purposes Only

ITEM NAME	DOLLARS PER ACRE	% OF INCOME	% OF DIRECT EXPENSES	% OF TOTAL EXPENSES
Cash Rent, Irr. Veg	100.00			
Cash Rent, S. Cane	100.00			
Cash Rent, S. Texas	50.00			
Corn Share Rent		33.00		
Family Living Costs	50.00			
Land Cost, Orchard	150.00			
Overhead Expenses	30.00			
Share Rent %of Gross		33.00		
Share Rent% of Gross		25.00		