COUNTY: Maricopa FARM: Maricopa Veg 98 WATER SOURCE: Salt River Project TILLAGE: Double Crop CROP: Lettuce, Leaf ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam AREA: Salt River Project YIELD: 333.0 Ct / Acre PREVIOUS CROP: Mixed Greens DATE: 12/10/98

ltem	Unit	Quantity	Price/ Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME Lettuce	Crtn	333.00	\$17.29	\$5,757.57	\$5,757.57	
CASH LAND PREPARATION AND ( Paid Labor (including benefits)  Tractor/Self Propelled  Irrigation	GROWING EXPENSES (in	cluding sales tax)		86.03 137.78	223.81	
Chemicals and Custom Application Fertilizer Insecticide Herbicide	ons			103.48 94.63 50.39	248.50	
Farm Machinery and Vehicles Diesel Fuel Repairs and Maintenance				20.23 40.18	60.41	
Irrigation Water (excluding labor) Water Assessment (See Note Be					18.33	<del></del>
Other Purchased Inputs & Seed/Transplants Other Services and Rentals				304.56 75.00	379.56	
	TOTAL CASH LAND PRE	PARATION AND GROW	ING EXPENSES		930.61	<del></del>
CASH HARVEST AND POST HARV	EST EXPENSES					
Custom Harvest/Post Harvest Other Materials					999.00 316.93	
	TOTAL HARVEST AND P	OST HARVEST EXPEN	SE		1315.93	<del></del>
OPERATING OVERHEAD PICKU OPERATING INTEREST AT 10.0%	JP USE				12.74 13.74	
	TOTAL CASH OPERATIN	IG EXPENSES			\$2,273.03	
	RETURNS OVER CASH	HOPERATING EXPENS	ES		\$3,484.54	

Notes: The above figures do not include ownership costs, see table B for detailed cost allocation.

<sup>\*\*</sup> A water assessment charge of \$10.00 per Acre is included as an ownership cost in Table B.

COUNTY:Maricopa FARM: Maricopa Veg 98 WATER SOURCE: Salt River Project TILLAGE: Double Crop CROP: Lettuce, Leaf ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam AREA: Salt River Project YIELD: 333.0 Ct / Acre PREVIOUS CROP: Mixed Greens DATE: 12/10/98

	CASH COST BASI	S (\$/ACRE)	TOTAL COST BASIS (\$/ACRE)				
ltem	Income and Costs	Net Returns	· · ·	t Returns			
TOTAL INCOME at \$17.29 / Ct TOTAL OPERATING EXPENSES RETURN OVER CASH OPERATING EXPENSES	\$5,757.57 \$2,273.03	\$3,484.54	\$5,757.57 \$2,273.03 \$3,	484.54			
CASH OVERHEAD EXPENSES Taxes, Housing and Insurance, Farm Machinery General and Office Overhead (5.0% of Total Operating Exp.) General Farm Maintenance (3.0% of Total Operating Exp.)	7.58 113.65 68.19		7.58 113.65 68.19				
Total Cash Overhead Expenses	189.42		189.42				
Total Cash Operating and Overhead Cost RETURNS OVER CASH OPER. AND OVER. EXPENSES	2,462.45	\$3,295.12	2,462.45	295.12			
CAPITAL ALLOCATIONS (100% Equity) Capital Replacement, Machinery and Vehicles Interest on Equity, Machinery and Vehicles			43.78 18.32				
Total Capital Allocations  RETURNS TO LAND, CAPITAL, MANAGEMENT AND RISK  RETURNS TO LAND, MANAGEMENT AND RISK	>	\$3,295.12	62.10	233.02			
Land Cost / Ownership (100% Equity) Property Taxes (\$619.00 X 16.0% X 0.141) Opportunity Interest on Land (100% X 6.0 X \$619.00) Water Assessment	6.99 10.00		6.99 18.57 10.00				
Total Land Costs  RETURNS TO CAPITAL, MANAGEMENT AND RISK  RETURNS TO MANAGEMENT AND RISK	16.99 >	\$3,278.13	35.56 > \$3,	197.46			
Management Services ( 8% of Total Operation Expenses)			181.84				
TOTAL OWNERSHIP COST	206.41		468.92				
TOTAL COST  RETURNS TO CAPITAL, MANAGEMENT AND RISK  RETURNS TO RISK (PROFITS)	\$2,479.44 >	\$3,278.13	\$2,741.95 > \$3,	015.62			
BREAK-EVEN PRICE TO COVER OPERATING COST ( PER Lb ) BREAK-EVEN PRICE TO COVER OWNERSHIP COST BREAK-EVEN PRICE TO COVER TOTAL COST		\$6.83 \$0.62 \$7.45		\$6.83 \$1.41 \$8.23			

