

SAMPLE COST TO PRODUCE WHEAT ON MINERAL SOIL

CROP.....	WHEAT	GROSS INCOME PER ACRE.....	\$300.10
YIELD/ACRE IN TONS.....	2.7	TOTAL CASH COST/ACRE.....	378.98
MARKET VALUE/TON.....	\$75.00	NET LOSS/ACRE.....	-78.88

<u>TYPE</u>	<u>\$ EXPENSES PER ACRE</u>	<u>\$ LABOR/AC</u>	<u>YOUR COST/A</u>
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CULTURAL FUEL/ELECTRICITY

Chop Stubble	\$ 0.28	\$ 1.42	_____
Disc 2x	1.08	1.66	_____
Plow	1.00	1.25	_____
Spring tooth flat roll	0.70	1.00	_____
Level Plan 1x	0.25	0.50	_____
Pre N/roller	0.70	1.00	_____
Float/ringroller	0.54	0.83	_____
List Beds/Flatroll	0.75	1.25	_____
Plant Drill	0.15	1.00	_____
Employee pick-ups	3.14	_____	_____
TOTAL	8.59	9.91*	_____

IRRIGATION

Irrigation 2x (elect)	8.00		_____
Reclamation	15.00		_____
Drain Maint.	2.50		_____
TOTAL	25.50		_____

CHEMICALS/SEED

Aqua Preplant N	13.30		_____
Herb. (2.4-D) 1 1/2 pt	2.18		_____
Herb. (Hoelon) 1 1/2 pt	10.32		_____
AmNO3 top dress 2x 50#	30.88		_____
Starter 11-48-0 100#	15.90		_____
Seed 150#/A	12.00		_____
TOTAL	84.58		_____

AIR APPLICATIONS

	5.50		_____
	5.50		_____
	11.00		_____
	_____		_____
	22.00		_____

* Included in labor budget

<u>HARVEST</u>	<u>\$ EXPENSES PER ACRE</u>	<u>YOUR COST/A</u>
Truck fuel	0.25	_____
Harvester fuel	<u>0.50</u>	_____
TOTAL	0.75	_____
<u>LABOR</u>		
Irrigation (\$4/hr) 2x	18.20	_____
Cultural (\$5/hr)	9.91	_____
Harvest/2 men	3.33	_____
Shop mechanic	10.00	_____
Overtime	<u>2.71</u>	_____
TOTAL	44.15	_____
<u>CASH OVERHEAD</u>		
Management Sal/Benefits	21.73	_____
Maint/Repairs	54.25	_____
Share Rent (15%)	45.00	_____
Emp. Benefits (30%)	14.74	_____
Taxes on Equip.	2.33	_____
Office Mgmt Exp.	10.86	_____
Secretary/Bookkeeper Insurance	<u>5.00</u>	_____
TOTAL	153.91	_____
<u>DEBT SERVICE</u>		
Interest on Loan 13%	35.00	_____
Interest on Equipment	<u>4.50</u>	_____
TOTAL	39.50	_____
TOTAL CASH EXPENSES:	\$378.98	_____
GROSS INCOME:	\$300.10	_____
NET LOSS:	\$ 78.88	_____
<u>NON-CASH COSTS:</u>		
Equip. Depreciation	37.50	_____
Interest on Buildings	10.67	_____
Building Depreciation	<u>4.44</u>	_____
TOTAL:	\$52.61	_____

SAMPLE COSTS TO PRODUCE WHEAT ON PEAT TYPE SOILS

CROP.....=	WHEAT	GROSS INCOME/ACRE....=	301.10
YIELD/ACRE IN TONS....=	2.7	TOTAL CASH COSTS/ACRE=	330.59
MARKET VALUE PER TON..=	75.00	NET LOSS/ACRE.....=	-29.49
GOVERNMENT PAYMENT/TON=	36.52		

EXPENSES

TYPE OF COST	COST/A	COST/A	COST/A	YOUR
CULTURAL COSTS: FUEL AND LABOR	FUEL	LABOR	TOTAL	COST/A
STUBBLE CHOP	.45	1.00	1.45	_____
DISC 2X	1.00	1.60	2.60	_____
PLOW	1.00	1.40	2.40	_____
DISC 2X	1.00	1.60	2.60	_____
SPUD DITCH	1.25	1.40	2.65	_____
PLANT SEED & APPLY STARTER FERT.	.50	.90	1.40	_____
EMPLOYEE PICKUPS	3.14		3.14	_____
IRRIGATE 1X		1.00	1.00	_____
RECLAMATION			15.00	_____
IRRIGATION DRAIN MAINTENANCE		2.50	2.50	_____
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TOTAL	8.34	11.40	34.74	_____

