

Table 6A. Income and Cash Operating Summary; Durum Wheat (Double Crop), 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Double Cropped
 CROP: Wheat, Durum ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 5,300.0 Lb / Acre PREVIOUS CROP: Cotton, Upland DATE: 2/22/99

Item	Unit	Quantity	Price/ Unit	Budgeted /Acre	Total /Acre	Your Farm Budget	
INCOME	Grain	Pound	5,300.00	\$0.08	\$397.50	\$397.50	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)							
Paid Labor (including benefits)							
	Tractor/Self Propelled			10.81	46.15	_____	
	Irrigation			35.35		_____	
Chemicals and Custom Applications							
	Fertilizer			55.17	83.77	_____	
	Insecticide			7.93		_____	
	Herbicide			20.68		_____	
Farm Machinery and Vehicles							
	Diesel Fuel			5.31	12.16	_____	
	Repairs and Maintenance			6.85		_____	
Irrigation Water (excluding labor)							
Water Assessment (See Note Below) **							
					0.00	_____	
Other Purchased Inputs & Seed/Transplants							
				28.94	28.94	_____	
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					171.03	_____	
CASH HARVEST AND POST HARVEST EXPENSES							
Paid Labor (including benefits)							
	Tractor/Self Propelled			1.88	1.88	_____	
Farm Machinery and Vehicles							
	Diesel Fuel			0.81	2.22	_____	
	Repairs and Maintenance			1.41		_____	
Custom Harvest/Post Harvest							
					70.40	_____	
TOTAL HARVEST AND POST HARVEST EXPENSE					74.50	_____	
OPERATING OVERHEAD PICKUP USE							
					7.69	_____	
OPERATING INTEREST AT 10.0%							
					9.43	_____	
TOTAL CASH OPERATING EXPENSES					\$262.64	_____	
RETURNS OVER CASH OPERATING EXPENSES					\$134.86	_____	

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

** A water assessment charge of \$17.25 per Acre is included as an ownership cost in Table B.

Table 6B. Allocations of Ownership Costs; Durum Wheat (Double Crop), 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Double Cropped
 CROP: Wheat, Durum ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 5,300.0 Lb / Acre PREVIOUS CROP: Cotton, Upland DATE: 2/22/99

Item	-- CASH COST BASIS (\$/ACRE) --		-- TOTAL COST BASIS (\$/ACRE) --	
	Income and Costs	Net Returns	Income and Costs	Net Returns
TOTAL INCOME at \$0.08 / Lb	\$397.50		\$397.50	
TOTAL OPERATING EXPENSES	\$262.64		\$262.64	
RETURN OVER CASH OPERATING EXPENSES		\$134.86		\$134.86
CASH OVERHEAD EXPENSES				
Taxes, Housing and Insurance, Farm Machinery	1.79		1.79	
General and Office Overhead (5.0% of Total Operating Exp.)	13.13		13.13	
General Farm Maintenance (3.0% of Total Operating Exp.)	7.88		7.88	
Total Cash Overhead Expenses	22.81		22.81	
Total Cash Operating and Overhead Cost	285.45		285.45	
RETURNS OVER CASH OPER. AND OVER. EXPENSES		\$112.05		\$112.05
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery and Vehicles			9.66	
Interest on Equity, Machinery and Vehicles			5.38	
Total Capital Allocations			15.05	
RETURNS TO LAND, CAPITAL, MANAGEMENT AND RISK ----->		\$112.05		
RETURNS TO LAND, MANAGEMENT AND RISK ----->				\$97.00
Land Cost / Rent or Lease	150.00		150.00	
Land Cost / Ownership (100% Equity)				
Property Taxes (\$450.00 X 16.0% X 0)				
Opportunity Interest on Land (100% X 6.0 X \$450.00)				
Water Assessment	17.25		17.25	
Total Land Costs	167.25		167.25	
RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->		(\$55.20)		
RETURNS TO MANAGEMENT AND RISK ----->				(\$70.25)
Management Services (8% of Total Operation Expenses)			21.01	
TOTAL OWNERSHIP COST	190.06		226.12	
TOTAL COST	\$452.70		\$488.76	
RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->		(\$55.20)		
RETURNS TO RISK (PROFITS) ----->				(\$91.26)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb)		\$0.05		\$0.05
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$0.04		\$0.04
BREAK-EVEN PRICE TO COVER TOTAL COST		\$0.09		\$0.09

