

COUNTY: Maricopa FARM: Maricopa Vegetables WATER SOURCE: RWCD TILLAGE: Conventional
 CROP: Watermelons ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-loam
 AREA: Roosevelt WCD YIELD: 15.4 Tn/Acre PREVIOUS CROP: Wheat, Winter DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Melons	Ton	15.44	\$122.6000	\$1,892.94	\$1,892.94	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					319.14	_____
Tractor/Self Propelled				51.92		_____
Hand				195.99		_____
Irrigation				67.97		_____
Other/Contract				3.26		_____
Chemicals & Custom Applications					134.50	_____
Fertilizers				83.49		_____
Insecticides				36.98		_____
Herbicides				14.03		_____
Farm Machinery and Vehicles					47.81	_____
Diesel Fuel				15.09		_____
Gasoline				3.44		_____
Repairs & Maint.				29.28		_____
Irrigation Water (excluding labor)					133.32	_____
Water Assessment (See Note Below) **					**	_____
Other Purchased Inputs & Services					289.24	_____
Seed/Transplants				46.24		_____
Other Services & Rentals				243.00		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					924.01	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					548.78	_____
Tractor/Self Propelled				117.59		_____
Other/Contract				431.19		_____
Farm Machinery and Vehicles					60.23	_____
Diesel Fuel				18.20		_____
Repairs & Maint.				42.03		_____
Custom Harvest/Post Harvest					160.00	_____
Other Materials					453.60	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					1,222.62	_____
OPERATING OVERHEAD->PICKUP USE					13.81	_____
OPERATING INTEREST AT 9.0%					22.02	_____
TOTAL CASH OPERATING EXPENSES					\$2,182.46	=====
RETURNS OVER CASH OPERATING EXPENSES					(\$289.52)	=====

Notes: The above figures do not include ownership costs, see Table 8B on Next Page for detailed cost allocation.
 ** A water assessment charge of \$17.00/Acre is included in the ownership costs of Table 8B.

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Item	- CASH COST BASIS (\$/ACRE) --		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 122.6000/Tn	\$1,892.94		\$1,892.94	
TOTAL OPERATING EXPENSES	2,182.45		2,182.45	
RETURN OVER CASH OPERATING EXPENSES		(\$289.51)		(\$289.51)
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	11.20		11.20	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	109.12		109.12	
General Farm Maint. (3% of Tot. Oper. Exp.)	65.47		65.47	
Total Cash Overhead Expenses	185.79		185.79	
Total Cash Oper. & Over. Cost	2,368.25		2,368.25	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		(475.31)		(475.31)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			66.67	
Interest on Equity, Machinery & Vehicles			15.55	
Total Capital Allocations			82.21	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		(475.31)		
RETURNS TO LAND, MANAGEMENT & RISK				(557.53)
Land Cost / Rent or Lease	200.00		200.00	
Water Assessment **	17.00		17.00	
Total Land Costs	217.00		217.00	
RETURNS TO MANAGEMENT, CAPITAL & RISK		(692.31)		
RETURNS TO MANAGEMENT & RISK				(774.53)
Management Services (8% of Tot. Oper. Exp.)			174.59	
TOTAL OWNERSHIP COST	402.79		659.60	
TOTAL COST	\$2,585.25		\$2,842.06	
RETURN TO MANAGEMENT, CAPITAL & RISK		(\$692.31)		
RETURN TO RISK (PROFITS)				(\$949.12)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Tn)		\$141.35		\$141.35
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$26.08		\$42.72
BREAK-EVEN PRICE TO COVER TOTAL COST		\$167.43		\$184.07

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Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)						
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	Total
DEC P			1.83		19.15	17.96	14.03			51.14
JAN C			1.09		4.57	10.77	35.67	46.24	3.00	100.25
FEB C	3.0	18.0	2.38	37.50	2.18	23.39			75.00	138.07
MAR C	3.0	18.0	2.67	37.50	3.75	26.19			75.00	142.44
APR C	2.0	8.0	12.09	16.66	11.37	118.49	54.02		93.60	294.13
MAY C	3.0	14.0	11.56	29.16	4.55	113.35	23.61		3.60	174.27
JUN C	1.0	6.0	56.66	12.50	60.23	555.32		453.60	160.00	1,241.65
JUL C			0.25		2.24	2.45				4.69
Pickup Use	60 Mi/Ac				13.81					13.81
Operating Interest	at 9.0%								19.13	19.13
Water Assessment				**						
Total	12.0	64.0	88.56	133.32	121.85	867.92	127.33	499.84	429.33	2,179.59
%				6.11	5.59	39.82	5.84	22.93	19.69	100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	202.8 lbs	Diesel Fuel	48.7 Gal
Total P	115.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	8.8 Gal
Total Labor	88.5 Hrs		
Total Water	64.0 AI	All Direct Energy	7.8 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 150 PTO HP, MFWD	1.35 Hrs	V-Ripper, 5 Shnk	0.45 Hrs
Drag Scraper, 14'	0.23 Hrs	Laser Receiver, Mast System	0.23 Hrs
Tractor, 100 PTO HP, MFWD	0.75 Hrs	Lister, 5 Bottom	0.30 Hrs
Tractor, 70 PTO HP, MFWD	1.84 Hrs	Planter, Planet Jr, 4 Row	0.30 Hrs
Fert. Side Dress Unit, 4Row	0.60 Hrs	Rowbuck, 10'	0.23 Hrs
Crew Bus, 44 Passenger	0.40 Hrs	Vegetable Trailer, Custom Bed	10.80 Hrs
		Offset Disk, 13.5'	1.13 Hrs
		Laser Trailer	0.23 Hrs
		Saddle Tk Sprayer, 2 Tk 8 Row	0.30 Hrs
		Tractor, 50 PTO HP, MFWD	11.63 Hrs
		Cultivator, Sweep, 4 Rw	1.54 Hrs
		Pickup Truck, 1/2 Ton	2.00 Hrs

