

*Projections for Planning Purposes Only
Not to be Used without Updating after February 1, 2013*

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	3.25
Electricity	kWh	0.09
Gasoline	gal	3.00
LP Gas	gal	1.49
Natural Gas	Mcf	6.50
LABOR TYPES		
Operator	hour	9.00
Hand	hour	9.00
Irrigation	hour	9.00
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	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent	/hour				
ATV - 4 Wheeler (CL)	10'	0.040	8	100	6,500	60	1.00	7.87	0.31	11.74	0.46
ATV - 4 Wheeler (SL)	10'	0.020	8	100	6,500	60	1.00	7.87	0.15	11.74	0.23
Combine-Corn	4-Row	0.241	10	250	158,400	80	5.70	69.21	16.68	98.72	23.79
Combine-Corn	8-Row	0.121	10	250	174,200	80	5.70	74.26	8.98	108.57	13.13
Combine-Sorghum	20'	0.141	10	250	153,800	80	5.70	67.74	9.55	95.86	13.51
Combine-Sorghum	25'	0.113	10	250	155,200	80	5.70	68.18	7.70	96.73	10.93
Combine-Soybeans	20'	0.153	10	250	155,800	80	5.70	68.38	10.46	97.10	14.85
Combine-Soybeans	25'	0.122	10	250	157,800	80	5.70	69.02	8.42	98.35	11.99
Combine-Wheat	20'	0.122	10	250	153,800	80	5.70	67.74	8.26	95.86	11.69
Combine-Wheat	25'	0.098	10	250	155,200	80	5.70	68.18	6.68	96.73	9.47
Cotton Picker-1st-BB	4-Row	0.181	10	200	188,100	80	9.00	104.49	18.91	146.54	26.52
Cotton Picker-1st-BB	5-Row	0.183	10	200	208,600	80	9.00	112.69	20.62	162.52	29.74
Cotton Picker-1st-Tr	2-Row	0.383	10	200	134,400	75	7.00	73.15	28.01	104.71	40.10
Cotton Picker-1st-Tr	4-Row	0.192	10	200	188,100	80	9.00	104.49	20.06	146.54	28.13
Cotton Picker-2nd-Tr	2-Row	0.305	10	200	134,400	75	7.00	73.15	22.31	104.71	31.93
Cotton Picker-2nd-Tr	4-Row	0.152	10	200	188,100	80	9.00	104.49	15.88	146.54	22.27
Cotton Picker-2nd-Tr	5-Row	0.154	10	200	208,600	80	9.00	112.69	17.35	162.52	25.02
Fork Lift		1.000	20	350	21,000	50	1.50	6.00	6.00	6.57	6.57
Hi-Clear Sprayer	40'	0.049	8	350	49,600	80	2.00	20.67	1.01	25.60	1.25
Hi-Clear Sprayer	60'	0.033	8	350	57,000	80	2.00	22.78	0.75	29.42	0.97
Tractor - Sprig	75 hp	0.400	14	600	31,000	75	3.86	15.31	6.12	6.63	2.65
Truck	1/2 ton	1.000	800	45	13,000	50	2.50	7.68	7.68	26.00	26.00
Truck	2 ton	1.000	19	400	31,000	50	3.70	13.13	13.13	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	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--
		LIFE	USE	PRICE	COST	CONS		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
High Clear Tractor	75 hp	16	300	33,100	75	4.90	21.09	13.27
Rio Farms Tractor	160	15	600	85,500	60	8.75	34.13	-710.33
Track-Driven Tractor	200 hp	1	1	0	1	1.00	3.25	0.00
Track-Driven Tractor	260 hp	1	1	0	1	1.00	3.25	0.00
Track-Driven Tractor	280 hp	1	1	0	1	1.00	3.25	0.00
Tractor 40-59 hp	50 hp	14	600	21,700	75	2.57	10.30	4.64
Tractor 60-89 hp	75 hp	14	600	31,000	75	3.86	15.31	6.63
Tractor 90-119 hp	105 hp	14	156	50,200	60	5.40	31.35	38.85
Tractor 120-139 hp	130 hp	14	338	67,200	60	6.69	30.26	24.00
Tractor 140-159 hp	150 hp	14	600	74,300	60	7.72	30.40	15.90
Tractor 160-179 hp	170 hp	14	600	79,400	60	8.75	34.10	16.99
Tractor 180-199 hp	190 hp	14	600	88,000	60	9.78	38.07	18.83
Tractor 200-219 hp	210 hp	14	600	97,800	50	10.80	40.95	20.93
Tractor 220-229	225 hp	14	600	117,600	50	11.58	44.63	25.17
xxxxx		1	1	0	1	1.00	3.25	0.00
xxxxx		1	1	0	1	1.00	3.25	0.00
xxxxx		1	1	0	1	1.00	3.25	0.00
xxxxx		1	1	0	1	1.00	3.25	0.00

