

## Irrigated Wheat - Single Cropped

## Cost Analysis Work Sheet 1980

Sample costs to produce irrigated wheat in Fresno County (West Side) for feed grain use. Costs are based on a yield of 5000 lbs per acre. Field labor @\$4.50 per hour total and equipment operator \$5.50, including social security and workmen's compensation insurance. Heavy crawler per hour cash costs \$10.20, depreciation \$4.40 and interest \$4.00. Medium wheel diesel tractor \$4.60, \$2.00, and \$1.40.

	Sample Costs		My Costs	
	Per Acre	Per Cwt	Per Acre	Per Cwt
<b>PRE-HARVEST CASH COSTS</b>				
Land preparation: 1½ hours crawler tractor	\$23.55			
Disc & harrow: 1/6 hr crawler tractor	2.62			
Plant: seed 125 lbs @ 18¢	22.50			
¼ hr wheel tractor	2.52			
Fertilizer: 150 lbs N @ 15¢ (NH <sub>3</sub> )	22.50			
60 lbs P <sub>2</sub> O <sub>5</sub> @ 26¢	15.60			
Broadleaf weed Control: custom, 1/3 acres/yr	1.50			
Three crop irrigations: labor 1 hr	4.50			
2.3 ac. ft. water \$12.00/ac.ft.	27.60			
Misc labor including 1/6 hr crawler	4.00			
County taxes	11.00			
Repairs to equipment except tractor	9.00			
Office, car, operating capital, etc.	16.28			
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>163.17</b>	<b>3.26</b>		
<b>HARVESTING COSTS:</b>				
\$9.00 per acre + \$4.00 per ton +\$6.00 ton to haul out	34.00			
<b>TOTAL HARVESTING COSTS</b>	<b>34.00</b>	<b>.68</b>		
<b>TOTAL CASH COSTS</b>	<b>197.17</b>	<b>3.94</b>		
<b>DEPRECIATION:</b>				
Irrigation system: 260 - 16 years	16.25			
Crawler: 1 5/6 hrs @ \$4.40	8.07			
Wheel Tractor: ¼ hr @ \$2.00	.50			
Equipment except tractor: \$90 cost 10 yrs life	9.00			
<b>TOTAL DEPRECIATION</b>	<b>33.82</b>	<b>.68</b>		
<b>INTEREST ON INVESTMENT @ 12%:</b>				
Land: \$900	108.00			
Irrigation System: ½ cost \$130	15.60			
Crawler: 1 5/6 hrs. @ \$4.00	7.33			
Wheel Tractor: ¼ hr @ \$1.40	.35			
Equipment except tractors: ½ cost \$45	5.40			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>136.68</b>	<b>2.73</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>367.67</b>	<b>7.35</b>		

See back for sample costs at varying yields and water costs.

CO-OPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, U.S. Department of Agriculture,  
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SAMPLE COST AT VARYING YIELDS & WATER COST

Water Cost \$12.00/Ac.Ft.

<u>Yield: Lbs/Acre</u>	<u>4000</u>	<u>4500</u>	<u>5000</u>	<u>5500</u>	<u>6000</u>
Cash Cost/CWT	4.80	4.33	3.94	3.63	3.37
Total Cost/CWT	9.07	8.11	7.35	6.73	6.21

Water Cost \$32.00/Ac. Ft.

<u>Yield: Lbs/A</u>	<u>4000</u>	<u>4500</u>	<u>5000</u>	<u>5500</u>	<u>6000</u>
Cash Cost/CWT	5.95	5.35	4.86	4.47	4.14
Total Cost/CWT	10.22	9.13	8.27	7.57	6.98

Water Cost \$87.00/Ac. Ft.

