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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Mendocino County

1995-1998

DAVE BENGSTON
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES



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**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

ANN VENEMAN, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

and

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

The total gross agricultural value for commodities produced in 1995 was **\$268,430,600**. This being a new county record, is an increase of \$32,639,100. over the 1994 value. The increase is due primarily to forest products and wine grapes. The leading category was forest products with a value of **\$179,211,000**. Agricultural production excluding timber was **\$89,219,600.**, which was also a new county record.

Grapes, the second leading crop, also set a new county record with a value of **\$48,723,100**. The production was very good at 55,179 tons, but it was the price per ton at \$883 which set the record. This represented an average increase of 21% over 1994.

Record production values were also set in the categories of livestock & poultry products and field crops.

This crop report represents only the gross value to the growers. It does not reflect any net income or costs of production, including packing house charges.

I would like to express my sincere gratitude to all the people without whose help this report would not be possible. They include all the growers, packers, processors, my own staff, the U.C. Cooperative Extension Service and other government agencies.

Respectfully submitted,

Dave Bengston
Agricultural Commissioner/Sealer

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE**

**DAVE BENGSTON
Agricultural Commissioner
Sealer of Weights and Measures**

ANNUAL CROP REPORT FOR YEAR 1995

STAFF

STEVEN HAJIK.....Assistant Agricultural Commissioner
Assistant Sealer of Weights & Measures

K.F. FARNSWORTH, II.....Agricultural Inspector
Deputy Sealer of Weights & Measures

JAMES XEROGEANES.....Agricultural Biologist II

JOYCE SARBER.....Department Secretary

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SEASONAL INSPECTORS:

DEBRA ATTAWAY, RICHARD SARBER
CURT NORGDARD

BOARD OF SUPERVISORS

SEIJI SUGAWARA.....District 1

FRANK McMICHAEL.....District 2

JOHN PINCHES.....District 3

LIZ HENRY, CHAIR.....District 4

CHARLES PETERSON.....District 5

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	PER ACRE	PRODUCTION IN TONS	\$ PER TON	VALUE
APPLES, TOTAL	1995	689	5.7	3,900.0	295	\$ 1,150,500
	1994	693	12.0	8,344.0	245	\$ 2,043,100
Fresh	1995			1,300.0	565	\$,734,500
	1994			2,753.0	533	\$ 1,467,300
Other (Dried, Juice, etc)	1995			2,600.0	160	\$ 416,000
	1994			5,590.0	103	\$ 575,800
GRAPES, TOTAL WINE	1995	11,745	4.7	55,179.1	883	\$48,723,100
	1994	12,335	3.6	44,582.3	731	\$32,600,800
White varieties	1995	5,853	4.9	28,575.6		
	1994	6,488	3.8	24,943.9		
Red varieties	1995	5,892	4.5	26,603.5		
	1994	5,847	3.4	19,638.4		
PEARS, TOTAL	1995	2,965	15.2	45,173.0	294	\$13,268,600
	1994	2,982	23.6	70,236.0	219	\$15,308,900
Bartlett ¹	1995	2,698	15.8	42,500.0	278	\$11,834,600
	1994	2,696	24.3	65,418.0	213	\$13,920,400
Canning	1995			22,774.0	220	\$ 5,010,300
	1994			32,263.0	216	\$ 6,968,800
Fresh ¹	1995			14,847.0	435	\$ 6,458,400
	1994			22,534.0	292	\$ 6,579,900
Other (Ferment, dried, paste)	1995			4,879.0	75	\$ 365,900
	1994			10,621.0	35	\$ 371,700
Bosc ¹	1995	117	8.1	948.0	585	\$ 545,600
	1994	118	14.2	1,680.0	296	\$ 497,300
Red ¹	1995	150	11.5	1,725.0	515	\$ 888,400
	1994	168	18.7	3,138.0	284	\$ 891,200
MISC. ²	1995	231				\$ 800,000
	1994*	243				\$ 876,800
TOTALS	1995	15,630				\$63,942,200
	1994	16,253				\$50,829,600

1 The fresh values listed for pears are F.O.B. values. The actual average price per ton received by the growers for 1995 were: Bartlett \$198, Bosc \$285, and Reds \$202.

2 Miscellaneous includes berries, cherries, chestnuts, other pears, peaches, persimmons, pistachios, prunes and walnuts.

* 1994 Revised

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	693	0	693
WINE GRAPES, TOTAL	12,341	814	13,155
Red	5,847	376	6,223
White	6,488	436	6,924
Rootstock	6	2	8
PEARS, TOTAL	3,041	6	3,047
Bartlett	2,696	4	2,700
Red	168	0	168
Bosc	118	2	120
Other	59	0	59
PRUNES	37	0	37
WALNUTS, ENGLISH	50	0	50
MISCELLANEOUS ¹	91	4	95
TOTALS	16,253	824	17,077

¹ Miscellaneous includes: berries, black walnuts, cherries, chestnuts, feijoas, kiwis, peaches, persimmons, pistachios, plums and table grapes.

LIVESTOCK INVENTORIES

COMMODITY	1994	1995
All Cattle and Calves	27,000*	25,000
Beef Cows and Heifers, 2 years and older	14,000*	14,700
Milk Cows	1,500	1,500
Sheep and Lambs, all	15,000	16,000
Swine*	1,800*	1,700

* 1994 Revised

All livestock inventories are as of January 1st except swine, which is December 1st of the preceding year.

LIVESTOCK PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>NO. OF HEAD</u>	<u>TOTAL CWT+ LIVE WT.</u>	<u>\$ PER UNIT</u>	<u>\$ VALUE</u>
Cattle and calves	1995	11,926	95,408	\$51.70	\$ 4,932,600
	1994	14,678	117,424	\$61.14	\$ 7,178,900
Sheep and lambs	1995	11,254	10,022	\$61.24	\$ 613,700
	1994	9,561	8,159	\$57.26	\$ 467,200
Swine	1995	2,241	2,941	\$39.70	\$ 116,800
	1994	2,476	3,188	\$46.70	\$ 148,900
Miscellaneous*	1995				\$ 660,000
	1994				\$ 660,000
TOTALS	1995				\$ 6,323,100
	1994				\$ 8,455,000

+ CWT=100 lbs

* Miscellaneous includes horses, poultry, rabbits, and aquaculture (fish farms).

LIVESTOCK AND POULTRY PRODUCTS

<u>COMMODITY</u>	<u>YEAR</u>	<u>PRODUCTION IN LBS.</u>	<u>PER UNIT</u>	<u>\$ VALUE</u>
Milk	1995	224,939 cwt.	\$12.43	\$2,797,000
	1994	194,104 cwt.	\$12.44	\$2,414,700
Wool	1995	152,465 lb.	\$ 0.92	\$ 140,300
	1994	142,961 lb.	\$ 0.65	\$ 92,900
Miscellaneous*	1995			\$2,577,000
	1994			\$2,642,000
TOTALS	1995			\$5,514,300
	1994			\$5,149,600

* Miscellaneous includes apiary, chinchillas, eggs, cheese, and manure.

NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	1995	312,100	94	\$2,199,200
	1994	311,114	105	\$1,918,900
Christmas trees	1995	NA	214	\$ 310,800
	1994	NA	242	\$ 377,500
TOTALS	1995	312,100	308	\$2,510,000
	1994	311,114	347	\$2,296,400

* Includes turf and cut flowers

VEGETABLE CROPS

COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous* vegetables	1995	465	\$1,383,600
	1994	500	\$1,622,000

* Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUE
Irrigated pasture	1995	6,250	8.25 AUM	51,563	\$18.50	\$ 953,900
	1994	6,250	8.00 AUM	50,000	\$18.50	\$ 925,000
Pasture, Other (grassland, coast bench)	1995	365,000	.75 AUM	273,750	\$11.00	\$3,011,250
	1994	365,000	.65 AUM	237,250	\$11.00	\$2,609,800
Range	1995	355,000	.50 AUM	177,500	\$ 7.50	\$1,331,250
	1994	355,000	.45 AUM	159,750	\$ 7.50	\$1,198,100
Miscellaneous**	1995					\$4,250,000
	1994					\$4,000,000
TOTALS	1995					\$9,546,400
	1994					\$8,732,900

* AUM means Annual Unit Month (Food required to feed a 1,000 pound steer for one month.)

** Miscellaneous includes alfalfa, barley, beans, corn, oats and hay.

FOREST PRODUCTS

TIMBER:	1995	1994
Log Production (board feet) ¹	211,583,000	227,422,000
Total Stumpage Value, net ²	\$ 88,251,000	\$124,706,000
Total Value at Mill, gross ³	\$179,211,000	\$158,706,000

¹ Data supplied from State Board of Equalization, Timber Tax Division.

² Stumpage value is the raw product value of a tree prior to actual harvest. Data from State Board of Equalization.

³ Includes logging and hauling costs. Data based on information from Gregory A Giusti, U.C. Cooperative Extension.

10 YEAR COMPARISON (LOG PRODUCTION)

YEAR	Log Production¹ (Board Feet)	Value at Mill² (Gross)
1986	420,844,000	\$105,211,000
1987	462,628,000	\$115,657,000
1988	474,293,000	\$118,573,000
1989	515,300,000	\$158,712,000
1990	422,700,000	\$149,213,000
1991	275,300,000	\$105,990,000
1992	250,900,000	\$127,959,000
1993	254,900,000	\$174,063,000
1994	227,422,000	\$158,706,000
1995	211,583,000	\$179,211,000

SUSTAINABLE AGRICULTURE IN 1995 ORGANIC FARMS

NUMBER OF FARMS	CROPS	ACRES
97	Miscellaneous vegetables	123
23	Apples	293
35	Wine grapes	2,604
5	Pears	167
24	Miscellaneous Fruit & Nut	78
TOTAL 184*		TOTAL 3,265

(*Total does not add up due to overlapping crops)

BIOLOGICAL CONTROL

BIO-CONTROL AGENT	SCOPE OF PROGRAM
Bull Thistle Gall Fly	2 sites
Canada Thistle Flea Beetle	Generally distributed
Gorse Weevil	Generally distributed
Gorse Spider Mite	10 sites
Italian Thistle Seed Head Weevil	Widely distributed
Klamath Weed Beetles	Widely distributed
Klamath Weed Root Borers	Widely distributed
Puncture Vine Seed Weevil	Generally distributed
Puncture Vine Stem Weevil	Generally distributed
Tansy Ragwort Cinnabar Moth	Widely distributed
Tansy Ragwort Flea Beetle	Widely distributed
Yellow Star Thistle Seed Head Weevil	Widely distributed
Yellow Star Thistle Gall Forming Fly	Widely distributed
Yellow Star Thistle Hairy Weevil	3 sites
Ash Whitefly Stingless Wasp	Generally distributed

