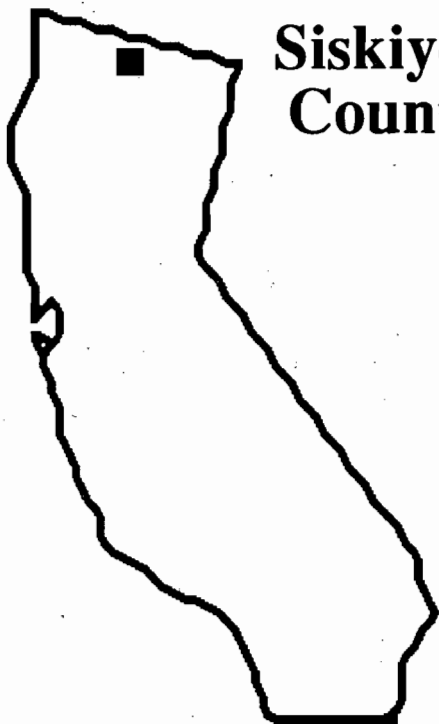


POTATOES

1989



**Siskiyou
County**

MONTHLY SUMMARY OF
SAMPLE COSTS TO PRODUCE POTATOES

Siskiyou County

| Operation | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | TOTAL |
|-----------------------------|-------------|------------|-------------|------------|--------------|-------------|-------------|-------------|-------------|----------------|-------------|--------------|----------------|
| Rototill | | | 8.6 | | | | | | | | | | \$9 |
| Plow | | | 8.7 | | | | | | | | | | 9 |
| Apply gypsum - custom | | | 25.8 | | | | | | | | | | 26 |
| Disc | | | | 4.7 | | | | | | | | | 5 |
| Disc & apply herb. | | | | | 16.5 | | | | | | | | 16 |
| Bed and fertilizer | | | | | 141.6 | | | | | | | | 142 |
| Plant | | | | | 194.0 | | | | | | | | 194 |
| Extra labor | | | | | 8.5 | | | | | | | | 9 |
| Cut seed | | | | | 60.0 | | | | | | | | 60 |
| Haul seed | | | | | 2.7 | | | | | | | | 3 |
| Pipe installation | | | | | 16.0 | | | | | | | | 16 |
| Move pipe & Cultivate | | | | | | 10.0 | | | | | | | 10 |
| Extra labor | | | | | | 7.5 | | | | | | | 8 |
| Irrigate | | | | | | 17.5 | 17.5 | 17.5 | 17.5 | | | | 70 |
| Fert. & blight ctrl | | | | | | 38.9 | 38.9 | 38.9 | 38.9 | | | | 156 |
| Charges for pick-up | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | 5 |
| Int.operating capital | | | .4 | .5 | 4.9 | 5.7 | 6.3 | 6.9 | 7.7 | 19.5 | 19.7 | | 72 |
| TOTAL CULTURAL COSTS | \$0 | \$0 | \$44 | \$6 | \$445 | \$80 | \$63 | \$64 | \$65 | \$20 | \$20 | \$0 | \$806 |
| Remove pipe | | | | | | | | | 16.0 | | | | 16 |
| Harvest(2 harvestors) | | | | | | | | | | 12.9 | | | 13 |
| Extra labor | | | | | | | | | | 5.5 | | | 6 |
| Windrow | | | | | | | | | | 6.7 | | | 7 |
| Custom haul | | | | | | | | | | 1,000.0 | | | 1,000 |
| Cellar crew | | | | | | | | | | 40.9 | | | 41 |
| Storage cost | | | | | | | | | | 100.0 | | | 100 |
| TOTAL HARVEST COSTS | | | | | | | | | \$16 | 1,166 | | | \$1,182 |
| Office and business | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 12 |
| Bldg.& Equip. Taxes | | | | 2.6 | | | | | | | | 2.6 | 5 |
| Land rent | | | | | | | | | | | | 250.0 | 250 |
| Hail insurance | 13.0 | | | | | | | | | | | | 13 |
| Equipment Insurance | 4.2 | | | | | | | | | | | | 4 |
| TOTAL CASH OVERHEAD | \$18 | \$1 | \$1 | \$4 | \$1 | \$1 | \$1 | \$1 | \$1 | \$1 | \$1 | \$254 | \$284 |
| TOTAL CASH COSTS | \$19 | \$1 | \$45 | \$9 | \$446 | \$81 | \$64 | \$65 | \$82 | \$1,187 | \$21 | \$254 | \$2,273 |