Table 6C. Variable Operating Costs; Durum Wheat (Double Crop), 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Double Cropped
 CROP: Wheat, Durum ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 5,300.0 Lb / Acre PREVIOUS CROP: Cotton, Upland DATE: 2/22/99

No.	First Month	Operation	---- Hours * ----		---- Operating Costs (\$/ACRE *) Per Operation ----					Tot. Cash Expenses	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Serv.	Materials	Total			Times
1	Oct	Disk	0.225	0.250	3.37	2.12			5.49	1.0	5.49	L
2	Oct	Apply Fert/Ground	0.090	0.100	0.70	0.85		44.27	45.82	1.0	45.82	G
3	Oct	Landplane	0.257	0.286	3.24	2.42			5.66	1.0	5.66	L
4	Nov	Plant	0.200	0.222	2.41	1.88		28.94	33.23	1.0	33.23	L
5	Dec	Make Borders	0.113	0.125	0.69	1.06			1.75	1.0	1.75	G
6	Dec	Irrigate		0.667		4.72			4.72	1.0	4.72	G
7	Jan	Irrigate		0.333		2.35			2.35	4.0	9.42	G
8	Mar	Apply Herbicide/Ground	0.150	0.167	1.08	1.42		20.68	23.17	1.0	23.17	G
9	Mar	Irrigate/Run Fertilizer		3.000		21.21		10.90	32.11	1.0	32.11	G
10	Mar	Apply Insecticide/Air					4.23	3.70	7.93	1.0	7.93	G
11	May	Knock Borders	0.113	0.125	0.67	1.06			1.73	1.0	1.73	G
12	May	Combine Harvest						56.40	56.40	1.0	56.40	H
13	May	Haul, Custom 56 CW						14.00	14.00	1.0	14.00	H
14	Jun	Cut Stalks 56 CW	0.200	0.222	2.22	1.88			4.10	1.0	4.10	P
		Pickup Use30 Mi/Acre	1.000		7.69						7.69	
		Operating Interest at 10.0						9.43			9.43	
TOTAL CASH OPERATING EXPENSES (includes all times over):											262.64	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 \$17.25 per Acre is included as an ownership cost in Table B.

OPERATING COST SUMMARY BY CLASS		SENSITIVITY OF THE NET REVENUES OVER TOTAL CASH EXPENSES (\$/ACRE)							
		Prices	- 25%	- 10%	Budgeted	+ 10%	+ 25%	Break-even Price	
Land Preparation (L)	44.38								
Growing (G)	126.64	Yields	\$0.06	\$0.07	\$0.08	\$0.08	\$0.09		
Harvest (H)	70.40								
Post Harvest (P)	4.10	- 25%	3,975.0	-20.42	24.29	54.11	83.92	128.64	0.06
Marketing (M)	0.00	- 10%	4,770.0	13.12	66.78	102.56	138.33	191.99	0.05
Operating Overhead (O)	17.12	Budgeted	5,300.0	35.48	95.11	134.86	174.61	234.23	0.05
	=====	+ 10%	5,830.0	57.84	123.43	167.16	210.88	276.47	0.05
Total (T)	\$262.64	+ 25%	6,625.0	91.39	165.92	215.61	265.29	339.83	0.04
		Break-even Yield		4,459.07	3,520.43	3,087.19	2,748.89	2,360.84	

Table 6D. Resource and Cash Flow Requirements; Durum Wheat (Double Crop), 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Double Cropped
 CROP: Wheat, Durum ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 5,300.0 Lb / Acre PREVIOUS CROP: Cotton, Upland DATE: 2/22/99

Month *	Number Irrigations	Water Applied (inches)	Total Labor (Hrs)	Operating Costs (\$/ACRE *)						
				Purchased Water	Fuel, Oil and Repairs	Labor	Chemicals	Other Purchases	Services	Total
OCT P			0.06		0.73	0.54	4.43			5.70
NOV P			0.38		4.38	3.26	22.13	8.68		38.45
DEC P	1.0	10.0	1.20		5.31	9.25	17.71	20.26		52.52
JAN C	0.3	1.5	0.10			0.71				0.71
FEB C	0.7	3.5	0.23			1.65				1.65
MAR C	2.0	10.0	3.50		1.08	24.98	35.27		4.23	65.56
APR C	2.0	10.0	0.67			4.71				4.71
MAY C			0.13		0.67	1.06			12.45	14.18
JUN C			0.22		2.22	1.88			57.95	62.05
Pickup Use30 Mi/Acre						7.69				7.69
Operating Interest at 10.0									9.43	9.43
Water Assessment				**						
Total	6.0	35.0	6.50		22.07	48.03	79.54	28.94	84.06	262.64
%					8.40	18.29	30.28	11.02	32.01	100.00