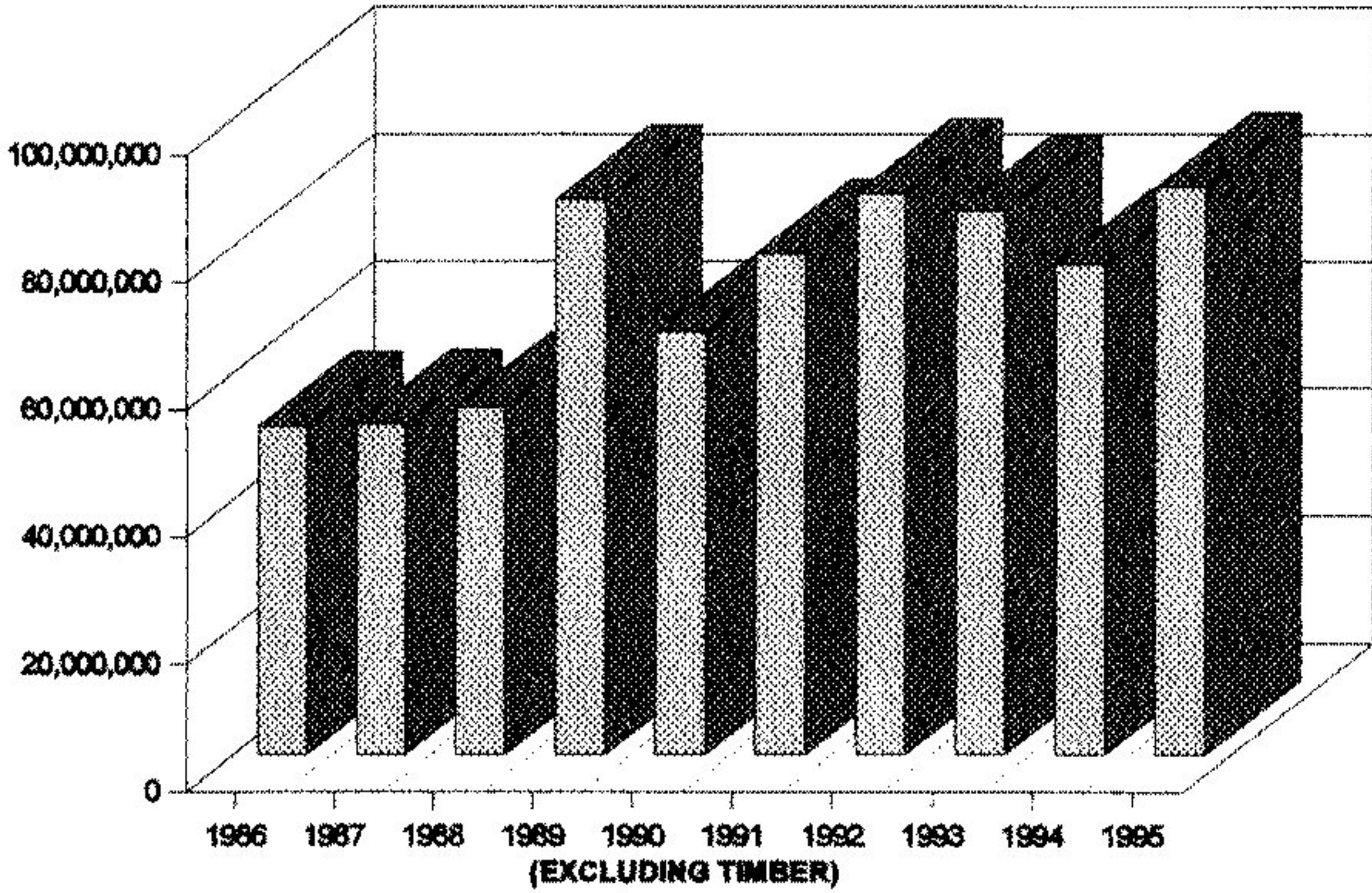
PEST EXCLUSION

3,627 packages inspected

PROBLEM	TYPE OF SHIPMENT	NO. REJECTED
Miscellaneous pests	Parcel Post	7

VALUE OF MENDOCINO COUNTY AGRICULTURE

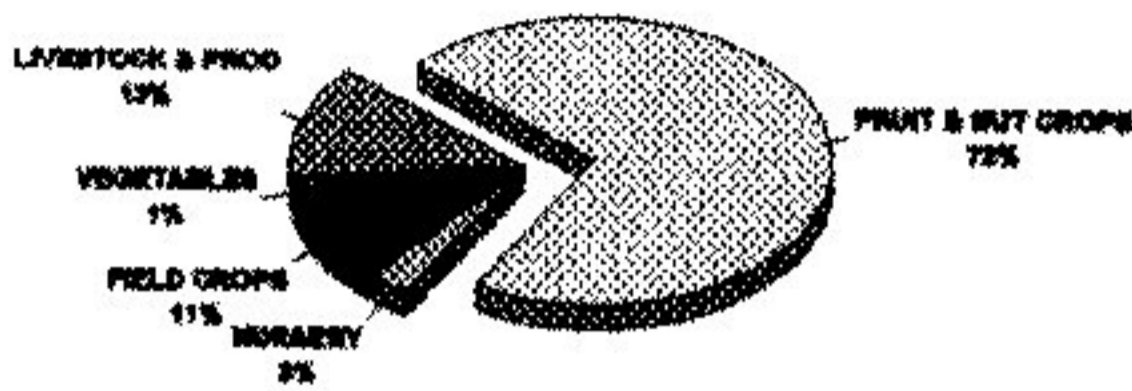
1986-1995



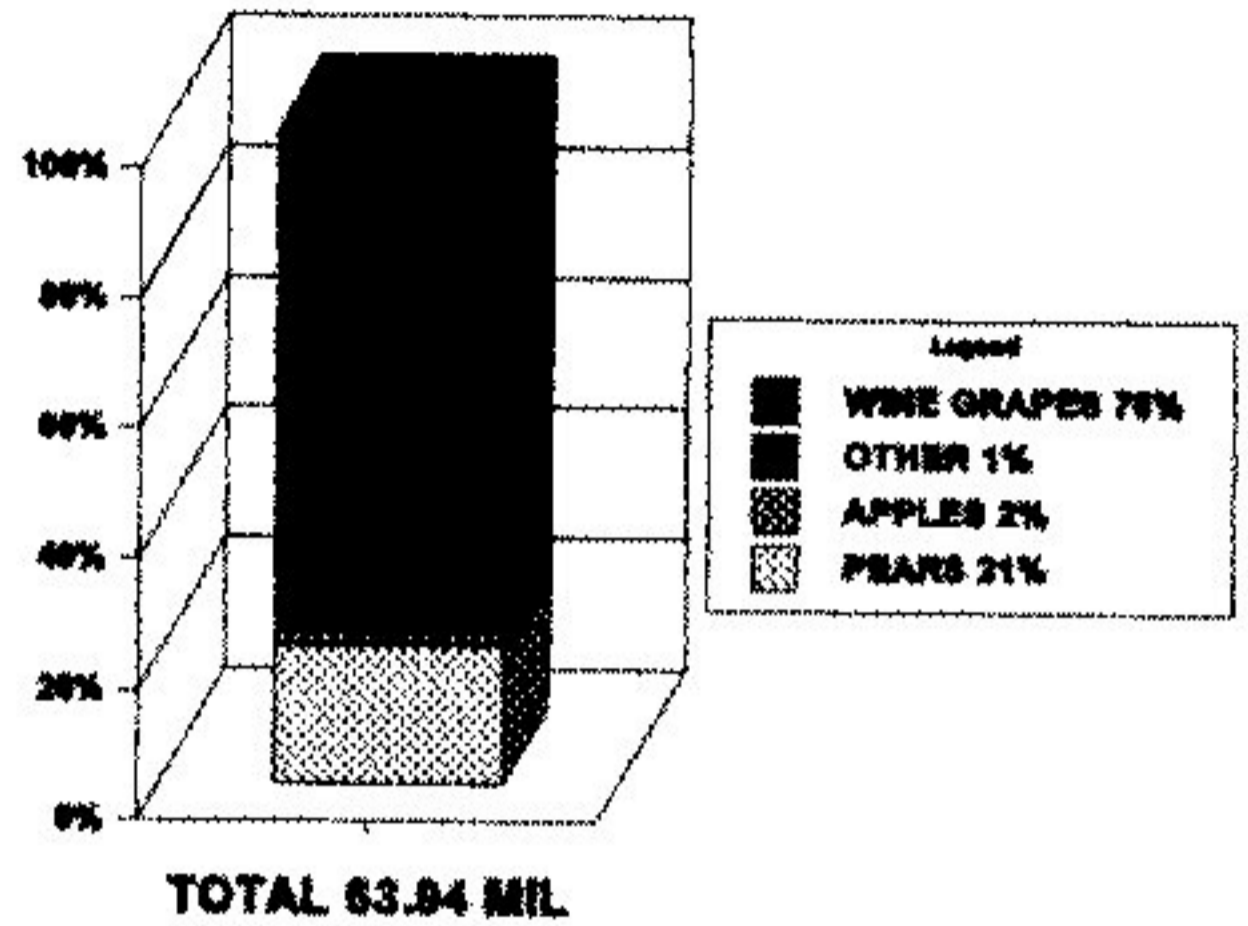
1995 MILLION DOLLAR CROPS

- 1. TIMBER..... \$179,211,000
- 2. WINEGRAPES..... \$48,723,100
- 3. BARTLETT PEARS..... \$11,834,600
- 4. CATTLE & CALVES..... \$4,932,600
- 5. PASTURE..... \$3,011,250
- 6. MILK..... \$2,797,000
- 7. NURSERY..... \$2,510,000
- 8. RANGE..... \$1,331,250
- 9. APPLES... \$1,150,500

SHARES OF AGRICULTURAL VALUE MENDOCINO COUNTY, 1995



TOTAL 89.22 MILLION



SUMMARY OF PRODUCTION

<u>COMMODITY</u>	<u>1994</u>	<u>1995</u>
FRUITS AND NUTS	\$ 50,829,600	\$ 63,942,200
LIVESTOCK PRODUCTION	\$ 8,455,000	\$ 6,323,100
LIVESTOCK AND POULTRY PRODUCTS	\$ 5,149,600	\$ 5,514,300
NURSERY PRODUCTION	\$ 2,296,400	\$ 2,510,000
VEGETABLE CROPS	\$ 1,622,000	\$ 1,383,600
FIELD CROPS	\$ 8,732,900	\$ 9,546,400
FOREST PRODUCTS	<u>\$ 158,706,000</u>	<u>\$ 179,211,000</u>
TOTALS	\$ 235,791,500	\$ 268,430,600

SUPPLEMENT TO CROP REPORT COMMERCIAL FISH CATCH

COMMODITY (TOP 10 LISTED BY VALUE)	YEAR	TOTAL LBS	TOTAL VAL
URCHIN, RED	1995	3,830,364	\$ 3,484,548
	1994	4,217,571	\$ 4,134,521
SABLEFISH	1995	1,398,511	\$ 1,826,039
	1994	875,210	\$ 657,190
CRAB, DUNGENESS	1995	747,399	\$ 1,424,614
	1994	413,648	\$ 581,107
THORNYHEAD, LONGPINE	1995	1,166,065	\$ 1,195,839
	1994	*(1,403,223)	*(1,117,157)
SOLE, DOVER	1995	2,486,962	\$ 815,642
	1994	1,569,992	\$ 478,227
ROCKFISH, UNSPECIFIED	1995	626,618	\$ 626,618
	1994	1,312,748	\$ 468,791
THORNYHEAD, SHORTPINE	1995	316,453	\$ 395,810
	1994	*(1,403,223)	*(1,117,157)
SWORDFISH	1995	66,579	\$ 261,920
	1994	28,022	\$ 109,076
SALMON, CHINOOK	1995	124,148	\$ 218,892
	1994	74,479	\$ 170,999
ROCKFISH, WIDOW	1995	524,001	\$ 176,864
	1994	177,566	\$ 60,552
MISCELLANEOUS	1995	1,680,480	\$ 874,773
	1994	2,269,245	\$ 902,553
TOTALS	1995	12,967,580	\$ 11,301,559
	1994	12,974,884	\$ 9,158,269

*1994 Thornyhead was not seperated

COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARSION

<u>YEAR</u>	<u>POUNDS</u>	<u>VALUE</u>
1986	21,547,500	\$ 9,162,000
1987	31,810,500	\$16,545,000
1988	38,533,500	\$22,348,000
1989	33,227,000	\$12,704,000
1990	23,494,500	\$10,917,000
1991	21,031,500	\$13,842,500
1992	15,697,000	\$10,158,500
1993	12,111,500	\$ 8,142,000
1994	12,975,000	\$ 9,158,500
1995	12,967,500	\$11,301,500

