

COUNTY: Yuma	FARM: Yuma Vegetables	WATER SOURCE: YCWUA	TILLAGE: Double Crop
CROP: Lettuce, Leaf	ACRES: 1.0	IRRIGATION SYSTEM: Flood Furrow	SOIL: Sandy-Loam
AREA: Yuma Valley North	YIELD: 465.0 Ct/Acre	PREVIOUS CROP: Mixed Greens	DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Lettuce	Crtn	465.00	\$10.6100	\$4,933.65	\$4,933.65	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					168.94	_____
Tractor/Self Propelled				70.60		_____
Irrigation				95.63		_____
Other/Contract				2.71		_____
Chemicals & Custom Applications					371.65	_____
Fertilizers				102.90		_____
Insecticides				222.00		_____
Herbicides				46.75		_____
Farm Machinery and Vehicles					52.48	_____
Diesel Fuel				18.10		_____
Repairs & Maint.				34.39		_____
Irrigation Water (excluding labor)					0.00	_____
Water Assessment (See Note Below) **					**	_____
Other Purchased Inputs & Services					696.60	_____
Seed/Transplants				621.60		_____
Other Services & Rentals				75.00		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					1,289.67	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Custom Harvest/Post Harvest					1,395.00	_____
Other Materials					512.66	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					1,907.66	_____
OPERATING OVERHEAD->PICKUP USE					9.24	_____
OPERATING INTEREST AT 9.0%					16.87	_____
					=====	=====
TOTAL CASH OPERATING EXPENSES					\$3,223.45	_____
RETURNS OVER CASH OPERATING EXPENSES					\$1,710.20	_____

Notes: The above figures do not include ownership costs, see Table 9B on Next Page for detailed cost allocation.

** A water assessment charge of \$31.00/Acre is included in the ownership costs of Table 9B.

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Item	- CASH COST BASIS (\$/ACRE) -		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 10.6100/Ct	\$4,933.65		\$4,933.65	
TOTAL OPERATING EXPENSES	3,223.44		3,223.44	
RETURN OVER CASH OPERATING EXPENSES		\$1,710.20		\$1,710.20
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	6.56		6.56	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	161.17		161.17	
General Farm Maint. (3% of Tot. Oper. Exp.)	96.70		96.70	
Total Cash Overhead Expenses	264.43		264.43	
Total Cash Oper. & Over. Cost	3,487.87		3,487.87	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		1,445.77		1,445.77
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			37.17	
Interest on Equity, Machinery & Vehicles			15.49	
Total Capital Allocations			52.65	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		1,445.77		
RETURNS TO LAND, MANAGEMENT & RISK				1,393.11
Land Cost / Rent or Lease	375.00		375.00	
Water Assessment **	31.00		31.00	
Total Land Costs	406.00		406.00	
RETURNS TO MANAGEMENT, CAPITAL & RISK		1,039.77		
RETURNS TO MANAGEMENT & RISK				987.11
Management Services (6% of Tot. Oper. Exp.)			193.40	
TOTAL OWNERSHIP COST	670.43		916.49	
TOTAL COST	\$3,893.87		\$4,139.94	
RETURN TO MANAGEMENT, CAPITAL & RISK		\$1,039.77		
RETURN TO RISK (PROFITS)				\$793.70
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Ct)		\$6.93		\$6.93
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$1.44		\$1.97
BREAK-EVEN PRICE TO COVER TOTAL COST		\$8.37		\$8.90