EQUIPMENT AND BUILDING LIST FOR POTATOES - 1989

Siskiyou County

Interest Rate: 12%

Fuel Cost per Gallon \$1.80 diesel
\$1.00 gasoline

| ITEM # | DESCRIPTION | NEW COST | ANNUAL USE (ACRES) | COST PER ACRE | LIFE (HRS) | YEARS TO TRADE | DEPRECIATION | INTEREST* | TAR* | HOURLY COSTS | TOTAL | |
|--------------------|--------------------------|-----------|--------------------|---------------|------------|----------------|--------------|-----------|------|--------------|----------|---------|
| | | | | | | | | | | FUEL* | REPAIRS* | |
| Tractors: | | | | | | | | | | | | |
| 1 | 4WD Wheel-160 HP | \$75,000 | 500 | \$150.00 | 12,000 | 15 | \$10.0 | \$9.00 | 120% | \$9.86 | \$7.50 | \$17.36 |
| 2 | 4WD Wheel-135 HP | 60,000 | 500 | 120.00 | 12,000 | 15 | 8.00 | 7.20 | 120 | 8.32 | 6.00 | 14.32 |
| 3 | 4WD Wheel-135 HP | 60,000 | 500 | 120.00 | 12,000 | 15 | 8.00 | 7.20 | 120 | 8.32 | 6.00 | 14.32 |
| 4 | 4WD Wheel-105 HP | 35,000 | 500 | 70.00 | 12,000 | 15 | 4.67 | 4.20 | 120 | 6.47 | 3.50 | 9.97 |
| 5 | 2WD Wheel-75 HP | 20,000 | 500 | 40.00 | 12,000 | 15 | 2.67 | 2.40 | 120 | 4.02 | 2.00 | 6.02 |
| 6 | Offset disc, 14' | 15,000 | 500 | 30.00 | 2,500 | 15 | 2.00 | 1.80 | 120 | | 7.20 | 7.20 |
| 7 | Plow, 5 X 16' | 8,000 | 500 | 16.00 | 2,500 | 10 | 1.60 | .96 | 120 | | 3.84 | 3.84 |
| 8 | Rototiller, 11' | 11,000 | 500 | 22.00 | 2,500 | 10 | 2.20 | 1.32 | 150 | | 6.60 | 6.60 |
| 9 | Rototiller, 12' | 12,000 | 500 | 24.00 | 2,500 | 10 | 2.40 | 1.44 | 150 | | 7.20 | 7.20 |
| 10 | Bedder w/ Fert. attach. | 5,000 | 500 | 10.00 | 2,500 | 10 | 1.00 | .60 | 80 | | 1.60 | 1.60 |
| 11 | Planter, 4 row | 30,000 | 500 | 60.00 | 1,200 | 10 | 6.00 | 3.60 | 100 | | 25.00 | 25.00 |
| 12 | Cultivator, 4 row | 4,000 | 500 | 8.00 | 2,000 | 10 | .80 | .48 | 120 | | 2.40 | 2.40 |
| 13 | 2 - Pipe trailers | 2,000 | 500 | 4.00 | 1,200 | 25 | .16 | .24 | 25 | | .42 | .42 |
| 14 | Front end loader | 5,000 | 500 | 10.00 | 2,500 | 10 | 1.00 | .60 | 80 | | 1.60 | 1.60 |
| 15 | Windrower, 2 row | 20,000 | 500 | 40.00 | 2,500 | 10 | 4.00 | 2.40 | 80 | | 6.40 | 6.40 |
| 16 | Windrower, 2 row | 20,000 | 500 | 40.00 | 2,500 | 10 | 4.00 | 2.40 | 80 | | 6.40 | 6.40 |
| 17 | Bulker w/ blower | 50,000 | 500 | 100.00 | 2,500 | 10 | 10.00 | 6.00 | 120 | | 24.00 | 24.00 |
| 18 | Bulker w/ blower | 50,000 | 500 | 100.00 | 2,500 | 10 | 10.00 | 6.00 | 120 | | 24.00 | 24.00 |
| 19 | Storage pilers | 30,000 | 500 | 60.00 | 2,500 | 15 | 4.00 | 3.60 | 80 | | 9.60 | 9.60 |
| 20 | Storage pilers | 30,000 | 500 | 60.00 | 2,500 | 15 | 4.00 | 3.60 | 80 | | 9.60 | 9.60 |
| 21 | Bedder shovels, 4 row | 1,000 | 500 | 2.00 | 2,500 | 10 | .20 | .12 | 120 | | .48 | .48 |
| 22 | Seed cutter & treater | 25,000 | 500 | 50.00 | 2,500 | 10 | 5.00 | 3.00 | 80 | | 8.00 | 8.00 |
| 23 | 3 - trucks w/ bed, 2 ton | 57,000 | 500 | 114.00 | 1,200 | 5 | 22.80 | 6.84 | 10 | | 4.75 | 4.75 |
| 24 | Pick-up, 3/4 ton | 14,000 | 500 | 28.00 | 1,000 | 5 | 5.60 | 1.68 | 25 | | 3.50 | 3.50 |
| Irrigation System: | | | | | | | | | | | | |
| 25 | Sprinkler pipe | 174,000 | 500 | 348.00 | 40,000 | 25 | 13.92 | 20.88 | 5 | | .22 | .22 |
| 26 | 3 - Pumps, 60 hp | 32,100 | 500 | 64.20 | 120,000 | 25 | 2.57 | 3.85 | 20 | | .05 | .05 |
| Buildings: | | | | | | | | | | | | |
| | Farm shop | 20,000 | 500 | 40.00 | | 35 | 1.14 | 2.40 | | | | |
| | Equip. storage buildings | 7,000 | 500 | 14.00 | | 35 | .40 | .84 | | | | |
| | Shop tools | 4,000 | 500 | 8.00 | | 10 | .80 | .48 | | | | |
| TOTAL COST | | \$876,100 | | \$1,752 | | | \$139 | \$105 | | | | |
| 60% OF NEW COSTS* | | \$525,660 | | \$1,051 | | | \$83 | \$63 | | | | |