<u>Yield: Lbs/A</u>	<u>4000</u>	<u>4500</u>	<u>5000</u>	<u>5500</u>	<u>6000</u>
Cash Cost/CWT	9.11	8.16	7.39	6.77	6.25
Total Cost/CWT	13.38	11.94	10.80	9.87	9.09

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TITLE: IRRIGATED WHEAT PRODUCTION  
WESTSIDE FRESNO COUNTY 1980  
SINGLE CROPPED - YIELD 50 CWT

BY BOB SHEESLEY, FARM ADVISOR

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
WHEAT	CWT.	6.720	50.000	\$ 336.00	
<b>TOTAL RECEIPTS:</b>				\$ 336.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
WHEAT, SEED	CWT.	18.000	1.250	\$ 22.50	
NITROGEN	LBS.	0.150	150.000	22.50	
IRRIG DIST WATER	ACIN	1.000	27.600	27.60	
PHOSPHATE	LBS.	0.260	60.000	15.60	
BROAD LEAF HERB	ACRE	3.000	0.333	1.00	
HERBICIDE APP	ACRE	2.500	0.667	1.67	
WILD OAT CONTROL	ACRE	3.500	0.334	1.17	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			13.03	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			8.95	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.55	
IRRIGATION (POWER-LUBE-REP)	ACIN	0.651	27.600	17.96	
MACHINERY LABOR	HOURL	5.500	1.413	7.77	
IRRIGATION LABOR	HOURL	4.500	1.000	4.50	
INTEREST ON OPERATING CAP.	DOL.	0.140	64.854	8.77	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 154.57	
<b>PREHARVEST COST PER CWT.</b>				\$ 3.0914	
<b>HARVEST:</b>					
CUSTOM COMBINE	ACRE	9.000	1.000	\$ 9.00	
CUSTOM COMBINE	CWT.	0.200	50.000	10.00	
CUSTOM HAULING	TON	6.000	2.500	15.00	
<b>TOTAL HARVEST COSTS:</b>				\$ 34.00	
<b>HARVEST COST PER CWT.</b>				\$ 0.6800	
<b>TOTAL VARIABLE COSTS:</b>				\$ 188.57	
<b>VARIABLE COST PER CWT.</b>				\$ 3.7714	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 147.43	
<b>INCOME PER CWT.</b>				\$ 2.9486	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				\$ 11.00	
<b>TOTAL CASH OVERHEAD:</b>				\$ 11.00	
<b>OVERHEAD COST PER CWT.</b>				0.2200	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 136.43	
<b>INCOME PER CWT.</b>				\$ 2.7286	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			\$ 8.26	
IRRIGATION SYSTEM	ACRE			7.60	
BUILDINGS	ACRE			5.65	
<b>TOTAL DEPRECIATION:</b>				\$ 21.51	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.140	62.774	\$ 8.79	
IRRIGATION SYSTEM		0.140	78.421	10.98	
BUILDINGS		0.107	107.187	11.44	
LAND		0.107	900.000	96.03	
<b>TOTAL INTEREST CHARGE:</b>				\$ 127.23	
<b>TOTAL FIXED COSTS:</b>				\$ 148.75	
<b>FIXED COST PER CWT.</b>				2.9749	
<b>7. TOTAL OF ABOVE COSTS:</b>				\$ 348.32	
<b>TOTAL COST PER CWT.</b>				6.9664	
<b>8. NET RETURNS:</b>				\$ -12.32	
<b>NET RETURNS PER CWT.</b>				-0.2464	

SPRINKLER IRRIGATED  
100 ACRE FIELD SIZE

UPDATED 05/10/80

BUDGET IDENTIFICATION NUMBER 2341000000 420 1  
DATE PRINTED: 05/10/80

BUDGET RECORD NUMBER 193  
HARVEST MONTH: 6

1980 default data

IDENTIFICATION NUMBER 234100000 420 1  
 IRRIGATED WHEAT PRODUCTION  
 WESTSIDE FRESNO COUNTY 1980  
 SINGLE CROPPED - YIELD 50 CWT