Source-State of California Department of Fish and Game
All figures are rounded

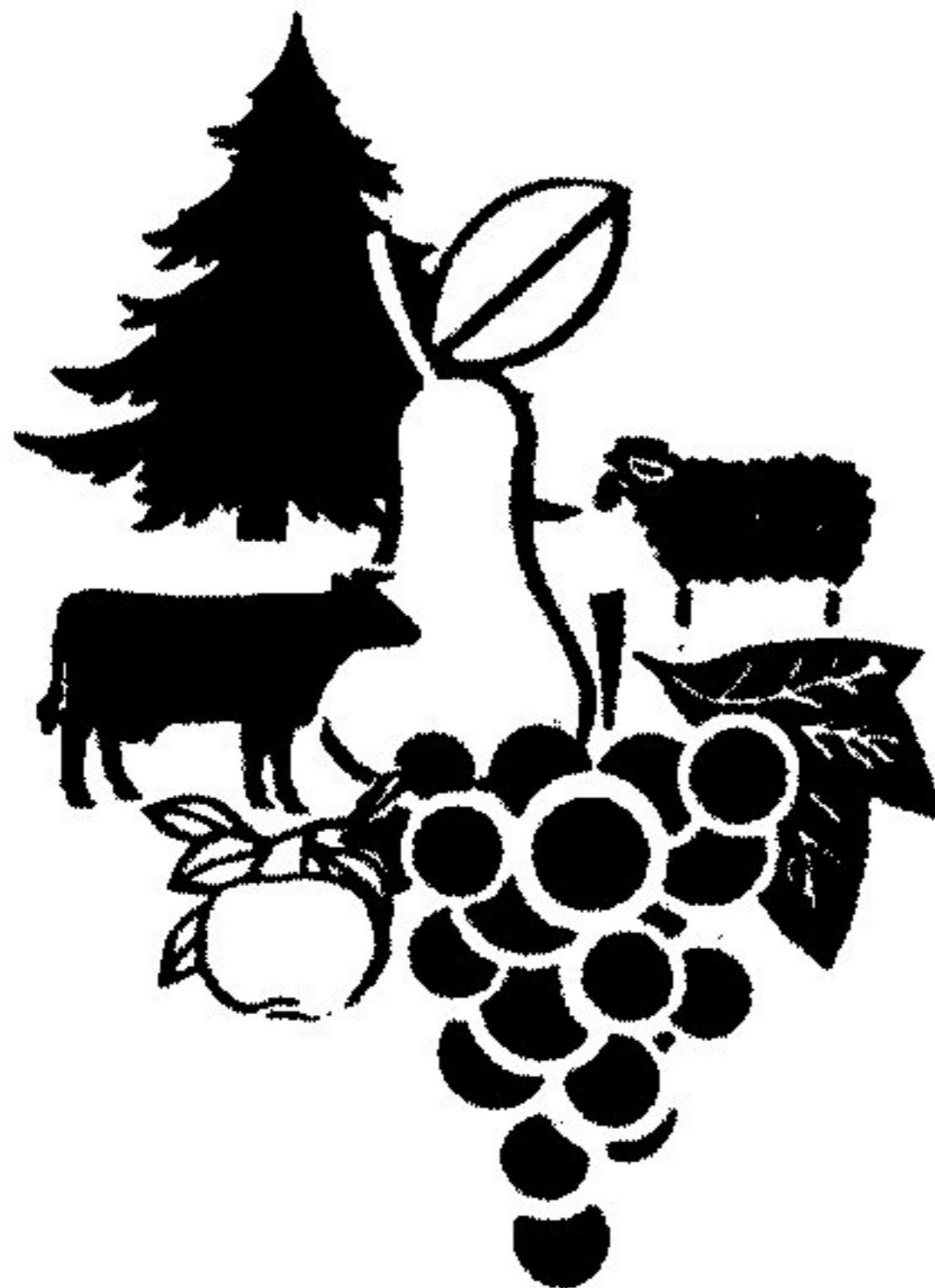
**UKIAH 107 YEAR RAINFALL DATA
(FROM UKIAH FIRE DEPARTMENT RECORDS)**

SEASON	TOTAL	SEASON	TOTAL	SEASON	TOTAL
1888-89	30.82	1925-26	26.33	1962-63	44.45
1889-90	60.48	1926-27	47.32	1963-64	24.96
1890-91	24.50	1927-28	34.94	1964-65	50.84
1891-92	29.49	1928-29	24.44	1965-66	35.46
1892-93	43.53	1929-30	31.08	1966-67	43.16
1893-94	47.93	1930-31	20.06	1967-68	32.95
1894-95	52.55	1931-32	27.67	1968-69	51.28
1895-96	40.85	1932-33	24.71	1969-70	48.71
1896-97	43.34	1933-34	25.21	1970-71	38.31
1897-98	19.83	1934-35	33.05	1971-72	25.61
1898-99	27.60	1935-36	37.83	1972-73	42.09
1899-00	33.69	1936-37	29.24	1973-74	57.09
1900-01	37.09	1937-38	55.13	1974-75	38.60
1901-02	45.07	1938-39	22.86	1975-76	18.75
1902-03	34.55	1939-40	41.01	1976-77	14.20
1903-04	54.73	1940-41	56.92	1977-78	53.66
1904-05	42.93	1941-42	48.21	1978-79	30.23
1905-06	44.75	1942-43	40.41	1979-80	44.79
1906-07	48.64	1943-44	26.19	1980-81	26.82
1907-08	29.67	1944-45	31.74	1981-82	55.82
1908-09	57.39	1945-46	36.11	1982-83	70.19
1909-10	29.89	1946-47	25.90	1983-84	43.76
1910-11	32.99	1947-48	32.93	1984-85	27.40
1911-12	25.73	1948-49	27.53	1985-86	48.68
1912-13	33.40	1949-50	29.75	1986-87	25.25
1913-14	54.85	1950-51	42.28	1987-88	30.22
1914-15	49.28	1951-52	47.74	1988-89	31.48
1915-16	34.80	1952-53	45.06	1989-90	26.91
1916-17	30.23	1953-54	35.74	1990-91	26.00
1917-18	23.43	1954-55	25.63	1991-92	31.38
1918-19	37.23	1955-56	51.09	1992-93	50.49
1919-20	19.05	1956-57	32.36	1993-94	23.73
1920-21	47.94	1957-58	58.87	1994-95	58.88
1921-22	28.74	1958-59	26.42		
1922-23	30.35	1959-60	32.60		
1923-24	16.19	1960-61	34.89		
1924-25	47.44	1961-62	31.46		

**** ALL COMMODITIES ** ALL COMMODITIES ****

TEN YEAR VALUE COMPARISON

YEAR	FRUIT & NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG. CROPS	FIELD CROPS	TOTALS
1986	34,246,700	6,685,600	1,850,600	2,327,000	765,000	5,619,500	51,494,400
1987	32,776,400	7,985,500	1,921,000	2,485,000	830,000	5,865,300	51,863,200
1988	35,671,600	7,547,400	2,034,000	2,523,600	950,000	5,930,100	54,656,700
1989	65,842,200	8,855,300	2,385,000	2,638,000	980,000	6,561,300	87,261,800
1990	46,348,400	8,929,000	2,318,100	2,168,200	1,052,400	5,642,700	66,458,800
1991	57,324,900	8,575,000	2,141,900	2,324,100	1,067,300	7,217,300	78,650,500
1992	65,512,700	6,561,900	3,899,700	2,595,800	1,284,800	8,337,900	88,192,800
1993	59,805,400	10,476,900	3,199,000	2,122,800	1,236,700	8,657,900	85,498,700
1994	50,829,600	8,455,000	5,149,600	2,296,400	1,622,000	8,732,900	77,085,500
1995	63,942,200	6,323,100	5,514,300	2,510,000	1,383,600	9,546,400	89,219,600





**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

**ANN VENEMAN, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

and

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

The total gross agricultural value for commodities produced in Mendocino County in 1996 was **\$269,090,300**. Agricultural production excluding timber was \$108,973,300, a new county record, and 22% above the 1995 value.

Total pear value set a new record at \$24,816,100, which was an 87% increase or \$11,547,500 over the 1995 value. Bartlett pear value was a record \$21,185,900. Previously, the value had never exceeded \$17 million.

The second leading crop was grapes which set a new record value at \$51,696,300, and a new price record of \$1,174 per ton which was 33% above the grape price in 1995.

Record production values were also set in the categories of: fruit and nut crops, livestock & poultry products, nursery production and field crops.

This crop report represents only the gross value to the growers. It does not reflect any net income or costs of production, including packing house charges.

I would like to express my deepest appreciation to all the people who made this report possible. They include all the growers, packers, processors, my staff, the U.C. Cooperative Extension and other government agencies.

Respectfully submitted,

Dave Bengston
Agricultural Commissioner/Sealer

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE**

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Sealer of Weights and Measures

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RICHARD SHOEMAKER.....District 2

JOHN PINCHES.....District 3

PATTI CAMPBELL.....District 4

CHARLES PETERSON, CHAIR.....District 5

FRUIT AND NUT CROPS

<u>COMMODITY</u>	<u>YEAR</u>	<u>BEARING ACREAGE</u>	<u>PER ACRE</u>	<u>PRODUCTION IN TONS</u>	<u>\$ PER TON</u>	<u>VALUE</u>	
APPLES, TOTAL	1996	600	13.2	7,944.0	334	\$ 2,651,700	
	1995	689	5.7	3,900.0	295	\$1,150,500	
	Fresh	1996			3,019.0	619	\$ 1,868,600
		1995			1,300.0	565	\$ 734,500
	Other (Dried, Juice, etc)	1996			4,925.0	159	\$ 783,100
		1995			2,600.0	160	\$ 416,000
GRAPES, TOTAL	1996	11,739	3.8	44,023.0	1174	\$51,696,300	
	WINE	1995	11,745	4.7	55,179.1	883	\$48,723,100
	White varieties	1996	5,731	3.6	20,677.0		
		1995	5,853	4.9	28,575.6		
	Red varieties	1996	6,008	3.9	23,346.5		
		1995	5,892	4.5	26,603.5		
PEARS, TOTAL	1996	2,920	23.3	68,104.0	341	\$24,816,100	
	1995	2,965	15.2	45,173.0	294	\$13,268,600	
	Bartlett ¹	1996	2,651	24.0	63,505.0	311	\$21,185,900
		1995	2,698	15.8	42,500.0	278	\$11,834,600
	Canning	1996			36,432.0	227	\$ 8,270,000
		1995			22,774.0	220	\$ 5,010,300
	Fresh ¹	1996			17,642.0	684	\$12,067,100
		1995			14,847.0	435	\$ 6,458,400
	Other (Ferment, dried, paste)	1996			9,431.0	90	\$ 848,800
		1995			4,879.0	75	\$ 365,900
	Bosc ¹	1996	119	17.9	2130.0	719	\$ 1,531,500
		1995	117	8.1	948.0	585	\$ 545,600
Red ¹	1996	150	16.5	2,469.0	850	\$ 2,098,700	
	1995	150	11.5	1,725.0	515	\$ 888,400	
MISC.²	1996	208				\$ 960,000	
	1995	231				\$ 800,000	
TOTALS	1996	15,467				\$80,124,100	
	1995	15,630				\$63,942,200	

1 The fresh values listed for pears are F.O.B. values. The actual average price per ton received by the growers for 1996 were: Bartlett \$245, Bosc \$303, and Reds \$232.

2 Miscellaneous includes berries, cherries, chestnuts, other pears, peaches, persimmons, pistachios and walnuts.

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	600	30	630
WINE GRAPES, TOTAL	11,741	1414	13,155
Red	6,008	957	6,965
White	5,731	455	6,186
Rootstock	2	2	4
PEARS, TOTAL	2,989	4	2,993
Bartlett	2,651	4	2,655
Red	150	0	150
Bosc	119	0	119
Other	69	0	69
WALNUTS, ENGLISH	50	0	50
MISCELLANEOUS ¹	158	4	162
TOTALS	15,538	1,452	16,990

¹ Miscellaneous includes: berries, black walnuts, cherries, chestnuts, guava, kiwis, peaches, persimmons, pistachios, plums and table grapes.

LIVESTOCK INVENTORIES

COMMODITY	1995	1996
All Cattle and Calves	25,000	24,500
Beef Cows and Heifers, 2 years and older	14,700	14,000
Milk Cows	1,500	1,500
Sheep and Lambs, all	16,000	16,000
Swine	1,700	1,700

LIVESTOCK PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>NO. OF HEAD</u>	<u>TOTAL CWT+ LIVE WT.</u>	<u>\$ PER UNIT</u>	<u>\$ VALUE</u>
Cattle and calves	1996	12,300	98,500	\$57.00	\$ 5,614,500
	1995	11,926	95,408	\$51.70	\$ 4,932,600
Sheep and lambs	1996	11,250	10,018	\$70.00	\$ 701,300
	1995	11,254	10,022	\$61.24	\$ 613,700
Swine	1996	2,240	2,935	\$52.00	\$ 152,600
	1995	2,241	2,941	\$39.70	\$ 116,800
Miscellaneous*	1996				\$ 680,000
	1995				\$ 660,000
TOTALS	1996				\$ 7,148,400
	1995				\$ 6,323,100

+ CWT=100 lbs

* Miscellaneous includes horses, pigeons, poultry, rabbits, turkeys and aquiculture (fish farms).

LIVESTOCK AND POULTRY PRODUCTS

<u>COMMODITY</u>	<u>YEAR</u>	<u>PRODUCTION IN LBS.</u>	<u>PER UNIT</u>	<u>\$ VALUE</u>
Milk	1996	246,110 cwt.	\$16.00	\$3,937,800
	1995	224,939 cwt.	\$12.43	\$2,797,000
Wool	1996	152,500 lb.	\$ 1.09	\$ 166,200
	1995	152,465 lb.	\$ 0.92	\$ 140,300
Miscellaneous*	1996			\$2,600,000
	1995			\$2,577,000
TOTALS	1996			\$6,704,000
	1995			\$5,514,300

* Miscellaneous includes apiary, chinchillas, eggs, emus, cheese, manure and ostriches.

NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	1996	308,700	104	\$2,812,700
	1995	312,100	94	\$2,199,200
Christmas trees	1996	NA	205	\$ 279,300
	1995	NA	214	\$ 310,800
TOTALS 1996		308,700	309	\$3,092,000
1995		312,100	308	\$2,510,000

* Includes turf and cut flowers

VEGETABLE CROPS

COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous* vegetables	1996	480	\$1,512,800
	1995	465	\$1,383,600

* Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUE
Irrigated pasture	1996	6,250	9.00 AUM*	56,250	\$18.50	\$ 1,040,600
	1995	6,250	8.25 AUM	51,563	\$18.50	\$ 953,900
Pasture, Other (grassland, coast bench)	1996	365,000	.80 AUM	292,000	\$11.00	\$ 3,212,000
	1995	365,000	.75 AUM	273,750	\$11.00	\$ 3,011,250
Range	1996	355,000	.54 AUM	192,250	\$ 7.60	\$ 1,464,400
	1995	355,000	.50 AUM	177,500	\$ 7.50	\$ 1,331,250
Miscellaneous**	1996					\$ 4,675,000
	1995					\$ 4,250,000
TOTALS 1996						\$10,392,000
1995						\$ 9,546,400

* AUM means Annual Unit Month (Food required to feed a 1,000 pound steer for one month.)

** Miscellaneous includes alfalfa, barley, beans, corn, oats and hay.

FOREST PRODUCTS

TIMBER:	1995	1996
Log Production (board feet) ¹	\$ 211,583,000	\$ 275,589,000
Total Stumpage Value, net ²	\$ 88,251,000	\$ 118,831,000
Total Value at Mill, gross ³	\$ 179,211,000	\$ 160,117,000

¹ Data supplied from State Board of Equalization, Timber Tax Division.

