

SAMPLE COSTS TO PRODUCE DAIRY SILAGE - SOMOMA COUNTY 1985

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Mertens Dairy 1981 - 1982

DATA ENTRY:

yield - tons per acre			12
price - \$ per ton	38.00		
field labor (cash + 30% benefits)	5.50		
equipment operator (cash + 30%)	6.50		
80 hp diesel tractor-cash cost/hr	10.69		
depreciation/hr	2.58		
interest/hr	1.94		
130 hp heavy tractor-cash cost/hr	15.79		
depreciation/hr	4.75		
interest/hr	3.56		
seeds cost per lb	.11		
rate per acre (lbs/acre):		100	
cost per lb.	.17		
rate per acre		14.2	
2-4 D Amine: \$/pint	1.50	@	\$ 12.00 per gal.
rate: (pints per acre)	1.00		
custom air application	4.00		
Urea: \$ / lb.	.10		
lbs per acre:		150	
urea application: (\$/acre)	4.00		
Additives (ie ammonia)	3.26		
Harvest and Pack in Silo	6.00		
cash overhead (\$/acre)	20.00		
land cost (cash rent): \$/ac	30.00		
interest rate		.14	
hauling \$/ton	6.00		

SAMPLE COSTS TO PRODUCE DAIRY SILAGE
SONOMA COUNTY - 1985

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GROSS INCOME
  Dairy Silage          38.00      ton  12.00    456.00
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Total Gross Income:    456.00
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ACTIVITY                UNIT COST      UNIT      AMT PER ACRE COSTS PER TON
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Preharvest costs

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Plowing (1X):          13.41      acre   1.00    13.41
  9x14" plow & HD11-B @ 3.5 ac/hr & 6 gal/hr
Discing (1X):          6.70      acre   1.00    6.70
  18' with 24" blades
Spike harrow (1X):    6.70      acre   1.00    6.70
Drag & roll (1X):     .00      acre   1.00    .00
Planting:
  seed:                .17                14.20    2.41
  seed:                .11      lb  100.00  10.80
  drilling             4.00      hr   1.00    4.00
Fertilizing:
  Urea:                .10      lb  150.00  15.00
  Application:        4.00      acre   1.00    4.00
Broadleaf herbicide:
  2-4 D Amine         .00      acre   1.00    .00
  custom air application .00      acre   1.00    .00
Interest on operating capital:
  (preharvest costs * interest rate): 8.82
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TOTAL PREHARVEST COSTS                                71.85    5.99
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Harvest costs

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Harvest and Pack      6.00      ton  12.00    72.00
Additives             3.26                                39.12
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Transportation costs  6.00                                72.00
  Hauling
SHRINKAGE 15%        5.70                                68.40
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TOTAL HARVEST COSTS, SHRINKAGE, TRANSPORTATION      251.52    20.96
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Overhead costs

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General Overhead Costs 20.00      acre   1.00    20.00
Land costs             30.00      acre   1.00    30.00
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TOTAL OVERHEAD COSTS                                50.00    4.17
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TOTAL PRODUCTION COSTS                                373.37    31.11
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NET RETURNS                                82.63    6.89
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