

Agricultural Briefs

SACRAMENTO COUNTY

SAMPLE COSTS TO PRODUCE WHEAT ON MINERAL GROUND - 1975

- Planting Dates: November 1-January 1
- Harvest Dates: June 20 - August 1
- Varieties: Inia 66 R, Anza, Siete Cerros 66.
- Seeding Rates: 90 - 100 pounds per acre; 120 - 150 pounds per acre Anza.
- Fertilizer: 100 lbs/ac Nitrogen preplant 200 lbs/ac under seed 8-32-0
50 lbs/ac Nitrogen top dressed in Jan-Feb.
- Irrigation: Plant on beds for drainage and irrigation. Irrigate when needed.
- Rotation: Useful for drying out sub-irrigated soil. This helps in restoring row crop productivity and in weed control.
- Normal Yield: 4,000 to 6,000 pounds per acre.
- Insect Pests: Usually none, occasionally wireworms and aphids.
- Disease
Problems: Stripe rust can be devastating on non-resistant varieties
Yellow dwarf, powdery mildew and root rot are occasional problems.
- Miscellaneous
Problems: Shattering of varieties such as Siete Cerros if not harvested on time.
- Weed Control: 0.5-0.75 lbs. a.i./ac 2,4-Damine for broadleaf weed control when crop is well established and tillered but before boot stage. One and one-half to two pints com. 2 lbs/gal formulated Bromoxynil for broadleaf weed control when crop has reached two-leaf stage and before boot stage and weeds are in early seedling stage.

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SAMPLE COSTS TO PRODUCE WHEAT
ON MINERAL GROUND
Sacramento County - 1975

Cooperative Agricultural
Extension
University of California

Yield: 5000 lbs/ac
Price: \$120 /ton

Gross: \$300.00
Net: \$ 28.84

OPERATION	DATE	TOTAL COST/ACRE/YEAR
<u>Cultural</u>		
Chop corn stubble	Oct-Nov	\$ 1.50
Disk 2x	Oct-Nov	4.00
Plow	Oct-Nov	4.00
Disk & Harrow 2x	Oct-Nov	4.00
Preplant Aqua	Oct-Nov 100 lbs/ac Nitrogen	25.00
Bed up	Oct-Nov	5.00
Plant & Starter fert.	Nov 120-150 lbs/ac Anza	27.00
	200 lbs/ac 16-20-0	28.00
	Planting operation	5.00
Topdress fertilizer	Feb 100 lbs/ac Ammonium Nitrate + air application	9.00
		3.00
Herbicide	Feb 2,4-D 1 pt/ac + air application	4.00
Irrigate 1x	Feb-Mar	5.00
TOTAL CULTURAL COSTS		\$ 124.50
<u>Harvest</u>		
Combine & Haul	June/ July (Custom \$7.50/ton)	\$ 12.00
Storage: In & Out		3.00
TOTAL HARVEST COSTS		\$ 15.00
<u>Cash Overhead</u>		
Rent 33.3% Gross		\$ 100.00
Misc office		1.00
Taxes on equipment		1.00
Workman's Comp		1.00
Social security		1.00
TOTAL CASH OVERHEAD		\$ 104.00
Management 5% of gross		18.00
TOTAL CASH COST		\$ 261.50
Depreciation & Interest on equipment for 1200 acres \$150,000, 10 yr. life. Interest 10% based on 4 crops: Corn, Wheat, Tomatoes, Sugar-beets operation.		
<u>Depreciation:</u> Wheat & Barley \$4.86/ac. <u>Interest:</u> \$7.80/ac.		\$ 12.66
TOTAL COST/ACRE		\$ 274.16
TOTAL COST/TON		\$ 109.66