² Stumpage value is the raw product value of a tree prior to actual harvest. Data from State Board of Equalization.

³ Includes logging and hauling costs. Data based on information from Gregory A Giusti, U.C. Cooperative Extension.

10 YEAR COMPARISON (LOG PRODUCTION)

YEAR	Log Production ¹ (Board Feet)	Value at Mill ³ (Gross)
1987	462,628,000	\$115,657,000
1988	474,293,000	\$118,573,000
1989	515,300,000	\$158,712,000
1990	422,700,000	\$149,213,000
1991	275,300,000	\$105,990,000
1992	250,900,000	\$127,959,000
1993	254,900,000	\$174,063,000
1994	227,422,000	\$158,706,000
1995	211,583,000	\$179,211,000
1996	275,589,000	\$160,117,000

SUSTAINABLE AGRICULTURE IN 1996

ORGANIC FARMS

NUMBER OF FARMS	CROPS	ACRES
96	Miscellaneous vegetables	148
23	Apples	309
42	Wine grapes	2,808
4	Pears	161
33	Miscellaneous Fruit & Nut	83
1	Field Crops	224
8	Nursery	8
TOTAL	184*	TOTAL 3,741

(*Total does not add up due to overlapping crops)

BIOLOGICAL CONTROL

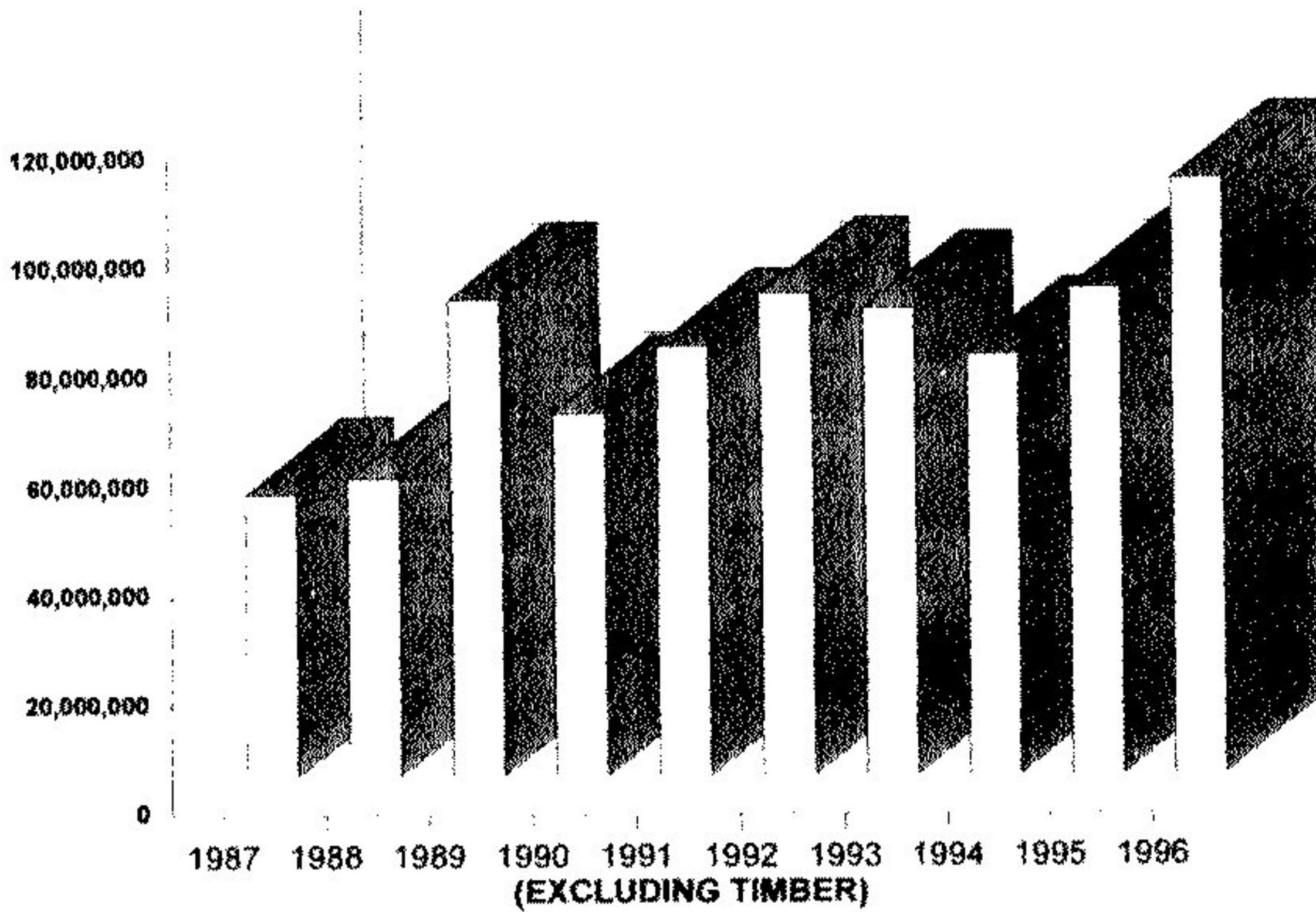
BIO-CONTROL AGENT	SCOPE OF PROGRAM
Bull Thistle Gall Fly	2 sites
Canada Thistle Flea Beetle	Generally distributed
Gorse Weevil	Generally distributed
Gorse Spider Mite	Locally Established
Italian Thistle Seed Head Weevil	Widely distributed
Klamath Weed Beetles	Widely distributed
Klamath Weed Root Borers	Widely distributed
Puncture Vine Seed Weevil	Generally distributed
Puncture Vine Stem Weevil	Generally distributed
Tansy Ragwort Cinnabar Moth	Widely distributed
Tansy Ragwort Flea Beetle	Widely distributed
Yellow Starthistle Seed Head Weevil	Widely distributed
Yellow Starthistle Gall Forming Fly	Widely distributed
Yellow Starthistle Hairy Weevil	3 sites
Ash Whitefly Stingless Wasp	Generally distributed
Peacock Fly	Locally Established

PEST EXCLUSION

3,220 packages inspected

PROBLEM	TYPE OF SHIPMENT	NO. REJECTED
Miscellaneous pests	Parcel Post	9

VALUE OF MENDOCINO COUNTY AGRICULTURE 1987-1996



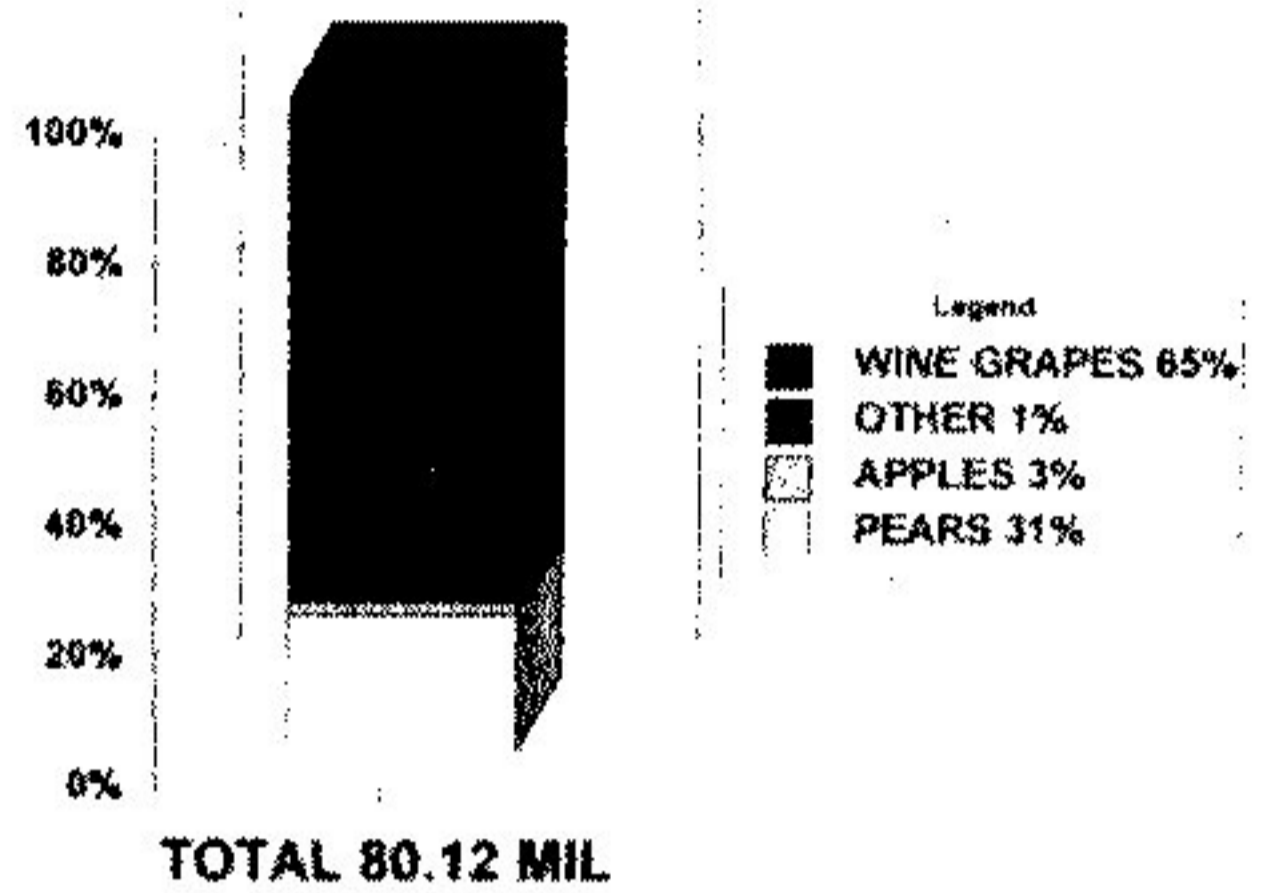
1996 MILLION DOLLAR CROPS

1. TIMBER	\$160,117,000
2. WINEGRAPES	\$51,696,300
3. BARTLETT PEARS	\$21,185,900
4. CATTLE & CALVES	\$5,614,500
5. MILK	\$3,937,800
6. PASTURE	\$3,212,000
7. NURSERY	\$3,092,000
8. APPLES	\$2,651,700
9. RED PEARS	\$2,098,700
10. BOSC PEARS	\$1,531,500
11. RANGE	\$1,464,400
12. IRRIGATED PASTURE ...	\$1,040,600

SHARES OF AGRICULTURAL VALUE MENDOCINO COUNTY, 1996



TOTAL 108.97 MILLION



SUMMARY OF PRODUCTION

COMMODITY	1995	1996
FRUITS AND NUTS	\$ 63,942,200	\$ 80,124,100
LIVESTOCK PRODUCTION	\$ 6,323,100	\$ 7,148,400
LIVESTOCK AND POULTRY PRODUCTS	\$ 5,514,300	\$ 6,704,000
NURSERY PRODUCTION	\$ 2,510,000	\$ 3,092,000
VEGETABLE CROPS	\$ 1,383,600	\$ 1,512,800
FIELD CROPS	\$ 9,546,400	\$ 10,392,000
FOREST PRODUCTS	<u>\$ 179,211,000</u>	<u>\$ 160,117,000</u>
TOTALS	\$ 268,430,600	\$ 269,090,300

SUPPLEMENT TO CROP REPORT COMMERCIAL FISH CATCH

COMMODITY (TOP 10 LISTED BY VALUE)	YEAR	TOTAL LBS.	TOTAL VAL.
URCHIN, RED	1996	3,244,703	\$ 2,469,811
	1995	3,830,364	\$ 3,484,548
SABLEFISH	1996	1,285,369	\$ 1,717,888
	1995	1,398,511	\$ 1,826,039
THORNYHEAD, LONGPINE	1996	931,213	\$ 787,102
	1995	1,166,065	\$ 1,195,839
SOLE, DOVER	1996	2,493,238	\$ 745,351
	1995	2,486,962	\$ 815,642
SHRIMP, PACIFIC OCEAN *(Swordfish)	1996	760,168	\$ 456,393
	1995	66,579	\$ 261,920
CRAB, DUNGENESS	1996	305,218	\$ 442,373
	1995	747,399	\$ 1,424,614
ROCKFISH, UNSPECIFIED	1996	432,536	\$ 432,536
	1995	626,618	\$ 626,618
SALMON, CHINOOK	1996	240,667	\$ 365,151
	1995	124,148	\$ 218,892
THORNYHEAD, SHORTSPINE	1996	266,111	\$ 280,276
	1995	316,453	\$ 395,810
ROCKFISH, WIDOW	1996	342,051	\$ 176,856
	1995	524,001	\$ 176,864
MISCELLANEOUS	1996	2,070,069	\$ 1,195,800
	1995	1,680,480	\$ 874,773
TOTALS	1996	12,371,343	\$ 9,069,537
	1995	12,967,580	\$ 11,301,559