CHEMICAL AND SEED COSTS	COST/A	COST/A	COST/A	
	MATERIAL	APPLIC.	TOTAL	
STARTER 11-48-0 @ 100 LBS/A	15.90		15.90	_____
SEED @ 175 LBS/ACRE	14.00		14.00	_____
HOELON FOR GRASSES @ 1.5 PINTS/A BY AIR	10.30	5.50	15.80	_____
2,4-D FOR BROADLEAF WEEDS @ 1.5 PINTS/A	2.20	5.50	7.70	_____
AMMON. NITRATE TOP DRESS 2X; 100 LBS TOTAL	30.88	11.00	41.88	_____
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TOTAL	73.28	22.00	95.28	_____

HARVEST				
TRUCKS			.25	_____
HARVESTER FUEL			.50	_____

		TOTAL:	.75	_____

LABOR COSTS				
MECHANIC			10.00	_____
HARVEST LABOR (2 MEN)			3.33	_____

		TOTAL:	13.33	_____

LLBT SERVICE		YOUR
INTEREST ON LOAN @ %13	COST/A	COST/A
INTEREST ON EQUIPMENT	35.00	_____
	4.50	_____
	-----	_____
TOTAL:	39.50	-----

CASH OVERHEAD		
SHARE RENT (15% OF GROSS INCOME)	45.17	_____
REPAIR/MAINTENANCE	54.25	_____
MANAGEMENT SALARY & BENEFITS	21.73	_____
EMPLOYEE BENEFITS (30% OF LABOR COSTS)	7.42	_____
OFFICE MANAGEMENT: SECRETARY/ACCOUNTANT	10.86	_____
TAXES ON EQUIPMENT	2.57	_____
INSURANCE	5.00	_____
	-----	_____
TOTAL:	146.99	-----

*****TOTAL CASH EXPENSES PER ACRE***** 330.59

NON-CASH COSTS		
INTEREST ON BUILDINGS	10.67	_____
BUILDING DEPRECIATION	4.44	_____
EQUIPMENT DEPRECIATION	37.50	_____
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TOTAL:	52.61	-----

*****TOTAL COSTS PER ACRE FOR WHEAT***** 383.20

NET PROFIT OR LOSS PER ACRE OF WHEAT, ASSUMING \$330/ACRE CASH COSTS

YIELD TONS/A	MARKET PRICE PLUS GOVERNMENT PAYMENT PER TON					
	\$104	\$106	\$108	\$110	\$112	\$114
1.60	-164	-161	-158	-155	-151	-148
1.80	-143	-140	-136	-133	-129	-125
2.00	-123	-119	-115	-111	-107	-103
2.20	-102	-97	-93	-89	-84	-80
2.40	-81	-76	-71	-67	-62	-57
2.60	-60	-55	-50	-45	-39	-34
2.80	-39	-34	-28	-23	-17	-11
3.00	-19	-13	-7	-1	5	11
3.20	2	9	15	21	28	34
3.40	23	30	37	43	50	57
3.60	44	51	58	65	73	80

1986 SAMPLE COSTS TO PRODUCE WHEAT ON MINERAL AND PEAT SOIL

PLANTING DATES - November 1 to January 1; Delta plantings as late as February.

HARVEST DATES - June 20 - August 1.

VARIETIES - Anza and Yolo are best suited for this area. Tadinia is a new variety about to be released for septoria resistance.

SEEDING RATES - 100 to 125 lbs/ac dryland; 125 to 150 lbs/ac irrigated; up to 180 lbs/ac on peat soils planted late.

FERTILIZER - 100 lbs/ac nitrogen preplant; 100 to 130 lbs/ac 11-48-0 with seed as starter. Topdress 50 lbs/ac nitrogen in January-February followed by rain. Use urea early in season and ammonium nitrate later when conditions are warmer.

IRRIGATION - Plant on beds for drainage and irrigation. Irrigate when needed, before dough stage. Spud ditch if growing in delta.

ROTATIONS - Useful for drying out sub-irrigated soils. This helps in restoring row crop productivity especially tomatoes following wheat.

YIELDS - 2000 to 4000 lbs/ac dryland; 5000 to 7000 irrigated.

DISEASES - Stripe rust can be devastating on non-resistant varieties. Yellow dwarf, powdery mildew and root rots are occasional problems. Septoria can be a problem during wet winters.

WEED CONTROL - Apply 2,4-D for broadleaf weed control when crop is well established and tillered, but before boot stage. Bromoxynil can also be used for broadleaf weeds when crop has reached the 2 leaf stage and before the boot stage, and weeds are in early seedling stage. Severe injury can occur if wheat is sprayed with 2,4-D too early; prior to tillering. For grassey weeds use Avenge for wild oats and Hoelon for Ryegrass and wild oats. Hoelon can be tank mixed with bromoxynil for single applications. Injury can occur when Hoelon is applied to stressed wheat.