COUNTY:Maricopa FARM: Maricopa Veg 98 WATER SOURCE: Salt River Project TILLAGE: Double Crop CROP: Lettuce, Leaf ACRES: IRRIGATION SYSTEM: Flood Furrow 1.0 SOIL: Sandy-Loam AREA: Salt River Project YIELD: 333.0 Ct / Acre PREVIOUS CROP: Mixed Greens DATE: 12/10/98

	First		Hours *						Tot. Cash			
No.	Month	Operation	Machine	Labor	Fuel/Rps.		ust/Serv.		Total	Times	Expense	Class
1	Aug	Plow	0.900	1.000	7.54	9.75			17.29	1.0	17.29	L
2	Aug	Disk	0.600	0.667	4.91	6.50			11.41	3.0	34.22	L
3	Sep	Laser Level	0.450	0.500	4.50	4.87			9.37	1.0	9.37	L
4	Sep	Make Borders	0.180	0.200	0.51	1.95			2.46	1.0	2.46	G
5	Sep	Preirrigate		0.800		7.80			7.80	1.0	7.80	G
6	Sep	Knock Borders	0.180	0.200	0.51	1.95			2.46	1.0	2.46	G
7	Sep	Apply Fert/Ground	0.450	0.500	3.73	4.87		65.43	74.04	1.0	74.04	G
8	Sep	List	0.300	0.333	2.08	3.25			5.33	1.0	5.33	L
9	Sep	Shape Beds	0.180	0.200	1.36	1.95		78.22	81.53	1.0	81.53	L
10	Sep	Plant	0.360	0.400	4.34	3.90		304.56	312.80	1.0	312.80	L
11	Sep	Apply Herbicide/Ground	0.180	0.200	0.96	1.95		50.39	53.30	1.0	53.30	G
12	Sep	Make Ditches	0.023	0.025	0.32	0.24			0.57	1.0	0.57	G
13	Sep	Irrigate		1.333		13.00		1.83	14.83	10.0	148.31	G
14	Sep	Cultivate	0.900	1.000	4.75	9.75			14.50	1.0	14.50	G
15	Sep	Thinning					75.00		75.00	1.0	75.00	G
16	Oct	Apply Insect./Ground	0.180	0.200	0.83	1.95		3.44	6.22	1.0	6.22	G
17	Oct	Apply Fert/Side Dress	0.900	1.000	9.07	9.75		38.05	56.86	1.0	56.86	G
18	Oct	Apply Insect./Ground	0.180	0.200	0.96	1.95		6.48	9.40	2.0	18.79	G
19	Nov	Harvest, Load & Haul 333					999.00	316.93	1315.93	1.0	1315.93	Н
20	Nov	Disk Residue 333 Ct	0.600	0.667	4.42	6.50			10.92	1.0	10.92	L
		Pickup Use50 Mi/Acre	1.667		12.74						12.74	
		Operating Interest at 10.0					13.74				13.74	
TOT	AL CASH	OPERATING EXPENSES	(includes a	ا II times over	): 73.73	223.23	1087.74	888.33			2273.03	Т

\*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 \$10.00 per Acre is included as an ownership cost in Table B.