*Pacific Ocean Shrimp made top 10 in 1996, Swordfish made top 10 in 1995

COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

<u>YEAR</u>	<u>POUNDS</u>	<u>VALUE</u>
1987	31,810,500	\$16,545,000
1988	38,533,500	\$22,348,000
1989	33,227,000	\$12,704,000
1990	23,494,500	\$10,917,000
1991	21,031,500	\$13,842,500
1992	15,697,000	\$10,158,500
1993	12,111,500	\$ 8,142,000
1994	12,975,000	\$ 9,158,500
1995	12,967,500	\$11,301,500
1996	12,371,000	\$ 9,070,000

Source-State of California Department of Fish and Game
All figures are rounded

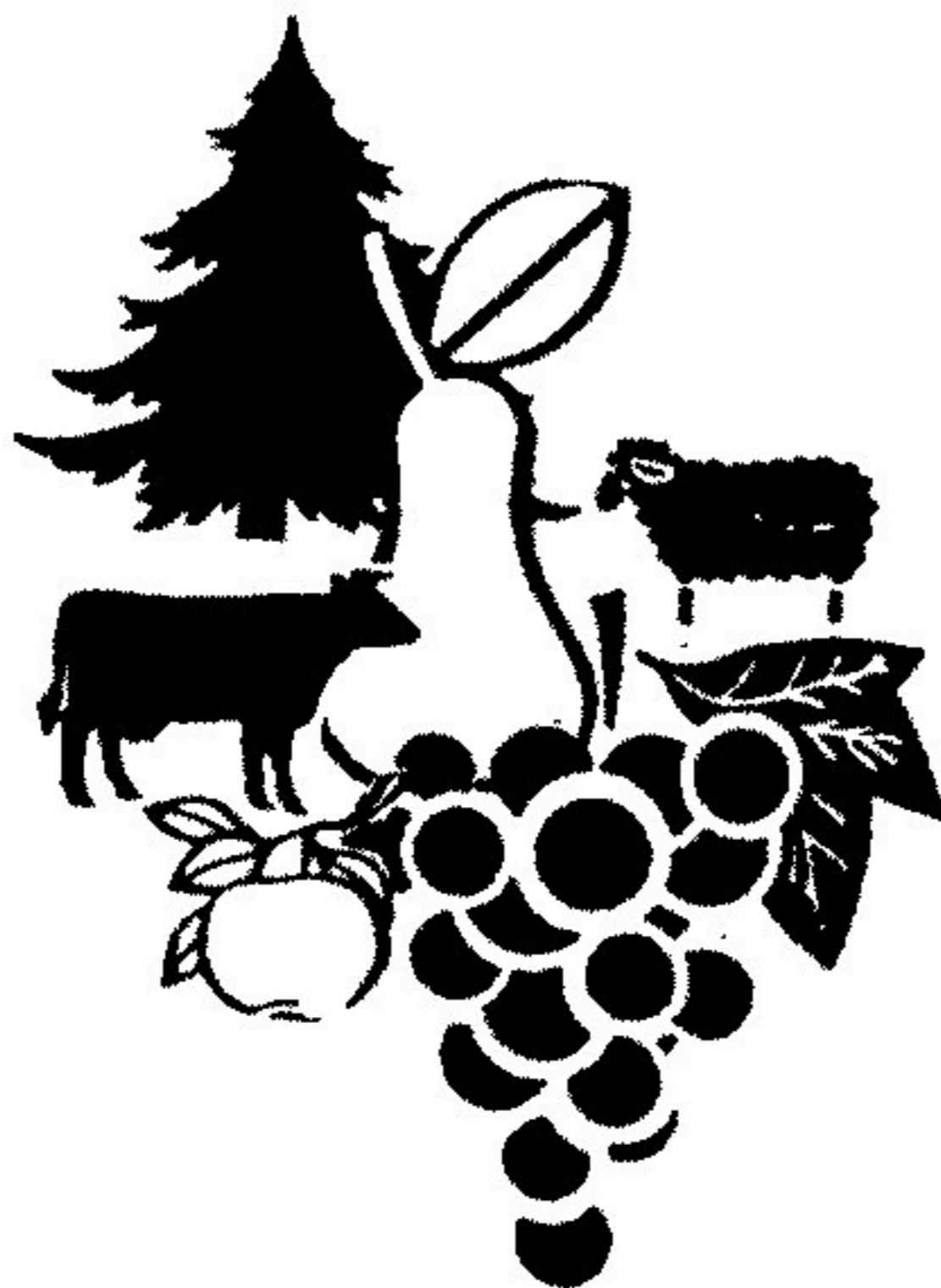
**UKIAH 107 YEAR RAINFALL DATA
(FROM UKIAH FIRE DEPARTMENT RECORDS)**

<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>
1888-89	30.82	1925-26	26.33	1962-63	44.45
1889-90	60.48	1926-27	47.32	1963-64	24.96
1890-91	24.50	1927-28	34.94	1964-65	50.84
1891-92	29.49	1928-29	24.44	1965-66	35.46
1892-93	43.53	1929-30	31.08	1966-67	43.16
1893-94	47.93	1930-31	20.06	1967-68	32.95
1894-95	52.55	1931-32	27.67	1968-69	51.28
1895-96	40.85	1932-33	24.71	1969-70	48.71
1896-97	43.34	1933-34	25.21	1970-71	38.31
1897-98	19.83	1934-35	33.05	1971-72	25.61
1898-99	27.60	1935-36	37.83	1972-73	42.09
1899-00	33.69	1936-37	29.24	1973-74	57.09
1900-01	37.09	1937-38	55.13	1974-75	38.60
1901-02	45.07	1938-39	22.86	1975-76	18.75
1902-03	34.55	1939-40	41.01	1976-77	14.20
1903-04	54.73	1940-41	56.92	1977-78	53.66
1904-05	42.93	1941-42	48.21	1978-79	30.23
1905-06	44.75	1942-43	40.41	1979-80	44.79
1906-07	48.64	1943-44	26.19	1980-81	26.82
1907-08	29.67	1944-45	31.74	1981-82	55.82
1908-09	57.39	1945-46	36.11	1982-83	70.19
1909-10	29.89	1946-47	25.90	1983-84	43.76
1910-11	32.99	1947-48	32.93	1984-85	27.40
1911-12	25.73	1948-49	27.53	1985-86	48.68
1912-13	33.40	1949-50	29.75	1986-87	25.25
1913-14	54.85	1950-51	42.28	1987-88	30.22
1914-15	49.28	1951-52	47.74	1988-89	31.48
1915-16	34.80	1952-53	45.06	1989-90	26.91
1916-17	30.23	1953-54	35.74	1990-91	26.00
1917-18	23.43	1954-55	25.63	1991-92	31.38
1918-19	37.23	1955-56	51.09	1992-93	50.49
1919-20	19.05	1956-57	32.36	1993-94	23.73
1920-21	47.94	1957-58	58.87	1994-95	58.88
1921-22	28.74	1958-59	26.42	1995-96	44.10
1922-23	30.35	1959-60	32.60		
1923-24	16.19	1960-61	34.89		
1924-25	47.44	1961-62	31.46		

**** ALL COMMODITIES ** ALL COMMODITIES ****

TEN YEAR VALUE COMPARISON

YEAR	FRUIT & NUTS	LIVESTOCK AND POULTRY PRODUCTION	POULTRY PRODUCTS	NURSERY PROD.	VEG. CROPS	FIELD CROPS	TOTALS
1988	35,671,600	7,547,400	2,034,000	2,523,600	950,000	5,930,100	54,656,700
1989	65,842,200	8,855,300	2,385,000	2,638,000	980,000	6,561,300	87,261,800
1990	46,348,400	8,929,000	2,318,100	2,168,200	1,052,400	5,642,700	66,458,800
1991	57,324,900	8,575,000	2,141,900	2,324,100	1,067,300	7,217,300	78,650,500
1992	65,512,700	6,561,900	3,899,700	2,595,800	1,284,800	8,337,900	88,192,800
1993	59,805,400	10,476,900	3,199,000	2,122,800	1,236,700	8,657,900	85,498,700
1994	50,829,600	8,455,000	5,149,600	2,296,400	1,622,000	8,732,900	77,085,500
1995	63,942,200	6,323,100	5,514,300	2,510,000	1,383,600	9,546,400	89,219,600
1996	80,124,100	7,148,400	6,704,000	3,092,000	1,512,800	10,392,000	108,973,300





**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

**ANN VENEMAN, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

and

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

The total gross agricultural value for commodities produced in 1997 was **\$275,608,500** a slight reduction from the revised 1996 figures. The leading category was forest products with a value of \$131,200,000. Agricultural production excluding timber had a record value of \$144,408,500 which far exceeds the previous record year of 1996 by 24%. This is a landmark year for the county, because this is the first time since records have been compiled in 1965 that agricultural production excluding timber has exceeded the timber value. The single greatest reason for this was due to the increase in winegrape values.

Grapes, the second leading category, again set a new county record with a value of \$89,765,000, an increase of \$30,251,000 over the revised 1996 figures due to a combination of a record production year, at 64,984 tons, and a record value per ton, of \$1381.00 per ton. This represents an increase in total value of over 50%! This also was responsible for setting a new record in the category of Fruit and Nut Crops.

Record production values were also set in the categories of: Nursery Production and Field Crops.

This crop report represents only the gross value to the growers. It does not reflect any net income or costs of production, including packing house charges.

I would like to express my sincere gratitude to all the people without whose help this report would not be possible. They include all the growers, packers, processors, my staff, the U.C. Cooperative Extension Service and other government agencies.

Respectfully submitted,

Dave Bengston
Agricultural Commissioner/Sealer

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE**

DAVE BENGSTON
Agricultural Commissioner
Sealer of Weights and Measures

ANNUAL CROP REPORT FOR YEAR 1997

STAFF

STEVE HAJIK Assistant Agricultural Commissioner
Assistant Sealer of Weights & Measures

K. F. FARNSWORTH, II (retired) Agricultural Standards Specialist III
Deputy Sealer of Weights & Measures

RAY HARRIE Agricultural Standards Specialist III

AMANDA STEPHENS Agricultural Standards Specialist II

PAMELA BOURNS Department Secretary

CARALYN GULSETH Department Clerk

SEASONAL INSPECTORS:

RICHARD SARBER, CINDY BEAVER, BETSY HARVEY

BOARD OF SUPERVISORS

MICHAEL DELBAR District 1

RICHARD SHOEMAKER District 2

JOHN PINCHES, CHAIR District 3

PATTI CAMPBELL District 4

CHARLES PETERSON District 5

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	PER ACRE	PRODUCTION IN TONS	\$ PER TON	VALUE
APPLES, TOTAL	1997	584	13.0	7,592.0	327	\$ 2,486,000
	1996	600	13.2	7,944.0	334	\$ 2,651,700
Fresh	1997			3,113.0	577	\$ 1,796,200
	1996			3,019.0	619	\$ 1,868,600
Other (Dried, juice, etc)	1997			4,479.0	154	\$ 689,800
	1996			4,925.0	159	\$ 783,100
WINE GRAPES, TOTAL	1997	12,179	5.3	64,984.0	1381	\$ 89,765,000
	1996*	11,739	4.3	50,650.2	1175	\$ 59,514,000
White varieties	1997	5,887	5.8	34,044.6		
	1996*	5,731	4.3	24,819.1		
Red varieties	1997	6,288	4.9	30,939.4		
	1996*	6,008	4.3	25,831.1		
PEARS, TOTAL	1997	2,812	20.8	58,534.0	373	\$ 21,847,400
	1996	2,920	23.3	68,104.0	341	\$ 24,816,100
Bartlett ¹	1997	2,413	22.1	53,310.0	338	\$ 18,039,100
	1996	2,651	24.0	63,505.0	311	\$ 21,185,900
Canning	1997			30,303.0	255	\$ 7,727,300
	1996			36,432.0	227	\$ 8,270,000
Fresh ¹	1997			14,804.0	655	\$ 9,696,600
	1996			17,642.0	684	\$ 12,067,100
Other (Ferment, dried, paste)	1997			8,203.0	75	\$ 615,200
	1996			9,431.0	90	\$ 848,800
Bosc ¹	1997	144	18.4	2,645.0	650	\$ 1,719,300
	1996	119	17.9	2,130.0	719	\$ 1,531,500
Red ¹	1997	167	15.4	2,579.0	810	\$ 2,089,000
	1996	150	16.5	2,469.0	850	\$ 2,098,700
MISC. TOTAL ²	1997	200				\$ 935,000
	1996	208				\$ 960,000
TOTALS	1997	15,775				\$ 115,033,400
	1996*	15,467				\$ 87,941,800

¹ The fresh values listed for pears are FOB values. The actual average price per ton received by the growers for 1997 were: Bartlett \$230., Bosc \$200, and Reds \$230.

² Miscellaneous includes berries, cherries, chestnuts, olives, other pears, peaches, persimmons, pistachios and walnuts.