HARVEST MONTH 6 BUDGET RECORD NUMBER 193  
 BY BOB SHEESLEY, FARM ADVISOR

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	0.00	0.00	336.00	0.00	0.00	0.00	0.00	0.00	0.00	336.00
<b>OPERATING EXPENSES</b>														
WHEAT, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	22.50
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	22.50
IRRIG DIST WATER	\$/AC	0.00	9.20	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.20	27.60
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
PHOSPHATE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.60	15.60
BROAD LEAF HERB	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
HERBICIDE APP	\$/AC	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.67
WILD OAT CONTROL	\$/AC	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.01	0.75	7.77
INTEREST ON OPER. CAP.	\$/AC	0.06	0.90	0.04	0.41	0.03	0.01	0.00	0.00	0.00	0.00	1.75	5.57	8.77
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.01	1.02	13.03
EQUIPMENT COST	\$/AC	0.68	0.95	0.68	0.95	1.36	0.00	0.00	0.00	0.00	0.00	2.98	1.36	8.95
BLDG OPER. COST	\$/AC	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00	0.00	0.19	0.19	1.55
IRRIGATION COST	\$/AC	0.00	5.99	0.00	5.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.99	17.96
IRRIG LABOR COST	\$/AC	0.00	1.50	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	4.50
TOTAL EXPENSES	\$/AC	0.93	20.73	0.91	18.24	1.58	34.21	0.00	0.00	0.00	0.00	23.96	88.01	188.57

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.14	1.41
IRRIGATION LABOR	HR/AC	0.00	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	1.00
IRRIG. WATER APPLIED	ACIN	0.00	9.20	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.20	27.60

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL HOURS USED	FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE	
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
TRACTOR 75 HP	3	75.0	17400.	7.	1800.	0.19	0.20	0.05	0.44	0.76	0.11	0.47	1.34	0.219
TRACTOR 90 HP	4	90.0	27600.	7.	1800.	0.56	0.61	0.14	1.31	1.70	0.26	1.40	3.36	0.411
CRAWLER 120 HP	11	120.0	85200.	10.	1600.	2.46	3.16	0.78	6.40	4.22	0.63	3.48	8.34	0.654
IRR PUMP 40 HP*	21	2.0	9600.	25.	3200.	1.52	3.14	0.93	5.59	10.65	0.16	0.96	11.77	13.800
CHISEL	43	14.0	5040.	7.	385.	0.32	0.27	0.07	0.66	0.00	0.01	0.63	0.64	0.231
DISC OFFSET	59	12.0	4800.	8.	325.	0.37	0.33	0.09	0.79	0.00	0.01	0.73	0.74	0.260
SPIKE HARROW	71	20.0	2880.	4.	650.	0.14	0.08	0.02	0.24	0.00	0.01	0.33	0.34	0.199
4 WH PLANE 16X90	86	16.0	23400.	5.	500.	2.30	1.58	0.38	4.26	0.00	0.02	1.24	1.26	0.364
GRAIN DRILL	107	14.0	5400.	16.	160.	1.71	2.27	0.67	4.64	0.00	0.10	5.19	5.29	0.884
SIDEMOVE TOW*	129	2.0	31310.	10.	5000.	6.09	7.84	1.94	15.87	0.00	0.12	6.06	6.19	13.800
FARM SHOP	2		14321.	35.		3.68	8.40	1.43	13.52	1.43		0.06	1.49	
TOOLS-SHOP EQUIP	4		4177.	15.		1.95	2.90	0.42	5.26	0.00		0.06	0.06	
FUELTANK 550 GAL	18		159.	30.		0.02	0.14	0.02	0.17	0.00		0.00	0.00	

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 2313. 21.29 30.91 6.94 59.15 18.76 1.45 20.61 40.81

TOTAL INVESTMENT 231287.

