

COUNTY: Yuma FARM: Yuma Vegetables WATER SOURCE: YCWUA TILLAGE: Double Crop
 CROP: Broccoli ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Yuma Valley North YIELD: 452.0 Ct/Acre PREVIOUS CROP: Wheat, Winter DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Broccoli	Crtn	452.00	\$5.2200	\$2,359.44	\$2,359.44	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					108.16	_____
Tractor/Self Propelled				34.98		_____
Irrigation				26.51		_____
Other/Contract				46.67		_____
Chemicals & Custom Applications					238.88	_____
Fertilizers				134.61		_____
Insecticides				16.35		_____
Herbicides				7.95		_____
Other Chemicals				79.97		_____
Farm Machinery and Vehicles					55.27	_____
Diesel Fuel				12.73		_____
Gasoline				10.51		_____
Repairs & Maint.				32.03		_____
Irrigation Water (excluding labor)					0.00	_____
Water Assessment (See Note Below) **					**	_____
Other Purchased Inputs & Services					377.30	_____
Seed/Transplants				290.30		_____
Other Services & Rentals				87.00		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					779.61	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					3.65	_____
Tractor/Self Propelled				3.65		_____
Farm Machinery and Vehicles					3.30	_____
Diesel Fuel				1.34		_____
Repairs & Maint.				1.96		_____
Custom Harvest/Post Harvest					1,243.00	_____
Other Materials					389.17	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					1,639.12	_____
OPERATING OVERHEAD->PICKUP USE					11.56	_____
OPERATING INTEREST AT 9.0%					11.19	_____
TOTAL CASH OPERATING EXPENSES					\$2,441.47	_____
RETURNS OVER CASH OPERATING EXPENSES					(\$82.03)	_____

Notes: The above figures do not include ownership costs, see Table 6B on Next Page for detailed cost allocation.

** A water assessment charge of \$31.00/Acre is included in the ownership costs of Table 6B.

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Item	- CASH COST BASIS (\$/ACRE) -		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 5.2200/Ct	\$2,359.44		\$2,359.44	
TOTAL OPERATING EXPENSES	2,441.47		2,441.47	
RETURN OVER CASH OPERATING EXPENSES		(\$82.03)		(\$82.03)
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	7.14		7.14	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	122.07		122.07	
General Farm Maint. (3% of Tot. Oper. Exp.)	73.24		73.24	
Total Cash Overhead Expenses	202.45		202.45	
Total Cash Oper. & Over. Cost	2,643.92		2,643.92	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		(284.48)		(284.48)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			33.52	
Interest on Equity, Machinery & Vehicles			10.75	
Total Capital Allocations			44.26	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		(284.48)		
RETURNS TO LAND, MANAGEMENT & RISK				(328.75)
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		(690.48)		
RETURNS TO MANAGEMENT & RISK				(734.75)
Management Services (6% of Tot. Oper. Exp.)			146.48	
TOTAL OWNERSHIP COST	608.45		799.21	
TOTAL COST	\$3,049.92		\$3,240.68	
RETURN TO MANAGEMENT, CAPITAL & RISK		(\$690.48)		
RETURN TO RISK (PROFITS)				(\$881.24)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Ct)		\$5.40		\$5.40
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$1.34		\$1.76
BREAK-EVEN PRICE TO COVER TOTAL COST		\$6.74		\$7.16