* 1996 Revised

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	584	16	600
WINE GRAPES, TOTAL	12,179	1,204	13,383
Red	6,288	756	7,044
White	5,887	448	6,335
Rootstock	2	2	4
PEARS, TOTAL	2,812	18	2,830
Bartlett	2,413	6	2,419
Red	167	2	167
Bosc	144	10	146
Other	88	0	88
WALNUTS, ENGLISH	83	5	88
MISCELLANEOUS*	98	12	110
TOTALS	15,756	1,255	17,011

* Miscellaneous includes: Berries, black walnuts, cherries, chestnuts, guava, kiwis, peaches, persimmons, pistachios, plums, olives, and table grapes.

LIVESTOCK INVENTORIES

COMMODITY	1996	1997
All Cattle and Calves	24,500	24,000
Beef Cows and Heifers, 2 years and older	14,000	13,800
Milk Cows	1,500	1,500
Sheep and Lambs, all	16,000	16,000
Swine	1,700	1,700

LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT** LIVE WT.	\$ PER UNIT	\$ VALUES
Cattle and Calves	1997	12,425	99,400	\$63.10	\$ 6,272,100
	1996	12,300	98,500	\$57.00	\$ 5,614,500
Sheep and Lambs	1997	11,250	10,018	\$72.50	\$ 726,300
	1996	11,250	10,018	\$70.00	\$ 701,300
Swine	1997	2,240	2,735	\$54.70	\$ 160,500
	1996	2,240	2,935	\$52.00	\$ 152,600
Miscellaneous*	1997				\$ 680,000
	1996				\$ 680,000
TOTALS	1997				\$ 7,838,900
	1996				\$ 7,148,400

* Miscellaneous includes horses, pigeons, poultry, rabbits, turkeys and aquiculture (fish farms).

** CWT=100lbs

LIVESTOCK AND POULTRY PRODUCTS

COMMODITY	YEAR	PRODUCTION		\$ VALUE
		IN LBS.	PER UNIT	
Milk	1997	283,800 cwt.	\$14.80	\$ 4,200,200
	1996	246,110 cwt.	\$16.00	\$ 3,937,800
Wool	1997	152,500 lb.	\$1.05	\$ 160,100
	1996	152,500 lb.	\$1.09	\$ 166,200
Miscellaneous*	1997			\$ 1,730,000
	1996			\$ 2,600,000
TOTAL	1997			\$ 6,090,300
	1996			\$ 6,704,000

* Miscellaneous includes apiary, eggs, emus, cheese, manure and ostriches.

NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	1997	304,300	107	\$ 3,017,500
	1996	308,700	104	\$ 2,812,700
Christmas Trees	1997	N/A	112	\$ 99,800
	1996	N/A	205	\$ 279,300
TOTALS	1997	304,300	219	\$ 3,117,300
	1996	308,700	309	\$ 3,092,000

* Includes turf and cut flowers

VEGETABLE CROPS

COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous Vegetables*	1997	460	\$ 1,560,100
	1996	480	\$ 1,512,800

* Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUE
Irrigated Pasture	1997	6,250	9.00AUM*	56,250	\$18.50	\$ 1,040,600
	1996	6,250	9.00AUM	56,250	\$18.50	\$ 1,040,600
Pasture, other (grassland, coast bench)	1997	365,000	8.5AUM	310,250	\$11.00	\$ 3,412,800
	1996	365,000	8.0AUM	292,000	\$11.00	\$ 3,212,000
Range	1997	355,000	6.0AUM	213,000	\$7.70	\$ 1,640,100
	1996	355,000	5.4AUM	192,250	\$7.60	\$ 1,464,400
Miscellaneous**	1997					\$ 4,675,000
	1996					\$ 4,675,000
TOTALS	1997					\$ 10,768,500
	1996					\$ 10,392,000

* AUM means Annual Unit Month (food required to feed a 1,000 pound steer for one month.)

** Miscellaneous includes alfalfa, barley, beans, corn, oats and hay.

FOREST PRODUCTS

TIMBER:	1996	1997
Log Production (board feet) ¹	275,589,000	243,866,000
Total Stumpage Value, Net ²	\$ 118,831,000	\$ 94,773,000
Total Value at Mill, gross ³	\$ 160,117,000	\$ 131,200,000

¹ Data Supplied from State Board of Equalization, Timber Tax Division.

² Stumpage value is the raw product value of a tree prior to actual harvest. Data from State Board of Equalization.

³ Includes logging and hauling costs. Data based on information from Gregory A. Giusti, U.C. Cooperative Extension.

10 YEAR COMPARISON (LOG PRODUCTION)

YEAR	Log Production ¹ (Board Feet)	Value at Mill ¹ (Gross)
1988	474,293,000	\$ 118,573,000
1989	515,300,000	\$ 158,712,000
1990	422,700,000	\$ 149,213,000
1991	275,300,000	\$ 105,990,000
1992	250,900,000	\$ 127,959,000
1993	254,900,000	\$ 174,063,000
1994	227,422,000	\$ 158,706,000
1995	211,583,000	\$ 179,211,000
1996	275,589,000	\$ 160,117,000
1997	243,866,000	\$ 131,200,000

SUSTAINABLE AGRICULTURE IN 1997

ORGANIC FARMS

NUMBER OF FARMS	CROPS	ACRES
44	Wine grapes	2,862
22	Apples	300
4	Pears	161
100	Miscellaneous vegetables	152
34	Miscellaneous Fruit & Nut	84
10	Nursery	10
194*	TOTAL	3,569

* Total does not add up due to overlapping crops

BIOLOGICAL CONTROL

BIO-CONTROL AGENT	SCOPE OF PROGRAM
Bull Thistle Gall Fly	2 sites
Canada Thistle Flea Beetle	Generally Distributed
Gorse Weevil	Generally Distributed
Gorse Spider Mite	Widely Established
Italian Thistle Seed Head Weevil	Widely Distributed
Klamath Weed Beetles	Widely Distributed
Klamath Weed Root Borers	Widely Distributed
Puncture Vine Seed Weevil	Generally Distributed
Puncture Vine Stem Weevil	Generally Distributed
Tansy Ragwort Cinnabar Moth	Widely Distributed
Tansy Ragwort Flea Beetle	Widely Distributed
Yellow Starthistle Seed Head Weevil	Widely Distributed
Yellow Starthistle Gall Forming Fly	Widely Distributed
Yellow Starthistle Hairy Weevil	3 sites
Ash Whitefly Stingless Wasp	Generally Distributed
Peacock Fly #1 (<i>Chaetorellia Australis</i>)	Locally Established
Peacock Fly #2 (<i>Chaetorellia Succinea</i>)	Widely Distributed