Table 5. Operating inputs: estimated prices, For Planning Purposes Only

ITEM NAME	UNIT	PRICE
dollars		
CUSTOM CANE OPS		
Rake and burn	acre	10.00
seed covering	acre	9.20
seed cutting	ton	9.00
seed transport/distr	acre	180.00
CUSTOM FERTILIZE		
App Fert by Air	appl	3.75
Apply Liquid Fert	acre	2.50
Apply N32 from Co-op	ton	165.00
CUSTOM HORT SERVICES		
Order seedlings	order	0.00
CUSTOM HARVEST/HAUL		
Burn, Harvest & Haul	tons	0.00
Custom Harvest Corn	bu	0.33
Harvest/Haul Sorghum	cwt	0.90
Haul Corn	bu	0.16
Haul Cotton	lb	0.15
Haul Sorghum	cwt	0.25
CUSTOM HORT. HARVEST		
Drying Onions	bag	0.44
Harvest Cabbage	crtn	1.31
Harvest Cantaloupe	crtn	1.38
Harvest Honeydews	crtn	1.38
Harvest Onions	bag	1.75
Harvest/Sell Wtrmlns	cwt	3.30
Pack & Count Cabbage	crtn	2.25
Pack & Count Cantal.	crtn	2.53
Pack & Count Honeyd.	crtn	2.53
Pack & Count Onions	bag	1.60
Pick/Pack/Ship	crtn	0.00
Sale Consign. Onions	bag	0.55
Sales Consign. Cabb	crtn	0.50
Sales Consign. Canta	crtn	0.55
Sales Consign. Hnydw	crtn	0.55
CUSTOM ORCHARD OPS.		
Custom Fert. Citrus	acre	4.40
Custom Orchard Spray	acre	38.50
Hedging or Topping	acre	66.00
Land prep and level	acre	165.00
Layout/Plant	tree	1.38
Tree Replacement	tree	12.00
Young citrus trees	tree	12.00
CUSTOM SPRAY		
App by Air (1 gal)	appl	2.00
App by Air (2 gal)	appl	6.25
App by Air (3 gal)	appl	6.25
App by Air (5 gal)	appl	3.25
App by Air (10 gal)	appl	5.10
Foliar Iron Sulphate	acre	10.25
FERTILIZER		
Amm Nitrate (34% N)	cwt	22.50
Amm Sulfate (21% N)	cwt	20.70

Table 5. Operating inputs: estimated prices, For Planning Purposes Only

ITEM NAME	UNIT	PRICE
dollars		
Anhy Ammonia (82% N)	cwt	14.80
Boron (Solubor)	lb	0.08
Calcium Nitrate	cwt	16.89
Fert 0-20-20	cwt	14.53
Fert 10-34-0	cwt	35.00
Fert 13-13-13	cwt	17.54
Fert 25-10-0	tons	410.00