TOTAL RESOURCE REQUIREMENTS (per Acre)	TOTAL ENERGY REQUIREMENTS (per Acre)
Total N 186.3	Diesel Fuel 7.5 Gal
Total P 0.0	Unleaded Gas 3.0 Gal
Total K 0.0	All Direct Energy 1.4 M BTU
Total Labor 6.5	
Total Water 35.0	

EQUIPMENT REQUIREMENTS (per Acre)			
Blade Scraper, 10'	0.11 Hr	Border Disk, 6' Disk	0.11 Hr
Fertilizer Broadcaster,	0.09 Hr	Grain Drill, 14'	0.20 Hr
Offset Disk, 16.5'	0.22 Hr	Pickup Truck, 1/2 Ton	1.00 Hr
Tractor, 80 PTO HP,	0.38 Hr	Tractor, 100 PTO HP,	0.49 Hr
		Dbl. Offset Disk, 13'	0.20 Hr
		Landplane 12'X 45'	0.26 Hr
		Saddle Tk Sprayer, 2 Tk 8	0.15 Hr
		Tractor, 150 PTO HP,	0.48 Hr

MATERIALS REQUIREMENT (per Acre)			
46-00-00, Urea 46	405.00 Lb	Bromoxynil	1.50 Pt
Malathion	1.00 Pt	MCPA	1.00 Pt
		Durum Wheat Sd, Cert	130.00 Lb
		Water, District	35.00 Al

LABOR REQUIREMENT (per Acre)			
Irrigators	5.00 Hr	Tractor	1.50 Hr

*NOTE: P = Previous Year C = Current Year N = Next Year
 ** A water assessment charge of \$17.25 per Acre is included as an ownership cost in Table B.

Table 6E. Schedule of Operations; Durum Wheat (Double Crop), 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Double Cropped
 CROP: Wheat, Durum ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 5,300.0 Lb / Acre PREVIOUS CROP: Cotton, Upland DATE: 2/22/99

First No.	Month	Times	Operation	Equipment/ Custom Oper		Job Rate Acres/Hr	Material Use and Cost			Service Cost \$ / Unit	Labor Type
				HP	Self-Prop./ Implement		Name	Appl. Rate	\$ / Unit		
1	Oct	1.0	Disk	150	Offset Disk, 16.5'	4.00					Tractor
2	Oct	1.0	Apply Fert/Ground	100	Fertilizer Broadcaster,	10.00	46-00-00, Urea 46	325.00 Lb	257.00 Tn		Tractor
3	Oct	1.0	Landplane	150	Landplane 12'X 45'	3.50					Tractor
4	Nov	1.0	Plant	100	Grain Drill, 14'	4.50	Durum Wheat Sd, Cert	130.00 Lb	21.00 CW		Tractor
5	Dec	1.0	Make Borders	80	Blade Scraper, 10'	8.00					Tractor
6	Dec	1.0	Irrigate	1.50	Water, District	1.50	Water, District	10.00 Al	0.00 AF		Irrigators
7	Jan	4.0	Irrigate	3.00	Water, District	3.00	Water, District	5.00 Al	0.00 AF		Irrigators
8	Mar	1.0	Apply Herbicide/Ground	80	Saddle Tk Sprayer, 2 Tk 8	6.00	Bromoxynil	1.50 Pt	52.93 Ga		Tractor
					MCPA		MCPA	1.00 Pt	76.68 Ga		
9	Mar	1.0	Irrigate/Run Fertilizer	0.33	Water, District	0.33	Water, District	5.00 Al	0.00 AF		Irrigators
					46-00-00, Urea 46		46-00-00, Urea 46	80.00 Lb	257.00 Tn		
10	Mar	1.0	Apply Insecticide/Air		CST Air Spray, 3 Gal Mix		Malathion	1.00 Pt	27.90 Ga	4.23 Ac	
11	May	1.0	Knock Borders		80 Border Disk, 6' Disk	8.00					Tractor
12	May	1.0	Combine Harvest		CST Combine Wheat					37.50 Ac	
13	May	1.0	Haul, Custom		CST Haul Grain					0.25 C	
14	Jun	1.0	Cut Stalks		100 Dbl. Offset Disk, 13'	4.50					Tractor
			Pickup use 30 Mi/Ac		Pickup Truck, 1/2 Ton	1.00					

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