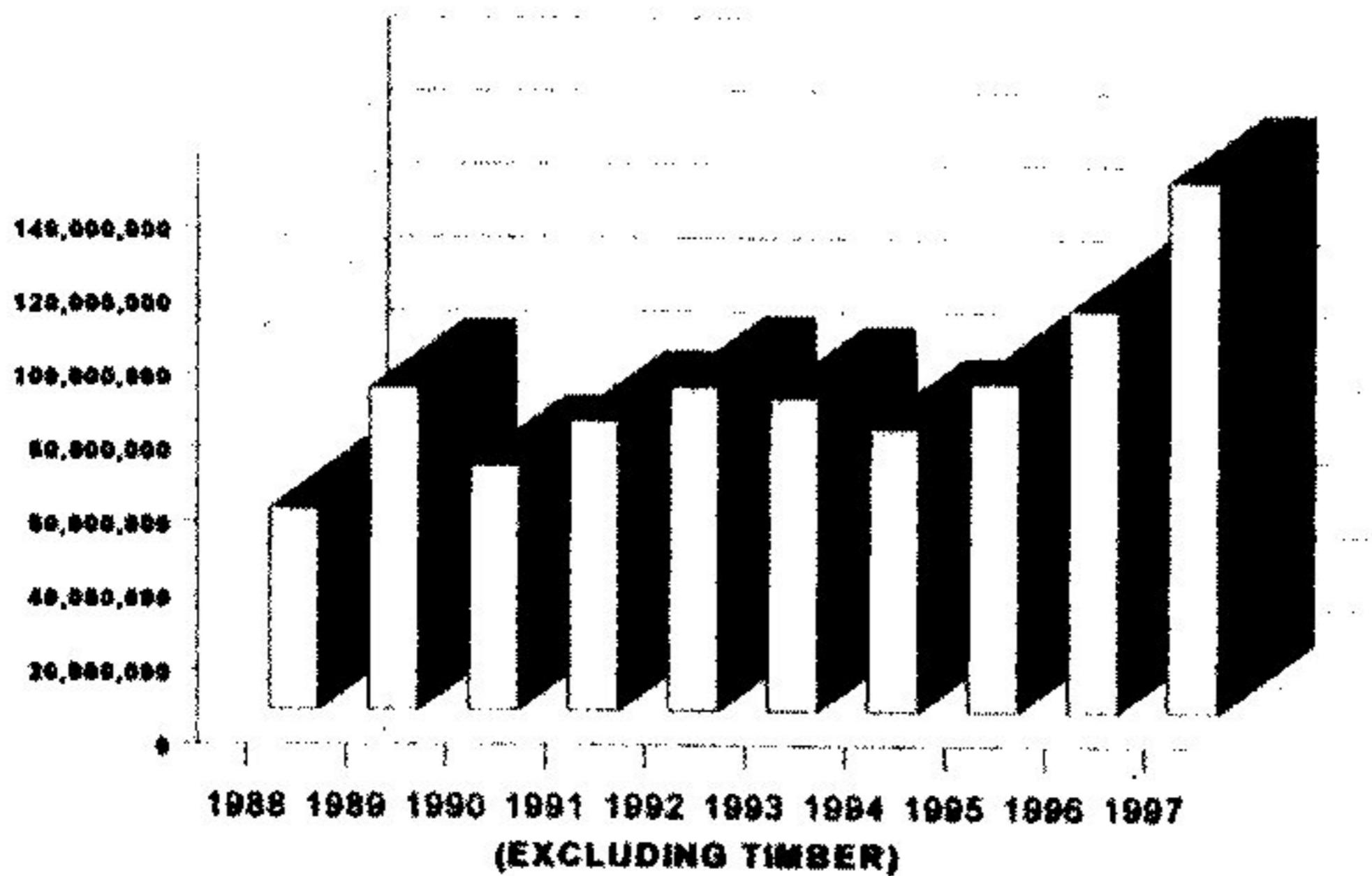
PEST EXCLUSION

3,846 packages inspected

Problem	TYPE OF SHIPMENT	NUMBER REJECTED
Miscellaneous	Parcel Post	40

VALUE OF MENDOCINO COUNTY AGRICULTURE

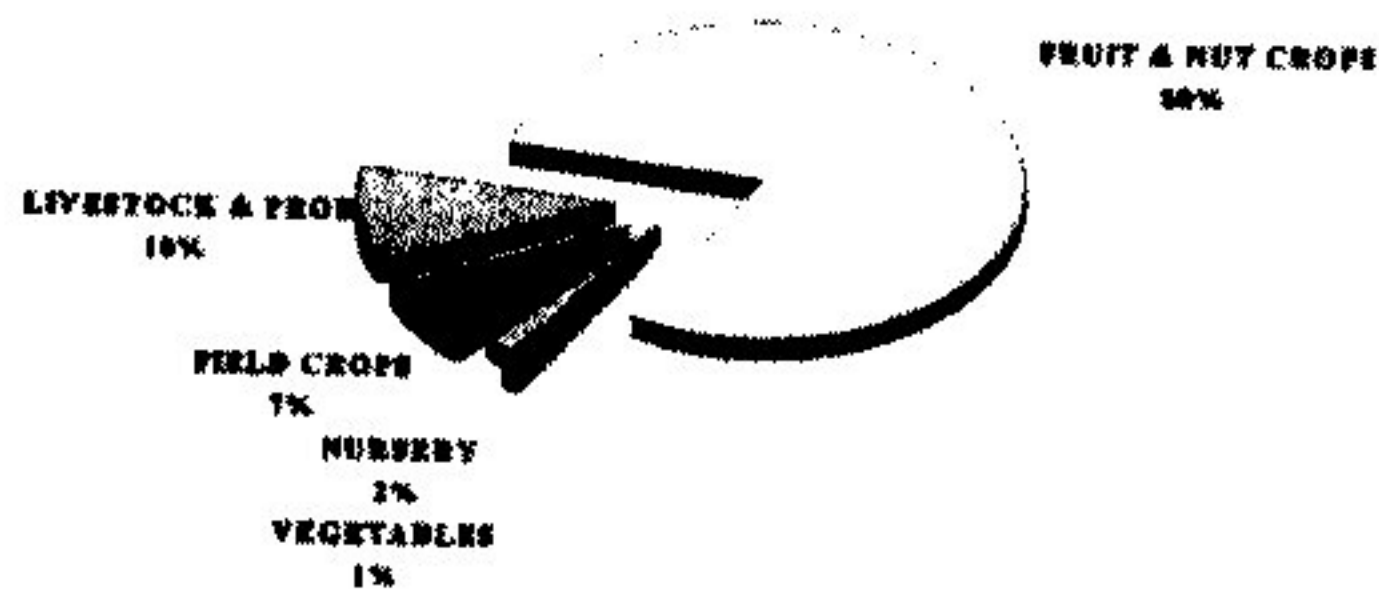
1988-1997



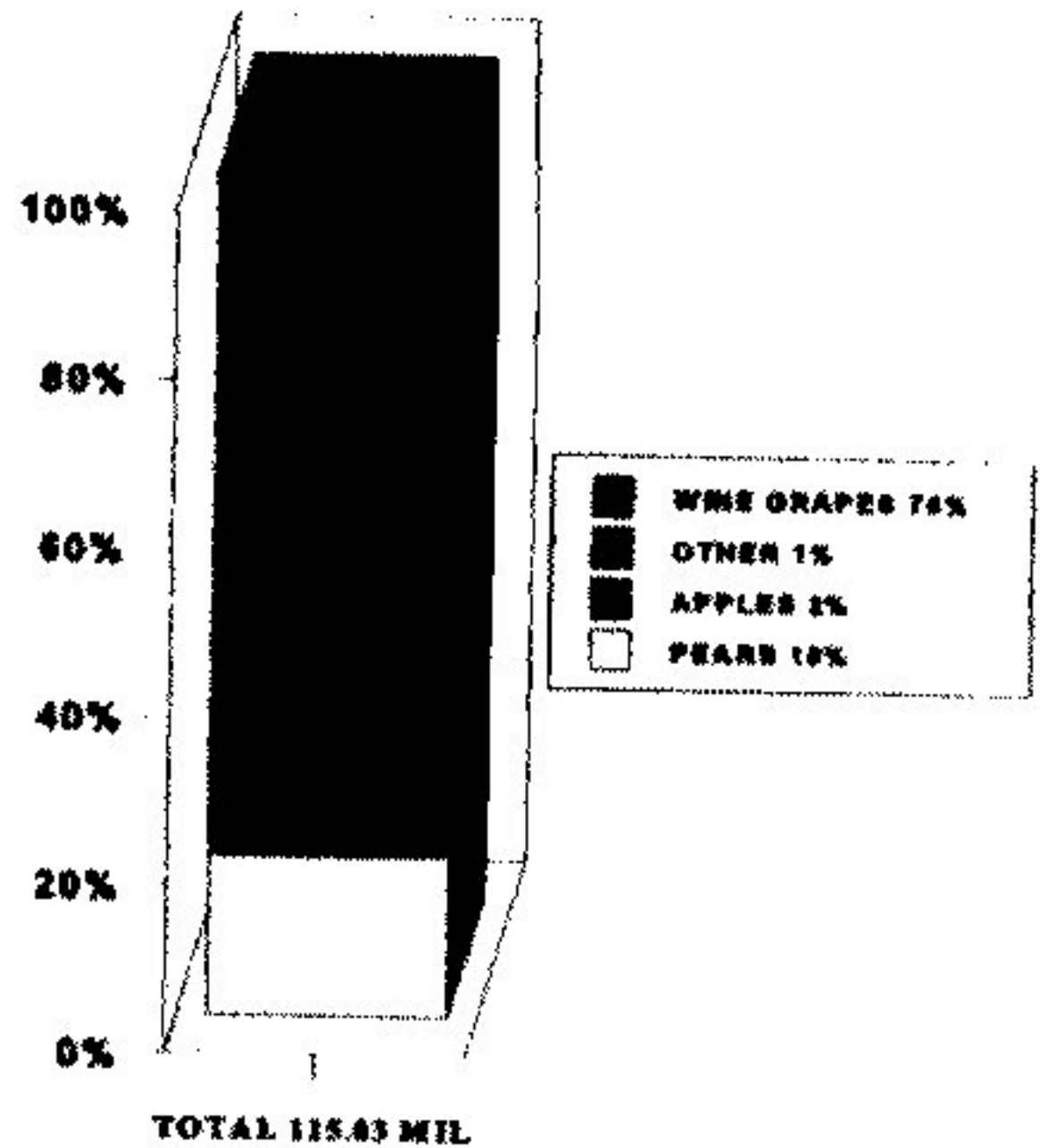
1997 MILLION DOLLAR CROPS

1. TIMBER	\$131,200,000
2. WINEGRAPES	\$89,765,000
3. BARTLETT PEARS	\$18,039,100
4. CATTLE & CALVES	\$6,272,100
5. MILK	\$4,200,200
6. PASTURE	\$3,412,800
7. NURSERY	\$3,117,300
8. APPLES	\$2,486,000
9. RED PEARS	\$2,089,000
10. BOSCH PEARS	\$1,719,300
11. RANGE	\$1,640,100
12. IRRIGATED PASTURE ..	\$1,040,600

SHARES OF AGRICULTURAL VALUE MENDOCINO COUNTY, 1997



TOTAL 144.41 MILLION



SUMMARY OF PRODUCTION

COMMODITY	1996	1997
FRUITS AND NUTS	\$ 87,941,800*	\$ 115,033,400
LIVESTOCK PRODUCTION	\$ 7,148,400	\$ 7,838,900
LIVESTOCK AND POULTRY PRODUCTS	\$ 6,704,000	6,090,300
NURSERY PRODUCTION	\$ 3,092,000	\$ 3,117,300
VEGETABLE CROPS	\$ 1,512,800	\$ 1,560,100
FIELD CROP	\$ 10,392,000	\$ 10,768,500
FOREST PRODUCTS	<u>\$ 160,117,000</u>	<u>\$ 131,200,000</u>
TOTALS	\$ 276,908,000*	\$ 275,608,500

* 1996 Amended

SUPPLEMENT TO CROP REPORT COMMERCIAL FISH CATCH

COMMODITY (TOP 10 LISTED BY VALUE)	YEAR	TOTAL LBS.	TOTAL VALUE
URCHIN, RED	1997	3,591,677	\$ 3,046,469
	1996	3,244,703	\$ 2,469,811
SABLEFISH	1997	1,228,011	\$ 1,797,988
	1996	1,285,369	\$ 1,717,888
CRAB, DUNGENESS	1997	946,021	\$ 1,704,002
	1996	305,218	\$ 442,373
SOLE, DOVER	1997	2,408,420	\$ 716,701
	1996	2,493,238	\$ 745,351
THORNEYHEAD, LONGPINE	1997	307,314	\$ 644,965
	1996	931,213	\$ 787,102
ROCKFISH, UNSPECIFIED	1997	1,741,573	\$ 627,602
	1996	432,536	\$ 432,536
SHRIMP, PACIFIC OCEAN	1997	1,007,530	\$ 380,687
	1996	760,168	\$ 456,393
SOLE, PETRALE*	1997	326,686	\$ 280,160
	1996	166,536	\$ 138,174
THORNYHEAD, SHORTPINE	1997	255,891	\$ 254,434
	1996	266,111	\$ 280,276
ROCKFISH, WIDOW	1997	691,107	\$ 216,103
	1996	342,051	\$ 176,856
MISCELLANEOUS	1997	3,054,355	\$ 1,851,755
	1996	2,144,200	\$ 1,422,777
TOTALS	1997	16,058,585	\$ 11,520,866
	1996	12,224,885	\$ 9,008,148

* Petrale Sole made top 10 in 1997, Chinook Salmon made top 10 in 1996

COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

YEAR	POUNDS	VALUE
1988	38,533,500	\$ 22,348,000
1989	33,227,000	\$ 12,704,000
1990	23,494,500	\$ 10,917,000
1991	21,031,500	\$ 13,842,500
1992	15,697,000	\$ 10,158,500
1993	12,111,500	\$ 8,142,000
1994	12,975,000	\$ 9,158,500
1995	12,967,500	\$ 11,301,500
1996	12,371,000	\$ 9,070,000
1997	16,058,585	\$ 11,520,900

Source - State of California Department of Fish and Game
All figures are rounded - 1997 figures are preliminary

**UKIAH 108 YEAR RAINFALL DATA
(FROM UKIAH FIRE DEPARTMENT RECORDS)**

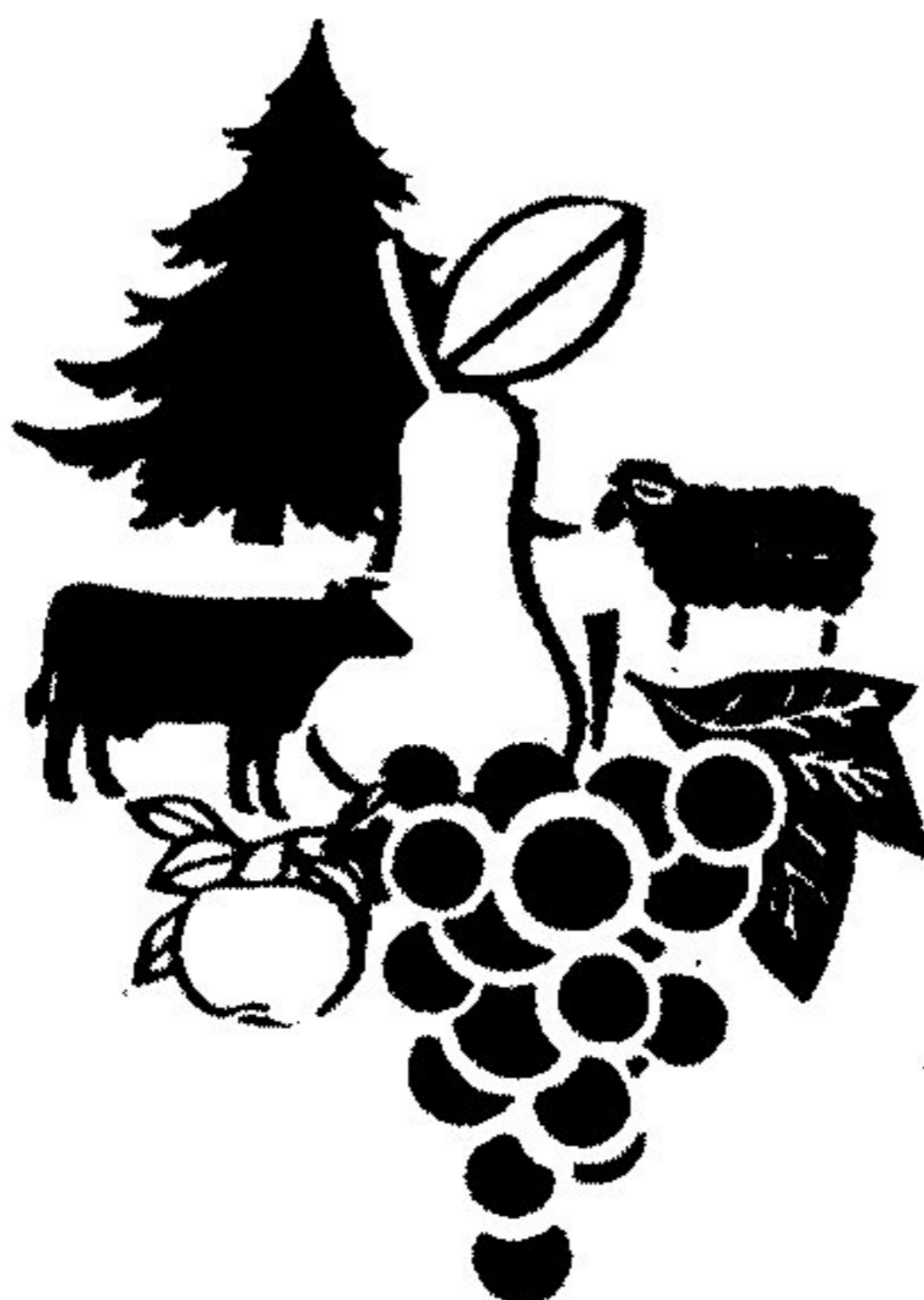
SEASON	TOTAL	SEASON TOTAL		SEASON TOTAL	
1888-89	30.82	1925-26	26.33	1962-63	44.45
1889-90	60.48	1926-27	47.32	1963-64	24.96
1890-91	24.50	1927-28	34.94	1964-65	50.84
1891-92	29.49	1928-29	24.44	1965-66	35.46
1892-93	43.53	1929-30	31.08	1966-67	43.16
1893-94	47.93	1930-31	20.06	1967-68	32.95
1894-95	52.55	1931-32	27.67	1968-69	51.28
1895-96	40.85	1932-33	24.71	1969-70	48.71
1896-97	43.34	1933-34	25.21	1970-71	38.31
1897-98	19.83	1934-35	33.05	1971-72	25.61
1898-99	27.60	1935-36	37.83	1972-73	42.09
1899-00	33.69	1936-37	29.24	1973-74	57.09
1900-01	37.09	1937-38	55.13	1974-75	38.60
1901-02	45.07	1938-39	22.86	1975-76	18.75
1902-03	34.55	1939-40	41.01	1976-77	14.20
1903-04	54.73	1940-41	56.92	1977-78	53.66
1904-05	42.93	1941-42	48.21	1978-79	30.23
1905-06	44.75	1942-43	40.41	1979-80	44.79
1906-07	48.64	1943-44	26.19	1980-81	26.82
1907-08	29.67	1944-45	31.74	1981-82	55.82
1908-09	57.39	1945-46	36.11	1982-83	70.19
1909-10	29.89	1946-47	25.90	1983-84	43.76
1910-11	32.99	1947-48	32.93	1984-85	27.40
1911-12	25.73	1948-49	27.53	1985-86	48.68
1912-13	33.40	1949-50	29.75	1986-87	25.25
1913-14	54.85	1950-51	42.28	1987-88	30.22
1914-15	49.28	1951-52	47.74	1988-89	31.48
1915-16	34.80	1952-53	45.06	1989-90	26.91
1916-17	30.23	1953-54	35.74	1990-91	26.00
1917-18	23.43	1954-55	25.63	1991-92	31.38
1918-19	37.23	1955-56	51.09	1992-93	50.49
1919-20	19.05	1956-57	32.36	1993-94	23.73
1920-21	47.94	1957-58	58.87	1994-95	58.88
1921-22	28.74	1958-59	26.42	1995-96	44.10
1922-23	30.35	1959-60	32.60	1996-97	39.07
1923-24	16.19	1960-61	34.89		
1924-25	47.44	1961-62	31.46		