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No.	First Month	Operation	Hours * -		Operating Costs (\$/Acre*)					Tot. Cash Expense	Class		
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total			Times	
1	Jun	Disk	0.150	0.167	2.01	1.36			3.37	3.0	10.10	L	
2	Jun	Rip	0.300	0.333	3.44	2.70			6.14	1.0	6.14	L	
3	Jun	Make Borders	0.022	0.025	0.09	0.20			0.29	3.0	0.88	G	
4	Jul	Preirrigate		0.690		4.67			4.67	1.0	4.67	G	
5	Jul	Dust Control	0.009	0.010	0.15	0.15			0.30	130.0	38.87	G	
6	Aug	Knock Borders	0.022	0.025	0.09	0.20			0.29	3.0	0.88	G	
7	Aug	Laser Level	0.450	0.500	7.10	4.06			11.16	1.0	11.16	L	
8	Aug	Soil Fertility						12.00	12.00	1.0	12.00	G	
9	Aug	Apply Fert/Ground	0.113	0.125	1.31	1.01		63.99	66.31	1.0	66.31	G	
10	Aug	Apply Herbicide/Ground	0.075	0.083	0.43	0.67		7.95	9.05	1.0	9.05	G	
11	Aug	List	0.150	0.167	1.28	1.36			2.64	1.0	2.64	L	
12	Sep	Plant	0.409	0.455	3.16	3.69		290.30	297.15	1.0	297.15	L	
13	Sep	Shovel Ends		2.000		13.54			13.54	2.0	27.08	G	
14	Sep	Apply Insect./Ground	0.015	0.017	0.15	0.14		3.19	3.48	1.0	3.48	G	
15	Sep	Thinning						75.00	75.00	1.0	75.00	G	
16	Sep	Cultivate	0.400	0.444	2.29	3.60			5.89	1.0	5.89	G	
17	Sep	Spike Furrows	0.346	0.385	1.61	3.12			4.73	2.0	9.45	G	
18	Sep	Apply Insect./Ground	0.015	0.017	0.15	0.14		6.58	6.87	2.0	13.73	G	
19	Sep	Apply Fert/Ground	0.327	0.364	2.54	2.95		37.96	43.45	1.0	43.45	G	
20	Sep	Irrigate		0.461		3.12			3.12	5.0	15.60	G	
21	Oct	Irrigate/Run Fertilizer		0.461		3.12		16.33	19.45	2.0	38.90	G	
22	Oct	Apply Fungicide/Ground	0.015	0.017	0.15	0.14		39.99	40.28	2.0	80.55	G	
23	Nov	Prepare Ends	0.022	0.025	0.14	0.20			0.34	2.0	0.67	H	
24	Nov	Harvest 452.0 Ct						1,243.00	389.17	1,632.17	1.0	1,632.17	H
25	Nov	Cut Stalks	0.180	0.200	1.51	1.62			3.13	2.0	6.27	P	
26	Nov	Disk Residue	0.150	0.167	1.91	1.36			3.27	2.0	6.55	L	
		Pickup Use 50 Mi/Ac	1.670		11.55						11.55	O	
		Operating Interest at 9.00%						11.18			11.18	O	
TOTAL CASH OPERATING EXPENSES:					\$70.12	\$111.71	\$1,341.18	\$918.36			\$2,441.37	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 6B.

OPERATING COST SUMMARY BY CLASS		SENSITIVITY OF NET REVENUES OVER TOTAL CASH EXPENSES (\$/Acre)							
		Prices ->		-25%	-10%	Budgeted	+10%	+25%	
Land Preparation (L)	\$333.72								
Growing (G)	445.80								
Harvest (H)	1,632.84	Yields		\$3.91	\$4.69	\$5.22	\$5.74	\$6.52	Break-even
Post Harvest (P)	6.26								
Marketing (M)	0.00		-25%	339.0	-704.40	-438.96	-262.01	-85.05	180.38
Operating Overhead (O)	22.73		-10%	406.8	-684.83	-366.31	-153.96	58.38	376.91
			Budgeted	452.0	-671.78	-317.87	-81.92	154.01	507.93
Total (T)	\$2,441.36		+10%	497.2	-658.73	-269.43	-9.89	249.64	638.95
			+25%	565.0	-639.16	-196.77	98.15	393.08	835.48
			Break-even Yield		2,779.26	748.61	503.40	379.20	276.76

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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	
JUN C			0.69		7.55	5.61					13.16
JUL C	1.0	4.0	0.79		1.49	6.18					7.67
AUG C			1.36		16.68	13.18	71.94		12.00		113.81
SEP C	1.0	6.0	4.54		14.73	35.64	47.73	290.30	75.00		463.40
OCT C	3.0	18.0	2.11		6.52	17.42	102.88				126.82
NOV C	3.0	18.0	4.46		11.59	33.78	16.33	389.17	1,243.00		1,693.88
Pickup Use 50 Mi/Ac					11.55						11.55
Operating Interest at 9.0%									11.19		11.19
Water Assessment				**							
Total	8.0	46.0	13.97		70.12	111.82	238.88	679.48	1,341.19		2,441.48
%					2.87	4.57	9.78	27.83	54.93		100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	253.6 lbs	Diesel Fuel	20.0 Gal
Total P	228.8 lbs	Regular Gas	0.3 Gal
Total K	0.0 lbs	NonLead Gas	13.1 Gal
Total Labor	13.9 Hrs	All Direct Energy	4.4 M BTU
Total Water	46.0 AI		

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 125 PTO HP, MFWD	0.75 Hrs	Offset Disk, 18'	0.45 Hrs
Subsoiler, Heavy Duty, 7 Shnk	0.30 Hrs	Tractor, 60 PTO HP, MFWD	2.19 Hrs
Truck, 5 Ton w/1000 Gal Tank	1.17 Hrs	Tractor, 175 PTO HP	0.45 Hrs
Laser Receiver, Mast System	0.45 Hrs	Laser Trailer	0.45 Hrs
Lister, 7 Bottom	0.11 Hrs	Saddle Tk Sprayer, 2 Tk 8 Row	0.08 Hrs
Lister, 5 Bottom	0.15 Hrs	Planter, Stanhay, 2 Row	0.41 Hrs
Cultivator, Sweep, 4 Rw	0.40 Hrs	Furrow Spike, 4 Rw	0.69 Hrs
Offset Disk, 10.5'	0.04 Hrs	Rotary Stalk Cutter, 4 Row	0.36 Hrs
Pickup Truck, 1/2 Ton	1.67 Hrs		
		Tractor, 150 PTO HP, MFWD	0.30 Hrs
		Border Disk, 6' Disk	0.13 Hrs
		Drag Scraper, 14'	0.45 Hrs
		Fertilizer Spreader, 18'	0.11 Hrs
		Tractor, 100 PTO HP, MFWD	0.51 Hrs
		High Clearance Sprayer, 18 Rw	0.08 Hrs
		Fert. Side Dress Unit, 4Row	0.33 Hrs
		Offset Disk, 16.5'	0.30 Hrs