MATERIALS REQUIREMENTS(/Acre)			
Bensulide	3.00 Pt	Watermelon Seed (Hyb)	3.00 Th
Water, District	64.00 AI	46-00-00, Urea 46	220.00 Lb
Esfenvalerate	16.00 Oz	Endosulfan	3.00 Pt
		18-46-00, Dry	250.00 Lb
		32-00-00, URAN 32, Lqd	16.00 Ga
		Watermelon Bins	48.00 Ea

LABOR REQUIREMENTS(/Acre)			
Tractor	17.30 Hrs	Other	0.33 Hrs
Hand Weeders	20.00 Hrs	Cutter	20.00 Hrs
		Irrigators	6.94 Hrs
		Loader/Watermelons	24.00 Hrs

* NOTE: P = Previous Year C = Current Year N = Next Year
 ** A water assessment charge of \$17.00/Acre included as ownership cost in Table 8B.

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No.	Month	First Times	Operation	Equipment/Custom Oper. HP Self-Prop./Implem.	Job Rate Acres/Hr	----- Material Use & Cost ----- Name	----- Appl. Rate	----- \$/Unit	Service Cost \$/Unit	Labor Type
1	Dec	1.0	Rip	150 V-Ripper, 5 Shnk	2.00					Tractor
2	Dec	3.0	Disk	150 Offset Disk, 13.5'	4.00					Tractor
3	Dec	0.5	Laser Level	150 Drag Scraper, 14' Laser Receiver, Mast Sy Laser Trailer	2.00					Tractor
4	Dec	1.0	List	100 Lister, 5 Bottom Saddle Tk Sprayer, 2 Tk	3.00	Bensulide	3.00 Pt	35.62 Ga		Tractor
5	Jan	1.0	Plant	70 Planter, Planet Jr, 4 R	3.00	Watermelon Seed (H	3.00 Th	14.68 Th		Tractor Other
6	Jan	1.0	Soil Fertility	CST Soil Analysis (Surf					3.00 Ac	
7	Jan	1.0	Apply Fert/Ground	50 Fert. Side Dress Unit,	3.00	18-46-00, Dry	250.00 Lb	271.75 Tn		Tractor
8	Feb	5.0	Buck Rows	50 Rowbuck, 10'	20.00					Tractor
9	Feb	8.0	Irrigate		1.50	Water, District	6.00 AI	25.00 AF		Irrigator
10	Feb	5.0	Disk Ends	100 Offset Disk, 13.5'	20.00					Tractor
11	Feb	6.0	Cultivate	70 Cultivator, Sweep, 4 Rw	3.50					Tractor
12	Feb	1.0	Thinning	CST Thinning					75.00 Ac	
13	Mar	2.0	Hand Weeding	CST Hand Weeding					75.00 Ac	
14	Apr	1.0	Apply Fert/Ground	50 Fert. Side Dress Unit,	3.00	46-00-00, Urea 46	220.00 Lb	263.25 Tn		Tractor
15	Apr	1.0	Pollenate	CST Bee Hive Rental					15.00 Ac	
16	Apr	4.0	Turn Fruit	Crew Bus, 44 Passenger	0.20					Hand Weed
17	Apr	4.0	Irrigate/Run Fertiliz		2.50	Water, District	4.00 AI	25.00 AF		Irrigator
						32-00-00, URAN 32,	4.00 Ga	187.50 Tn		
18	Apr	2.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Esfenvalerate	8.00 Oz	119.10 Ga	3.60 Ac	
						Endosulfan	1.50 Pt	35.94 Ga		
19	Jun	3.0	Cut Melons		0.15	Watermelon Bins	16.00 Ea	9.00 Ea		Cutter
20	Jun	3.0	Load Produce	50 Vegetable Trailer, Cust	0.25					Tractor Loader/Wa Loader/Wa
21	Jun	1.0	Haul, Custom	CST Haul Watermelons					10.00 Tn	
22	Jul	1.0	Disk Residue	100 Offset Disk, 13.5'	4.00					Tractor
			Pickup Use 60 Mi/Ac	Pickup Truck, 1/2 Ton	0.50					

* NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.

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