SPRINKLER IRRIGATED  
 100 ACRE FIELD SIZE

UPDATED 05/10/80

FUEL USE SUMMARY FOR BUDGET NUMBER 234100000 420 1

IRRIGATED WHEAT PRODUCTION  
WESTSIDE FRESNO COUNTY 1980  
SINGLE CROPPED - YIELD 50 CWT

BY BOB SHEESLEY, FARM ADVISOR

FUEL USED IN GALLONS PER HOUR

TRACTOR 75 HP	3.600
TRACTOR 90 HP	4.320
CRAWLER 120 HP	6.720
IRR PUMP 40 HP*	0.140

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
IRR PUMP 40 HP*	0.070	
CHISEL	1.708	CRAWLER 120 HP
4 WH PLANE 16X90	1.344	CRAWLER 120 HP
DISC OFFSET	1.238	TRACTOR 90 HP
SPIKE HARROW	0.787	TRACTOR 75 HP
GRAIN DRILL	1.077	TRACTOR 90 HP
GRAIN DRILL	0.000	TRACTOR 90 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
CHISEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.708	0.000	1.708	3
4 WH PLANE 16X90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.689	0.000	2.689	3
DISC OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.238	0.000	1.238	3
SPIKE HARROW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.787	0.000	0.787	3
GRAIN DRILL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.539	0.539	3
GRAIN DRILL	0.539	0.754	0.539	0.754	1.077	0.000	0.000	0.000	0.000	0.000	0.000	0.539	4.200	3
TOTALS	0.539	0.754	0.539	0.754	1.077	0.000	0.000	0.000	0.000	0.000	6.422	1.077	11.161	

GALLONS FUEL BY TYPE  
0.00 GAS  
0.00 LP  
11.16 DIESEL

FUEL TYPES  
1=GAS  
2=L.P.  
3=DIESEL

IRRIGATED WHEAT PRODUCTION  
 WESTSIDE FRESNO COUNTY 1980  
 SINGLE CROPPED - YIELD 50 CWT

BY BOB SHEESLEY, FARM ADVISOR

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL	11, 43	NOV	1.00	0.280	0.231	3.88	3.14
4 WH PLANE 16X90	11, 86	NOV	2.00	0.440	0.364	6.36	8.17
DISC OFFSET	4, 59	NOV	1.00	0.315	0.260	3.08	1.70
SPIKE HARROW	3, 71	NOV	1.00	0.241	0.199	1.68	0.68
GRAIN DRILL	4, 107	DEC	0.50	0.137	0.113	1.70	0.99
GRAIN DRILL	107	DEC	0.50	0.000	0.113	0.68	0.60
GRAIN DRILL	107	JAN	0.50	0.000	0.113	0.68	0.60
GRAIN DRILL	107	FEB	0.70	0.000	0.159	0.95	0.83
GRAIN DRILL	107	MAR	0.50	0.000	0.113	0.68	0.60
GRAIN DRILL	107	APR	0.70	0.000	0.159	0.95	0.83
GRAIN DRILL	107	MAY	1.00	0.000	0.227	1.36	1.12
TOTALS				1.413	2.051	21.99	19.33

SPRINKLER IRRIGATED  
 100 ACRE FIELD SIZE

UPDATED 05/10/80

BUDGET IDENTIFICATION NUMBER--- 234100000 420 1  
 ANNUAL CAPITAL MONTH 6 BUDGET RECORD NUMBER 193

**INCOME ABOVE VARIABLE COSTS  
WHEN THE PRICE OF WHEAT  
AND THE QUANTITY OF WHEAT**

**RANGES FROM  
RANGES FROM**

**5.72 TO  
40.00 TO**

**7.72  
60.00**

**PRICE OF WHEAT**

5.72

6.22

6.72

7.22

7.72

\*\*\*\*\*

**QUANTITY OF  
WHEAT**

40.00 *	40.23	60.23	80.23	100.23	120.23
45.00 *	68.83	91.33	113.83	136.33	158.83
50.00 *	97.43	122.43	147.43	172.43	197.43
55.00 *	126.03	153.53	181.03	208.53	236.03
60.00 *	154.63	184.63	214.63	244.63	274.63

**INCOME ABOVE ALL CASH COSTS  
WHEN THE PRICE OF WHEAT  
AND THE QUANTITY OF WHEAT**

**RANGES FROM  
RANGES FROM**

**5.72 TO  
40.00 TO**

**7.72  
60.00**

**PRICE OF WHEAT**

5.72

6.22

6.72

7.22

7.72

\*\*\*\*\*

**QUANTITY OF  
WHEAT**

40.00 *	29.23	49.23	69.23	89.23	109.23
45.00 *	57.83	80.33	102.83	125.33	147.83
50.00 *	86.43	111.43	136.43	161.43	186.43
55.00 *	115.03	142.53	170.03	197.53	225.03
60.00 *	143.63	173.63	203.63	233.63	263.63