Fert 5-20-20	cwt	16.88
Foligro	qt	37.00
Phosphorus (46% P2O5)	cwt	29.30
Potash (60% K2O)	cwt	11.13
Sulfur	lb	0.52
UAN (32% N)	cwt	21.10
Urea, Solid (46% N)	cwt	19.10
FUNGICIDE		
Apron XL	oz	9.04
Benlate	lb	17.00
Benlate 50 WP	lb	16.57
Bravo Ultrex	qt	10.96
Captan 50 WP	lb	2.78
Captan 80 WP	lb	2.35
Copper	lb	2.35
Delta Coat AD	oz	3.38
Dithane DF	lb	2.77
Dithane F-45	qt	4.53
Dithane F-45	qt	8.17
Fungicide	lb	2.04
Manzate 200 DF	lb	3.42
Moncut 50 WP	lb	25.13
Orbit EC	oz	2.96
Prevail	lb	20.13
Quadris	oz	2.47
Ridomil 2E	oz	1.29
Ridomil Gold	oz	6.22
Ridomil MZ72	lb	9.57
Ridomil PC 11G	lb	1.70
Rovral 4f	pt	17.72
Rovral R	pt	19.56
Rovral WG	lb	20.80
Terraclor 2EC	pt	2.18
Terraclor Super X EC	pt	3.37
Terraclor Super X G	lb	2.04
Tilt EC	oz	2.42
Vitavax 200	oz	0.35
Vitavax M	oz	0.13
Vitavax RTU-Thiram	oz	0.30
Vitavax T-L	oz	0.28
GROWTH REGULATOR		
Early Harvest PGR	oz	1.51
PGR IV	oz	1.50
Pix	oz	0.25
HARVEST AID		
Accelerate	pt	2.91
Ammonium Sulfate	lb	0.22
Boll'd	pt	6.50
CottonQuik	pt	3.74
Def 6	pt	5.28
Def/Folex 6	pt	5.34
Dropp SC	lb	37.44
Finish	pt	6.80
Folex	pt	5.34
Gramoxone Extra	pt	4.49
Harvade 5F	oz	0.61
Prep	pt	6.46
Sodium Chlorate 3L	gal	2.21
Sodium Chlorate 6L	gal	4.29
Starfire	pt	4.15
HERBICIDE		
2,4-D Amine	pt	1.94
2,4-D Ester	pt	1.75
AAtrex 4L	pt	2.28
Atrazine 4L	pt	1.72
Banvel	pt	10.31
Bicep 6L	qt	8.31
Bladex 4L	qt	6.83
Dacthal W75	lb	10.00

Dual 8E	pt	7.88
Dual Magnum	pt	11.85
Fusilade DX	oz	0.92
Glyphosate	pt	1.79
Goal 2XL	gal	78.96
Gramoxone Extra	pt	4.41
Harmony Extra	oz	13.90
Krovar I 80 DF	lb	13.00
Lasso 4E	qt	5.53
Permit & applicat	acre	19.79
Poast Plus	pt	6.05
Prefar 4E	qt	17.92
Prowl 3.3 EC	pt	5.51
Roundup	gal	34.73
Simizine 90DF	gallon	22.88
Staple	oz	20.85
Surfactant	pt	1.61
Treflan 5	pt	3.99
Treflan EC	pt	2.20
Trifluralin 4EC	pt	3.19
Zorial Rapid 80	lb	13.69
HIRED LABOR CREW		
Pickup plastic	hour	9.00
Transplant melons	hour	9.00
HORT. SUPPLIES		
Bee Rental	hive	85.00
Plastic Mulch, 3x4K'	roll	68.00
INSECTICIDE/MITICIDE		
Ammo 2.5 EC	oz	1.70
Admire	gal	326.40
Agri-Mek	gal	110.08
Ambush 25W	oz	0.00
Ambush 2E	oz	0.00
Asana XL	oz	0.75
Azinphos Methyl 50WP	lb	8.03
Baythroid 2	oz	3.57
Bidrin 8L	oz	0.66
Capture 2EC	oz	0.00
Citrus Oil	gal	3.42
Comite	pt	0.00
Comite II	pt	0.00
Condor XL	pt	0.00
Confirm 2F	oz	0.00
Defoaming Agent	oz	0.87
Di-Syston 15G	lb	1.57
Di-Syston 8	pt	9.45
Diazinon AG500	pt	5.45
Dimethoate 4E	pt	3.96
Dimilin 25W	oz	0.00
Dimilin 2L	oz	0.00
Dipel 4L	pt	3.65
Dipel ES	pt	3.13
Endosulfan	oz	0.00
Furadan 3G	lb	0.80
Furadan 4F	pt	8.38
Fury 1.5 EC	oz	1.90
Javelin WG	lb	0.00
Karate	oz	3.15
Lannate 1.8E	pt	0.00
Larvin 3.2	oz	0.43
Lorsban	gal	44.32
Lorsban 15G	lb	1.77
Lorsban 4E	pt	5.54
F		
Lorsban 4E	pt	5.54
INSECTICIDE/MITICIDE		
Malathion	pt	3.07
Methyl 4EC	pt	3.50
Oberon 4SC	oz	1.90

