

TITLE: PRODUCTION COSTS & RETURNS FOR WHEAT
IN RIVERSIDE COUNTY WH-SI-78



	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
WHEAT	CWT.	4.350	45.000	195.75	
TOTAL RECEIPTS:				\$ 195.75	
2. VARIABLE COSTS:					
PREHARVEST:					
WHEAT, SEED	LBS.	0.140	75.000	10.50	
NITROGEN	LBS.	0.220	100.000	22.00	
IRRIG DIST WATER	ACIN	2.500	15.000	37.50	
2,4-D	ACRE	3.500	1.000	3.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			5.10	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.68	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.07	
IRRIGATION POWER COST	ACRE			9.68	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.69	
IRRIGATION WATER APPLIED	ACIN	0.825	15.000		
MACHINERY LABOR	HOUR	5.100	3.086	15.74	
IRRIGATION LABOR	HOUR	4.250	0.375	1.59	
INTEREST ON OPERATING CAP.	DOL.	0.086	48.289	4.07	
TOTAL PREHARVEST COSTS:				\$ 118.13	
PREHARVEST COST PER CWT.				\$ 2.63	
HARVEST:					
CUSTOM COMBINE	TON	10.000	2.250	22.50	
CUSTOM HAULING	TON	3.500	2.250	7.88	
INTEREST ON OPERATING CAP.	DOL.	0.086	5.063	0.44	
TOTAL HARVEST COSTS:				\$ 30.81	
HARVEST COST PER CWT.				\$ 0.68	
TOTAL VARIABLE COSTS:				\$ 148.94	
VARIABLE COST PER CWT.				\$ 3.31	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				\$ 46.81	
				\$ 1.04	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				0.60	
CASH RENT:				30.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				3.72	
TOTAL CASH OVERHEAD:				\$ 34.33	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				\$ 12.48	
				\$ 0.28	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			3.65	
IRRIGATION SYSTEM	ACRE			3.73	
BUILDINGS	ACRE			2.50	
TOTAL DEPRECIATION:				\$ 9.89	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	26.092	2.25	
IRRIGATION SYSTEM		0.086	39.819	3.44	
BUILDINGS		0.086	34.856	3.01	
TOTAL INTEREST CHARGE:				\$ 8.70	
TOTAL FIXED COSTS:				\$ 18.59	
FIXED COST PER CWT.				0.41	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CWT.				\$ 201.86	
				4.49	
8. NET RETURNS:					
NET RETURNS PER CWT.				\$ -6.11	
				-0.14	

ON A 100 ACRE FIELD
WITH SPRINKLER IRRIGATION.

UC Cooperative Extension

06/30/78

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	195.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195.75
OPERATING EXPENSES														
WHEAT, SEED	\$/AC	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
NITROGEN	\$/AC	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
IRRIG DIST WATER	\$/AC	11.25	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	37.50
2,4-D	\$/AC	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	7.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.88
MACHINE LABOR COST	\$/AC	8.44	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	1.73	15.74
INTEREST ON OPER. CAP.	\$/AC	2.19	0.56	0.02	0.45	0.01	0.00	0.07	0.06	0.06	0.05	0.04	1.00	4.51
TRACTOR COST	\$/AC	4.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	5.10
EQUIPMENT COST	\$/AC	1.53	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.80	5.68
BLDG OPER. COST	\$/AC	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
IRRIGATION COST	\$/AC	3.71	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95	12.37
IRRIG LABOR COST	\$/AC	0.53	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	1.59
TOTAL EXPENSES	\$/AC	64.60	20.45	0.92	31.72	0.90	0.90	0.97	0.96	0.96	0.95	0.94	24.68	148.94

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	1.66	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.34	3.09
IRRIGATION LABOR	HR/AC	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.38
IRRIG. WATER APPLIED	ACIN	4.50	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	15.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 60 HP	3	60.0	13600.	12.	1000.	1.37	1.19	0.25	2.81	2.14	0.32	2.64	5.10	1.616
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	1.18	0.37	0.07	1.62	2.53	0.38	1.12	4.03	1.091
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	0.98	1.25	0.30	2.53	9.68	0.15	0.55	10.37	7.500
BED SHAPER 6ROW	50	15.0	4325.	15.	100.	0.50	0.39	0.09	0.98	0.00	0.01	0.45	0.46	0.190
DISK TANDEM	64	8.0	2000.	7.	360.	0.46	0.24	0.05	0.75	0.00	0.02	0.90	0.92	0.781
SPIKEHARROW&CART	71	8.0	960.	7.	360.	0.14	0.07	0.01	0.23	0.00	0.01	0.27	0.28	0.497
HANDMOVE SPRINK*	130	2.0	26088.	10.	5000.	2.76	2.19	0.44	5.38	0.00	0.04	1.96	2.00	7.500
SHOP TOOLS&EQUIP	5		5363.	15.		2.50	3.01	0.60	6.11	0.00		0.07	0.07	

TOTAL INVESTMENT OR COST	71224.					9.89	8.70	1.82	20.40	14.35	0.92	7.96	23.23
MACHINERY & EQUIPMENT	712.												
INVESTMENT PER ACRE													

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