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No.	Month	Operation	Hours * -		Operating Costs (\$/Acre*)				Times	Tot. Cash Expense	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials				Total
1	Aug	Plow	0.900	1.000	7.08	8.11			15.19	1.0	15.19	L
2	Aug	Disk	0.600	0.667	3.61	5.41			9.02	3.0	27.07	L
3	Aug	Landplane	0.225	0.250	2.51	2.03			4.54	2.0	9.09	L
4	Aug	Make Borders	0.180	0.200	0.84	1.62			2.46	1.0	2.46	G
5	Aug	Preirrigate		0.800		5.41			5.41	1.0	5.41	G
6	Aug	Knock Borders	0.180	0.200	0.84	1.62			2.46	1.0	2.46	G
7	Sep	Apply Fert/Ground	0.450	0.500	3.18	4.06	64.20		71.44	1.0	71.44	G
8	Sep	List	0.300	0.333	1.98	2.70			4.68	1.0	4.68	L
9	Sep	Plant	0.360	0.800	4.05	5.96	621.60		631.61	1.0	631.61	L
10	Sep	Apply Herbicide/Ground	0.180	0.200	0.91	1.62	46.75		49.28	1.0	49.28	G
11	Sep	Buck Rows	0.045	0.050	0.17	0.41			0.58	2.0	1.15	G
12	Sep	Irrigate		1.333		9.02			9.02	10.0	90.20	G
13	Sep	Cultivate	0.900	1.000	3.80	8.11			11.91	1.0	11.91	G
14	Sep	Thinning					75.00		75.00	1.0	75.00	G
15	Oct	Apply Insect./Ground	0.180	0.200	0.72	1.62	72.97		75.31	1.0	75.31	G
16	Oct	Apply Fert/Side Dress	0.900	1.000	7.46	8.11	38.70		54.27	1.0	54.27	G
17	Oct	Apply Insect./Ground	0.180	0.200	0.91	1.62	74.51		77.04	2.0	154.08	G
18	Nov	Harvest, Load & 465.0 Ct					1,395.00	512.66	1,907.66	1.0	1,907.66	H
19	Nov	Disk Residue	0.600	0.667	3.61	5.41			9.02	1.0	9.02	L
		Pickup Use 40 Mi/Ac	1.330		9.24						9.24	O
		Operating Interest at 9.00%					16.88				16.88	O
TOTAL CASH OPERATING EXPENSES:					\$61.73	\$168.90	\$1,486.88	\$1,505.90			\$3,223.41	T

* NOTES: Machine and labor hours and operating cost are for one time over the designated acreage. The 'Tot. Cash Expense' column and the 'TOTAL CASH OPERATING EXPENSES:' row include all operations, all times over. Classes are defined below. A water assessment charge of \$31.00/Acre included as ownership cost in Table 9B.

OPERATING COST SUMMARY BY CLASS		SENSITIVITY OF NET REVENUES OVER TOTAL CASH EXPENSES (\$/Acre)						
		Prices ->		-25%	-10%	Budgeted	+10%	+25%
Land Preparation (L)	\$696.66							
Growing (G)	592.96							
Harvest (H)	1,907.66	Yields		\$7.95	\$9.54	\$10.61	\$11.67	\$13.26
Post Harvest (P)	0.00							Break-even
Marketing (M)	0.00	-25%	348.7	28.68	583.72	953.74	1,323.76	1,878.80
Operating Overhead (O)	26.12	-10%	418.5	297.57	963.61	1,407.64	1,851.67	2,517.71
		Budgeted	465.0	476.82	1,216.87	1,710.24	2,203.60	2,943.65
Total (T)	\$3,223.40	+10%	511.5	656.08	1,470.13	2,012.84	2,555.54	3,369.59
		+25%	581.2	924.97	1,850.03	2,466.73	3,083.44	4,008.50
		Break-even Yield		341.30	241.57	202.18	173.84	143.64

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Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)						Total
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	
AUG C	1.0	6.0	4.70		24.62	37.07				61.69
SEP C	3.0	12.0	6.93		14.26	50.33	110.95	621.60	75.00	872.14
OCT C	4.0	16.0	6.93		9.99	49.07	260.69			319.75
NOV C	3.0	12.0	4.66		3.61	32.48		512.66	1,395.00	1,943.75
Pickup Use 40 Mi/Ac					9.24					9.24
Operating Interest at 9.0%									16.87	16.87
Water Assessment				**						
Total	11.0	46.0	23.23		61.73	168.94	371.64	1,134.26	1,486.87	3,223.44
%					1.91	5.24	11.53	35.18	46.12	100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	209.8 lbs	Diesel Fuel	25.8 Gal
Total P	207.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	4.0 Gal
Total Labor	23.2 Hrs		
Total Water	46.0 AI	All Direct Energy	4.0 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 70 PTO HP, MFWD	4.32 Hrs	Moldboard Plow, 3-16 2 Way	0.90 Hrs Offset Disk, 8' 2.40 Hrs
Tractor, 150 PTO HP, MFWD	0.45 Hrs	Landplane 12'X 45'	0.45 Hrs Border Disk, 6' Disk 0.36 Hrs
Tractor, 50 PTO HP, MFWD	3.06 Hrs	Fert. Side Dress Unit, 4Row	1.35 Hrs Lister, 5 Bottom 0.30 Hrs
Planter, Stanhay, 4 Row	0.36 Hrs	Bed Shaper, 4 Rw	0.36 Hrs Saddle Tk Sprayer, 2 Tk 8 Row 0.54 Hrs
Rowbuck, 10'	0.09 Hrs	Cultivator, Sweep, 3 Rw	1.80 Hrs Manual Spray Rig, 150 g on ski 0.18 Hrs
Pickup Truck, 1/2 Ton	1.33 Hrs		