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Oil	gal	2.50
Orthene 90S	lb	9.41
Provado 1.6F	oz	3.35
Scout X-TRA	oz	1.97
Temik (to citrus)	lb	3.25
Temik 15G	lb	3.86
Thimet 20-G	lb	2.06
Thiodan 3 EC	qt	8.92
Tracer	oz	8.45
Vendex	lb	38.30
Vendex	lb	38.30
Vydate	gal	106.24
Vydate C-LV	oz	0.83
INSURANCE		
Established Grapefrt	acre	115.00
Established Oranges	acre	85.00
Grapefruit, Year 1	acre	40.00
Grapefruit, Year 2	acre	70.00
Grapefruit, Year 4	acre	104.00
MPCI: Dry. Cotton	acre	10.00
MPCI: Irr. Cotton	acre	13.00
MPCI: Irr. Corn	acre	5.00
MPCI: Irr. Sorghum	acre	5.00
IRRIGATION SUPPLIES		
Irrigation Water	ac-ft	20.00
Lay Flat Pipe	ft	0.18
DripTape (2 seasons)	feet	0.00
Irrigation, Well H2O	inch	0.00
sulfuric acid	oz	0.01
ORCHARD SUPPLIES		
Tree Wraps	tree	1.10
PROCESSING		
Dry Corn	bu	0.19
Dry Grain Sorghum	cwt	0.25
Gin	lb	0.12
SEED/PLANTS		
Bt Cotton Seed	lb	1.08
Cabbage Seed	lb	150.00
Cantaloupe Seedlings	thou	33.50
Cantaloupe Seeds	lb	130.00
Carrot Seed	acre	115.00
Corn Seed	thous	3.19
Cotton Seed	lb	1.95
Cotton Seed GMO	lb	5.35
Grain Sorghum Seed	lb	3.35
Honeydew Seed	lb	60.00
Honeydew Seedings	thou	33.50
Onion Seed	unit	266.00
seed cane	ton	36.00
Watermelon Seed, OP	lb	20.00
Watermelon Seedlings	thou	80.00
SERVICE FEE		
Insect Scouting	acre	8.00
TECHNOLOGY FEE		
Bt Cotton Fee	acre	32.00

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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	\$/U of M	\$/U of M	\$/acre
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	8.009		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	8.613		24.66
Drip Pump & motor	acre	2.610	6.680	24.320	13.150	13.15
Drip Trailer System	hour	0.050	1.200	3.950	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

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	8.00
Cantaloupes	crtn	8.00
Carrots	bags	7.25
Corn	bu	6.25
Cotton Lint	lb	0.69
Cotton Seed	ton	250.00
Grain Sorghum	cwt	10.50
Grapefruit (Rio Red)	tons	120.00
Grapefruit for fresh	ton	152.50
Grapefruit for juice	ton	34.29
Honeydews	crtn	8.00
Onions, Yellow	sack	8.00
Peanuts	ton	355.00
Sugar Cane	tons	21.00
Watermelon, Allsweet	cwt	15.00
Watermelon, seedless	cwt	15.00

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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	110.00			
Cash Rent, S. Cane	110.00			
Cash Rent, S. Texas	65.00			
Corn Share Rent		33.00		
Family Living Costs	50.00			
Land Cost, Orchard	120.00			
Overhead Expenses	30.00			
Share Rent %of Gross		33.00		
Share Rent% of Gross		25.00		