* DEFINITIONS:

- YEARS TO TRADE----- The projected life of the machine in years adjusted for excessive annual use.
- OVERHEAD ----- Per acre per year.
- DEPRECIATION ----- "COST PER ACRE" divided by "YEARS TO TRADE"
- INTEREST----- ("COST PER ACRE" X "INTEREST RATE") divided by 2 = average interest cost per acre per year.
- TAR----- Total accumulated repairs. The total cost of repairs during the machine's life expressed as a percent of "NEW COST". Calculated from equations based on equipment type and annual use.
- HOURLY COST OF FUEL----- Diesel fuel, oil and lube costs per hour = HP x cost of diesel fuel/gal X 0.0667.
Gasoline fuel, oil and lube costs per hour = HP x cost of gasoline/gal X 0.0889.
- HOURLY COST OF REPAIRS-- ("NEW COST" X "TAR") divided by ("LIFE IN HOURS").

COST TO PRODUCE POTATOES AT VARYING PRICES AND YIELDS

| | YIELD (Cwt/acre) | | | | | | |
|-----------------|------------------|-------|-------|-------|-------|-------|-------|
| | 425 | 450 | 475 | 500 | 525 | 550 | 575 |
| Cultural Costs | 806 | 806 | 806 | 806 | 806 | 806 | 806 |
| Harvest Costs | 1,017 | 1,072 | 1,127 | 1,182 | 1,237 | 1,292 | 1,347 |
| Cash Overhead | 284 | 284 | 284 | 284 | 284 | 284 | 284 |
| Cash cost/acre | 2,108 | 2,163 | 2,218 | 2,273 | 2,328 | 2,383 | 2,438 |
| Cash cost/cwt | 4.96 | 4.81 | 4.67 | 4.55 | 4.43 | 4.33 | 4.24 |
| Investment cost | 146 | 146 | 146 | 146 | 146 | 146 | 146 |
| TOTAL COST/ACRE | 2,254 | 2,309 | 2,364 | 2,419 | 2,474 | 2,529 | 2,584 |
| TOTAL COST/CWT | 5.30 | 5.13 | 4.98 | 4.84 | 4.71 | 4.60 | 4.49 |

INCOME ABOVE CASH COSTS AT VARYING PRICES AND YIELDS

| \$ per Cwt | YIELD (Cwt/acre) | | | | | | |
|------------|------------------|--------|--------|--------|--------|--------|--------|
| | 425 | 450 | 475 | 500 | 525 | 550 | 575 |
| 2 | -1,258 | -1,263 | -1,268 | -1,273 | -1,278 | -1,283 | -1,288 |
| 3 | -833 | -813 | -793 | -773 | -753 | -733 | -713 |
| 4 | -408 | -363 | -318 | -273 | -228 | -183 | -138 |
| 5 | 17 | 87 | 157 | 227 | 297 | 367 | 437 |
| 6 | 442 | 537 | 632 | 727 | 822 | 917 | 1,012 |
| 7 | 867 | 987 | 1,107 | 1,227 | 1,347 | 1,467 | 1,587 |
| 8 | 1,292 | 1,437 | 1,582 | 1,727 | 1,872 | 2,017 | 2,162 |

INCOME ABOVE ALL COSTS AT VARYING PRICES AND YIELDS

| \$ per Cwt | YIELD (Cwt/acre) | | | | | | |
|------------|------------------|--------|--------|--------|--------|--------|--------|
| | 425 | 450 | 475 | 500 | 525 | 550 | 575 |
| 2 | -1,404 | -1,409 | -1,414 | -1,419 | -1,424 | -1,429 | -1,434 |
| 3 | -979 | -959 | -939 | -919 | -899 | -879 | -859 |
| 4 | -554 | -509 | -464 | -419 | -374 | -329 | -284 |
| 5 | -129 | -59 | 11 | 81 | 151 | 221 | 291 |
| 6 | 296 | 391 | 486 | 581 | 676 | 771 | 866 |
| 7 | 721 | 841 | 961 | 1,081 | 1,201 | 1,321 | 1,441 |
| 8 | 1,146 | 1,291 | 1,436 | 1,581 | 1,726 | 1,871 | 2,016 |