MATERIALS REQUIREMENTS(/Acre)			
Water, District	46.00 AI	18-46-00, Dry	450.00 Lb Leaf Lettuce Sd (coated) 800.00 Th
Bensulide	10.00 Pt	Imidacloprid	48.00 Oz Diazinon 1.00 Pt
46-00-00, Urea 46	280.00 Lb	Methomyl	2.00 Pt Boxes for Leaf Lettuce 465.00 Ct

LABOR REQUIREMENTS(/Acre)			
Tractor	8.70 Hrs	Irrigators	14.13 Hrs Other 0.40 Hrs

* NOTE: P = Previous Year C = Current Year N = Next Year

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No.	First Month	Times	Operation	Equipment/Custom Oper.		Job Rate Acres/Hr	Material Use & Cost			Service Cost \$/Unit	Labor Type
				HP	Self-Prop./Implem.		Name	Appl. Rate	\$/Unit		
1	Aug	1.0	Plow	70	Moldboard Plow, 3-16 2	1.00					Tractor
2	Aug	3.0	Disk	70	Offset Disk, 8'	1.50					Tractor
3	Aug	2.0	Landplane	150	Landplane 12'X 45'	4.00					Tractor
4	Aug	1.0	Make Borders	70	Border Disk, 6' Disk	5.00					Tractor
5	Aug	1.0	Preirrigate			1.25	Water, District	6.00 AI	0.00 AF		Irrigator
6	Aug	1.0	Knock Borders	70	Border Disk, 6' Disk	5.00					Tractor
7	Sep	1.0	Apply Fert/Ground	50	Fert. Side Dress Unit,	2.00	18-46-00, Dry	450.00 Lb	271.75 Tn		Tractor
8	Sep	1.0	List	70	Lister, 5 Bottom	3.00					Tractor
9	Sep	1.0	Plant	70	Planter, Stanhay, 4 Row Bed Shaper, 4 Rw	2.50	Leaf Lettuce Sd (c	800.00 Th	0.74 Th		Tractor Other
10	Sep	1.0	Apply Herbicide/Groun	50	Saddle Tk Sprayer, 2 Tk	5.00	Bensulide	10.00 Pt	35.62 Ga		Tractor
11	Sep	2.0	Buck Rows	50	Rowbuck, 10'	20.00					Tractor
12	Sep	10.0	Irrigate			0.75	Water, District	4.00 AI	0.00 AF		Irrigator
13	Sep	1.0	Cultivate	50	Cultivator, Sweep, 3 Rw	1.00					Tractor
14	Sep	1.0	Thinning		CST Thinning					75.00 Ac	
15	Oct	1.0	Apply Insect./Ground	50	Manual Spray Rig, 150 g	5.00	Imidacloprid	16.00 Oz	525.00 Ga		Tractor
							Diazinon	1.00 Pt	30.95 Ga		
16	Oct	1.0	Apply Fert/Side Dress	50	Cultivator, Sweep, 3 Rw Fert. Side Dress Unit,	1.00	46-00-00, Urea 46	280.00 Lb	263.25 Tn		Tractor
17	Oct	2.0	Apply Insect./Ground	50	Saddle Tk Sprayer, 2 Tk	5.00	Imidacloprid	16.00 Oz	525.00 Ga		Tractor
							Methomyl	1.00 Pt	42.68 Ga		
18	Nov	1.0	Harvest, Load & Haul		CST Harvest Leaf Lettuc		Boxes for Leaf Let	465.00 Ct	1.05 Ct	3.00 Ct	
19	Nov	1.0	Disk Residue	70	Offset Disk, 8'	1.50					Tractor
			Pickup Use	40 Mi/Ac	Pickup Truck, 1/2 Ton	0.75					

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

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