MATERIALS REQUIREMENTS(/Acre)			
Water, District	46.00 AI	11-52-00, Dry	440.00 Lb
Broccoli Seed (Hybrid)	144.00 Th	Ethyl Parathion	1.67 Pt
33-00-00, Amm. Nitrate, Dry	300.00 Lb	32-00-00, URAN 32, Lqd	30.00 Ga
Broccoli Boxes	452.00 Ct	DCPA	1.50 Lb
		Methomyl	1.50 Pt
		Metalaxyl	4.00 Pt

LABOR REQUIREMENTS(/Acre)			
Tractor	4.76 Hrs	Irrigators	3.92 Hrs
Other	4.00 Hrs	Truck Driver	1.30 Hrs

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

** A water assessment charge of \$31.00/Acre included as ownership cost in Table 6B.

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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	Jun	3.0	Disk	125	Offset Disk, 18'	6.00					Tractor
2	Jun	1.0	Rip	150	Subsoiler, Heavy Duty,	3.00					Tractor
3	Jun	3.0	Make Borders	60	Border Disk, 6' Disk	40.00					Tractor
4	Jul	1.0	Preirrigate			1.45	Water, District	4.00 AI	0.00 AF		Irrigator
5	Jul	130.0	Dust Control		Truck, 5 Ton w/1000 Gal	100.00					Truck Dri
6	Aug	3.0	Knock Borders	60	Border Disk, 6' Disk	40.00					Tractor
7	Aug	1.0	Laser Level	175	Drag Scraper, 14' Laser Receiver, Mast Sy Laser Trailer	2.00					Tractor
8	Aug	1.0	Soil Fertility		CST Soil Analysis (Surf					12.00 Ac	
9	Aug	1.0	Apply Fert/Ground	60	Fertilizer Spreader, 18 Lister, 7 Bottom	8.00	11-52-00, Dry	440.00 Lb	277.00 Tn		Tractor
10	Aug	1.0	Apply Herbicide/Groun	60	Saddle Tk Sprayer, 2 Tk	12.00	DCPA	1.50 Lb	5.05 Lb		Tractor
11	Aug	1.0	List	100	Lister, 5 Bottom	6.00					Tractor
12	Sep	1.0	Plant	60	Planter, Stanhay, 2 Row	2.20	Broccoli Seed (Hyb	144.00 Th	1.92 Th		Tractor
13	Sep	2.0	Shovel Ends			0.50					Other
14	Sep	1.0	Apply Insect./Ground		High Clearance Sprayer,	60.00	Ethyl Parathion	0.67 Pt	36.24 Ga		Tractor
15	Sep	1.0	Thinning		CST Thinning					75.00 Ac	
16	Sep	1.0	Cultivate	60	Cultivator, Sweep, 4 Rw	2.25					Tractor
17	Sep	2.0	Spike Furrows	60	Furrow Spike, 4 Rw	2.60					Tractor
18	Sep	2.0	Apply Insect./Ground		High Clearance Sprayer,	60.00	Methomyl	0.75 Pt	42.68 Ga		Tractor
							Ethyl Parathion	0.50 Pt	36.24 Ga		
19	Sep	1.0	Apply Fert/Ground	60	Fert. Side Dress Unit,	2.75	33-00-00, Amm. Nit	300.00 Lb	241.00 Tn		Tractor
20	Sep	5.0	Irrigate			2.17	Water, District	6.00 AI	0.00 AF		Irrigator
21	Oct	2.0	Irrigate/Run Fertiliz			2.17	Water, District	6.00 AI	0.00 AF		Irrigator
							32-00-00, URAN 32,	15.00 Ga	187.50 Tn		
22	Oct	2.0	Apply Fungicide/Groun		High Clearance Sprayer,	60.00	Metalaxyl	2.00 Pt	152.33 Ga		Tractor
23	Nov	2.0	Prepare Ends	60	Offset Disk, 10.5'	40.00					Tractor
24	Nov	1.0	Harvest		CST Harv/Load/Haul Broc		Broccoli Boxes	452.00 Ct	0.82 Ct	2.75 Ct	
25	Nov	2.0	Cut Stalks	100	Rotary Stalk Cutter, 4	5.00					Tractor
26	Nov	2.0	Disk Residue	125	Offset Disk, 16.5'	6.00					Tractor
			Pickup Use 50 Mi/Ac		Pickup Truck, 1/2 Ton	0.60					

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