**INCOME ABOVE ALL COSTS  
WHEN THE PRICE OF WHEAT  
AND THE QUANTITY OF WHEAT**

**RANGES FROM  
RANGES FROM**

**5.72 TO  
40.00 TO**

**7.72  
60.00**

**PRICE OF WHEAT**

5.72

6.22

6.72

7.22

7.72

\*\*\*\*\*

**QUANTITY OF  
WHEAT**

40.00 *	-119.52	-99.52	-79.52	-59.52	-39.52
45.00 *	-90.92	-68.42	-45.92	-23.42	-0.92
50.00 *	-62.32	-37.32	-12.32	12.68	37.68
55.00 *	-33.72	-6.22	21.28	48.78	76.28
60.00 *	-5.12	24.88	54.88	84.88	114.88

**BUDGET RECORD NUMBER 193  
SPRINKLER IRRIGATED  
100 ACRE FIELD SIZE**

**UPDATED 05/10/80**

BUDGET IDENTIFICATION NUMBER 234100000 420 1  
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 193

IRRIGATED WHEAT PRODUCTION  
 WESTSIDE FRESNO COUNTY 1980  
 SINGLE CROPPED - YIELD 50 CWT

BY BOB SHEESLEY, FARM ADVISOR

COSTS AND RETURNS WILL BE  
 DIVIDED BY 50.0 CWT.  
 TO OBTAIN PER CWT. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
1 WHEAT	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	6.720	0.000	16.	34.	2.	0.
NUMBER OF UNITS																		
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 WHEAT, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	18.000	0.000	16.	134.	3.	0.
7 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.150	0.000	12.	211.	3.	0.
8 IRRIG DIST WATER	0.00	9.20	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.20	1.000	0.000	11.	323.	3.	0.
9 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	9.000	0.000	7.	305.	3.	9.
10 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	16.	305.	3.	9.
11 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	3.	306.	3.	9.
12 PHOSPHATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.260	0.000	12.	214.	3.	0.
13 BROAD LEAF HERB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	3.000	0.000	7.	252.	3.	0.
14 HERBICIDE APP	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	2.500	0.000	7.	358.	3.	0.
15 WILD OAT CONTROL	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	253.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												N CREW		POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE			CODE
26 CHISEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	11.	43.	4.	0.
27 4 WH PLANE 16X90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.000	0.000	11.	86.	4.	0.
DISC OFFSET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	4.	59.	4.	0.
SPIKE HARROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	3.	71.	4.	0.
30 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.000	0.000	4.	107.	4.	0.
31 GRAIN DRILL	0.50	0.70	0.50	0.70	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.000	0.000	0.	107.	4.	0.
SHARE SHARE POWER SYS																		
FIXED % VAR % UNIT CODE LIFT																		
49 ACIN IRRIG WATER	0.00	9.20	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.20	0.00	0.00	21.	129.	50.	
50 NO. TIMES IRRIG	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE			
51 FARM SHOP	1.000	0.340	0.	2.	5.	0.
52 TOOLS-SHOP EQUIP	1.000	0.340	0.	4.	5.	0.
53 FUEL TANK 550 GAL	1.000	0.340	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	100.00	900.00	11.00	0.0 0.00

SPRINKLER IRRIGATED  
 100 ACRE FIELD SIZE

MACHINERY COMPLEMENT 4  
 EQUIPMENT COMPLEMENT 1

UPDATED 05/10/80

GENERAL NAME CHANGE->253	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
	RM CL	VALUE	RM CL	VALUE	RM CL
WILD OAT CONTROL					
PARAMETER CHGS-->10.		5.500000 12.		4.500000 18.	
				0.333400	

1980 default data