OPERATING COST SUMMARY BY	CLASS
Land Preparation (L)	471.46
Growing (G)	459.16
Harvest (H)	1,315.93
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	26.48
T ( ) (T)	
Total (T)	\$2,273.03

CENICITIV/ITV OF	THE NET DEVENIUE	OVED TOTAL	CVCH EADENIGES	(¢/ACDE)
DENOTIVITY OF	THE NET REVENUES	OVERIOIAL	CASH EVEENSES	(3/ACKE)
				( , ,

Prices		- 25%	- 10%	Budgeted	+ 10%	+ 25%	
Yields		\$12.97	\$15.56	\$17.29	\$19.02	\$21.61	Break-even Price
- 25%	249.8	1,293.40	1,941.13	2,372.95	2,804.77	3,452.49	7.79
- 10%	299.7	1,743.74	2,521.01	3,039.19	3,557.38	4,334.65	7.15
Budgeted	333.0	2,043.96	2,907.60	3,483.36	4,059.11	4,922.75	6.83
+ 10%	366.3	2,344.19	3,294.19	3,927.52	4,560.85	5,510.85	6.57
+ 25%	416.3	2,794.53	3,874.07	4,593.77	5,313.46	6,393.01	6.25
Break-even \	/ield	106.29	82.54	71.84	63.60	54.26	

COUNTY:Maricopa FARM: Maricopa Veg 98 WATER SOURCE: Salt River Project TILLAGE: Double Crop CROP: Lettuce, Leaf ACRES: IRRIGATION SYSTEM: Flood Furrow 1.0 Sandy-Loam SOIL: AREA: Salt River Project YIELD: 333.0 Ct / Acre PREVIOUS CROP: Mixed Greens DATE: 12/10/98

		Water								
Month *	Number Irrigations	Applied (inches)	Total Labor (Hrs)	Purchased Water	Fuel, Oil and Repairs	Labor	Chemicals	Other Purchases	Services	Total
AUG C SEP C OCT C	4.0 4.0	18.0 16.0	2.33 9.02 6.93	8.33	12.21 33.75 10.71	16.25 141.06 46.42	194.04 54.46	304.56	75.00	28.46 748.41 119.92
NOV C Pickup Use5 Operating Int	3.0 0 Mi/Acre	12.0	4.67	10.00	4.32 12.74	19.50	04.40	316.93	999.00 13.74	1349.75 12.74 13.74
Water Asses				**					10.74	10.74
Total %	11.0	46.0	22.96	18.33 0.81	73.73 3.24	223.23 9.82	248.50 10.93	621.49 27.34	1087.74 47.85	2273.03 100.00
TOTAL RESO Total N Total P Total K Total Labo Total Wate	r	UIREMENT 209.8 207.0 0.0 23.0 46.0	S ( per Acre)	TOTAL ENER Diesel Fu Unleaded All Direct	Gas	ENTS ( per A 25.1 Gal 5.0 Gal 4.1 M E	,   			
Tractor, 2	er, 4 Rw per, 10' ottom	0. 0. 0. 1.	Acre) 18 Hr 45 Hr 30 Hr 02 Hr 67 Hr 36 Hr 45 Hr	Border Disk, 6' Disk Fert. Side Dress Ur Manual Spray Rig, Offset Disk, 10.5' Planter, Stanhay, 4 Tractor, 50 PTO H	nit, 1.3 150 g 0.7 0.6 Row 0.3	36 Hr 35 Hr 18 Hr 60 Hr 36 Hr 97 Hr	Laser, Co Moldboard Offset Dis Saddle Tk	, Sweep, 4 Rw mplete System d Plow, 3-16 2 k, 12' : Sprayer, 2 Tk 8 '0 PTO HP,	1.80 Hr 0.45 Hr 0.90 Hr 1.80 Hr 0.72 Hr 4.14 Hr	
		450. 333.	cre) 00 Lb 00 Ct 00 Th	46-00-00, Urea 46 Diazinon Methomyl	1.0	00 Lb 00 Pt 00 Pt	Bensulide Imidaclopi Water, Dis	rid	10.00 Pt 16.00 Oz 46.00 Al	
LABOR REQ Irrigators	,	14.	13 Hr	Tractor	8.8	33 Hr				

<sup>\*</sup>NOTE: P = Previous Year C = Current Year N = Next Year

<sup>\*\*</sup> A water assessment charge of \$10.00 per Acre is included as an ownership cost in Table B.

COUNTY:Maricopa FARM: Maricopa Veg 98 WATER SOURCE: Salt River Project TILLAGE: Double Crop CROP: Lettuce, Leaf ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow Sandy-Loam SOIL: AREA: Salt River Project YIELD: 333.0 Ct / Acre PREVIOUS CROP: Mixed Greens DATE: 12/10/98

No	First .Month 1	Times	Operation	Equipment/ Custom Oper HP Self-Prop./ Implement	Job Rate Acres/Hr				te \$ / Un		Service Cost \$ / Unit	Labor Type
-110			Фрогалог	The Controps implement	7101007111	rumo	, (pp.		ιο ψ <i>7</i> ο	<u> </u>	ψ / O	.,,,,,
1	Aug	1.0	Plow	70 Moldboard Plow, 3-16 2	1.00							Tractor
2	Aug	3.0	Disk	70 Offset Disk, 12'	1.50							Tractor
3	Sep	1.0	Laser Level	125 Drag Scraper, 10' Laser, Complete System	2.00							Tractor
4	Sep	1.0	Make Borders	25 Border Disk, 6' Disk	5.00							Tractor
5	Sep	1.0	Preirrigate		1.25	Water, District	6.00	ΑI	0.00	AF		Irrigators
6	Sep	1.0	Knock Borders	25 Border Disk, 6' Disk	5.00							Tractor
7	Sep	1.0	Apply Fert/Ground	50 Fert. Side Dress Unit, 4Row	2.00	18-46-00, Dry	450.00	Lb	275.00	Tn		Tractor
8	Sep	1.0	List	70 Lister, 5 Bottom	3.00	-						Tractor
9	Sep	1.0	Shape Beds	70 Bed Shaper, 4 Rw Saddle Tk Sprayer, 2 Tk 8 Row	5.00	Imidacloprid	16.00	Oz	591.67	Ga		Tractor
10	Sep	1.0	Plant	70 Planter, Stanhay, 4 Row	2.50	Leaf Lettuce Sd	800.00	Th	0.36	Th		Tractor
11	Sep	1.0	Apply Herbicide/Ground	50 Saddle Tk Sprayer, 2 Tk 8	5.00	Bensulide	10.00	Pt	38.12	Ga		Tractor
12	Sep	1.0	Make Ditches	Motor Grader, 12'	40.00							Tractor
13	Sep	10.0	Irrigate		0.75	Water, District	4.00	Αl	5.50	ΑF		Irrigators
14	Sep	1.0	Cultivate	50 Cultivator, Sweep, 4 Rw	1.00							Tractor
15	Sep	1.0	Thinning	CST Thinning							75.00 Ac	
16	Oct	1.0	Apply Insect./Ground	50 Manual Spray Rig, 150 g on	5.00	Diazinon	1.00	Pt	26.06	Ga		Tractor
17	Oct	1.0	Apply Fert/Side Dress	50 Cultivator, Sweep, 4 Rw Fert. Side Dress Unit, 4Row	1.00	46-00-00, Urea 46	280.00	Lb	257.00	Tn		Tractor
18	Oct	2.0	Apply Insect./Ground	50 Saddle Tk Sprayer, 2 Tk 8	5.00	Methomyl	1.00	Pt	49.05	Ga		Tractor
19	Nov	1.0	Harvest, Load & Haul	CST Harvest Leaf Lettuce		Boxes for Leaf Lettuce	333.00	Ct	0.90	Ct	3.00 Ct	
20	Nov	1.0	Disk Residue Pickup use 50 Mi/Ac	70 Offset Disk, 10.5' Pickup Truck, 1/2 Ton	1.50 0.60							Tractor

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