**** ALL COMMODITIES ** ALL COMMODITIES****

TEN YEAR VALUE COMPARISON

YEAR	FRUIT/ NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG. CROPS	FIELD CROPS	TOTAL
1988	35,671,600	7,547,400	2,034,000	2,523,600	950,000	5,930,100	54,656,700
1989	65,842,200	8,855,300	2,385,000	2,638,000	980,000	6,561,300	87,261,800
1990	46,348,400	8,929,000	2,318,100	2,168,200	1,052,400	5,642,700	66,458,800
1991	57,324,900	8,575,000	2,141,900	2,324,100	1,067,300	7,217,300	78,650,500
1992	65,512,700	6,561,900	3,899,700	2,595,800	1,284,800	8,337,900	88,192,800
1993	59,805,400	10,476,900	3,199,000	2,122,800	1,236,700	8,657,900	85,498,700
1994	50,829,600	8,455,000	5,149,600	2,296,400	1,622,000	8,732,900	77,085,500
1995	63,942,200	6,323,100	5,514,300	2,510,000	1,383,600	9,546,400	89,219,600
1996	87,941,800*	7,148,400	6,704,000	3,092,000	1,512,800	10,392,000	116,791,000*
1997	115,033,400	7,838,900	6,090,300	3,117,300	1,560,100	10,768,500	144,408,500

* 1996 Amended



DAVE BENGSTON
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES



AGRICULTURAL CENTER
579 LOW GAP ROAD
UKIAH CA 95482
TELEPHONE (707)463-4208
FAX (707)463-0240
E-MAIL - mendoag@pacific.net

**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

**WILLIAM J. LYONS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

and

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

The total gross agricultural value for commodities produced in 1998 was **\$254,617,500**, a 7.6% reduction from 1997. The leading category was forest products with a value of **\$126,943,400**. Agricultural production excluding timber had a value of **\$127,674,100**. This is down almost 12% from the figure for 1997.

Grapes, the second leading crop had a value of **\$83,155,500**, a minor decrease of **\$6,609,500** from 1997. For the fourth year in a row, a new record average price was set of **\$1,394.00** per ton. *El Nino* took its toll on the pear crop and the total value was down 46% to **\$11,840,200** from 1997! This was the worst year for pears since the last *El Nino* in 1983.

Record production values were set in the category of Livestock and Poultry Products, primarily due to milk, and in the category of Vegetable Production.

This crop report represents only the gross value to the growers. It does not reflect any net income or costs of production, including packing house charges.

I would like to express my sincere gratitude to all of the people who made this report possible. They include the growers, packers, processors, my staff, U.C. Cooperative Extension, and other government agencies.

Respectfully submitted,

Dave Bengston
Agricultural Commissioner

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE**

**DAVE BENGSTON
Agricultural Commissioner
Sealer of Weights and Measures**

ANNUAL CROP REPORT FOR YEAR 1998

STAFF

STEVE HAJIK Assistant Agricultural Commissioner
Assistant Sealer of Weights & Measures

RAY HARRIE Agricultural Standards Specialist III

CINDY BEAVER Agricultural Standards Specialist I

KIMBERLY GRADIN Department Secretary

CARALYN GULSETH Office Assistant I

SEASONAL INSPECTORS:

RICHARD SARBER, DANIEL DUNKLE, ROBERT MENENDEZ

BOARD OF SUPERVISORS

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RICHARD SHOEMAKER, CHAIR District 2

TOM LUCIER District 3

PATRICIA A. CAMPBELL District 4

J. DAVID COLFAX District 5

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	PER ACRE	PRODUCTION IN TONS	\$ PER TON	VALUE
APPLES, TOTAL	1998	500	14.9	7,600.0	252	\$ 1,913,200
	1997	584	13.0	7,592.0	327	\$ 2,486,000
Fresh	1998			2,204.0	611	\$ 1,346,600
	1997			3,113.0	577	\$ 1,796,200
Other (Dried, juice, etc)	1998			5,396.0	105	\$ 566,600
	1997			4,479.0	154	\$ 689,800
WINE GRAPES TOTAL	1998	12,283	4.9	59,647.3	1,394	\$ 83,155,500
	1997	12,179	5.3	64,984.0	1,381	\$ 89,765,000
White varieties	1998	5,883	5.4	31,488.5		
	1997	5,887	5.8	34,044.6		
Red varieties	1998	6,400	4.4	28,158.8		
	1997	6,288	4.9	30,939.4		
PEARS, TOTAL	1998	2,706	20.1	54,273.0	218	\$ 11,840,200
	1997	2,812	20.8	58,534.0	373	\$ 21,847,400
Bartlett ¹	1998	2,393	20.6	49,257.0	200	\$ 9,852,600
	1997	2,413	22.1	53,310.0	338	\$ 18,039,100
Canning	1998			32,253.0	215	\$ 6,934,400
	1997			30,303.0	255	\$ 7,727,300
Fresh ¹	1998			7,833.0	314	\$ 2,459,600
	1997			14,804.0	655	\$ 9,696,600
Other (Ferment, dried, paste)	1998			9,171.0	50	\$ 458,600
	1997			8,203.0	75	\$ 615,200
Bosc ¹	1998	145	18.5	2,664.0	400	\$ 1,065,600
	1997	144	18.4	2,645.0	650	\$ 1,719,300
Red ¹	1998	168	14.0	2,352.0	392	\$ 922,000
	1997	167	15.4	2,579.0	810	\$ 2,089,000
MISC. TOTAL ²	1998	256				\$ 900,000
	1997	200				\$ 935,000
TOTALS	1998	15,745				\$ 97,808,900
	1997	15,775				\$ 115,033,400

¹ The fresh values listed for pears are FOB values. The actual average price per ton received by the growers for 1998 were: Bartlett \$200, Bosc \$229, and Reds \$210.

² Miscellaneous includes berries, cherries, chestnuts, olives, other pears, peaches, persimmons, pistachios and walnuts.

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	500	10	510
WINE GRAPES, TOTAL	12,287	1,670	13,957
Red	6,400	1,116	7,516
White	5,883	554	6,437
Rootstock	4	0	4
PEARS, TOTAL	2,774	23	2,797
Bartlett	2,393	11	2,404
Red	168	0	168
Bosc	145	2	147
Other	68	10	78
WALNUTS, ENGLISH	89	0	89
MISCELLANEOUS*	99	7	106
TOTALS	15,749	1,710	17,459

* Miscellaneous includes: Berries, black walnuts, cherries, chestnuts, guava, kiwis, peaches, persimmons, pistachios, plums, olives, and table grapes.

LIVESTOCK INVENTORIES

COMMODITY	1997	1998
All Cattle and Calves	24,000	24,000
Beef Cows and Heifers, 2 years and older	13,800	13,800
Milk Cows	1,500	1,500
Sheep and Lambs, all	16,000	16,000
Swine	1,700	1,700



LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT** LIVE WT.	\$ PER UNIT	\$ VALUES
Cattle and Calves	1998	12,425	99,400	\$61.50	\$ 6,113,100
	1997	12,425	99,400	\$63.10	\$ 6,272,100
Sheep and Lambs	1998	11,250	10,018	\$71.00	\$ 711,300
	1997	11,250	10,018	\$72.50	\$ 726,300
Swine	1998	2,240	2,735	\$34.00	\$ 93,000
	1997	2,240	2,735	\$54.70	\$ 160,500
Miscellaneous*	1998				\$ 680,000
	1997				\$ 680,000
TOTALS	1998				\$ 7,597,400
	1997				\$ 7,838,900

* Miscellaneous includes horses, pigeons, poultry, rabbits, turkeys and aquiculture (fish farms).

** CWT=100lbs

LIVESTOCK AND POULTRY PRODUCTS

COMMODITY	YEAR	PRODUCTION IN LBS.	PER UNIT	\$ VALUE
Milk	1998	291,439 cwt.	\$16.15	\$ 4,706,700
	1997	283,800 cwt.	\$14.80	\$ 4,200,200
Wool	1998	152,500 lb.	\$1.80	\$ 274,500
	1997	152,500 lb.	\$1.05	\$ 160,100
Miscellaneous*	1998			\$ 2,175,600
	1997			\$ 1,730,000
TOTAL	1998			\$ 7,156,800
	1997			\$ 6,090,300

* Miscellaneous includes apiary, eggs, emus, cheese, manure and ostriches.



NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	1998	312,000	100	\$ 2,600,000
	1997	304,300	107	\$ 3,017,500
Christmas Trees	1998	N/A	80	\$ 85,000
	1997	N/A	112	\$ 99,800
TOTALS	1998	312,000	180	\$ 2,685,000
	1997	304,300	219	\$ 3,117,300

* Includes turf and cut flowers

VEGETABLE CROPS

COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous Vegetables*	1998	410	\$ 1,657,500
	1997	460	\$ 1,560,100

* Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUE
Irrigated Pasture	1998	6,250	9.00AUM*	56,250	\$18.50	\$ 1,040,600
	1997	6,250	9.00AUM	56,250	\$18.50	\$ 1,040,600
Pasture, other (grassland, coast bench)	1998	365,000	.85AUM	310,250	\$11.00	\$ 3,412,800
	1997	365,000	.85AUM	310,250	\$11.00	\$ 3,412,800
Range	1998	355,000	.60AUM	213,000	\$7.70	\$ 1,640,100
	1997	355,000	.60AUM	213,000	\$7.70	\$ 1,640,100
Miscellaneous**	1998					\$ 4,675,000
	1997					\$ 4,675,000
TOTALS	1998					\$ 10,768,500
	1997					\$ 10,768,500

* AUM means Annual Unit Month (food required to feed a 1,000 pound steer for one month.)

** Miscellaneous includes alfalfa, barley, beans, corn, oats and hay.



FOREST PRODUCTS

TIMBER:

1997

1998

Log Production (board feet) ¹	243,866,000	225,878,000
Total Stumpage Value, net ²	\$ 94,773,000	\$ 96,491,000
Total Value at Mill, gross ³	\$ 131,200,000	\$ 126,943,400

¹ Data Supplied from State Board of Equalization, Timber Tax Division.

² Stumpage value is the raw product value of a tree prior to actual harvest. Data from State Board of Equalization.

³ Includes logging and hauling costs. Data based on information from Gregory A. Giusti, U.C. Cooperative Extension.

10 YEAR COMPARISON (LOG PRODUCTION)

YEAR	Log Production ¹ (Board Feet)	Value at Mill ¹ (Gross)
1989	515,300,000	\$ 158,712,000
1990	422,700,000	\$ 149,213,000
1991	275,300,000	\$ 105,990,000
1992	250,900,000	\$ 127,959,000
1993	254,900,000	\$ 174,063,000
1994	227,422,000	\$ 158,706,000
1995	211,583,000	\$ 179,211,000
1996	275,589,000	\$ 160,117,000
1997	243,866,000	\$ 131,200,000
1998	225,878,000	\$ 126,943,400

SUSTAINABLE AGRICULTURE IN 1998

ORGANIC FARMS

NUMBER OF FARMS	CROPS	ACRES
45	Wine grapes	2,900
20	Apples	225
4	Pears	162
100	Miscellaneous vegetables	160
35	Miscellaneous Fruit & Nut	85
13	Nursery	14
197*	TOTAL	3,546

* Total does not add up due to overlapping crops

BIOLOGICAL CONTROL

BIO-CONTROL AGENT	SCOPE OF PROGRAM
Bull Thistle Gall Fly	2 sites
Canada Thistle Flea Beetle	Generally Distributed
Gorse Weevil	Generally Distributed
Gorse Spider Mite	Generally Established
Italian Thistle Seed Head Weevil	Widely Distributed
Klamath Weed Beetles	Widely Distributed
Klamath Weed Root Borers	Widely Distributed
Puncture Vine Seed Weevil	Generally Distributed
Puncture Vine Stem Weevil	Generally Distributed
Tansy Ragwort Cinnabar Moth	Widely Distributed
Tansy Ragwort Flea Beetle	Widely Distributed
Yellow Starthistle Seed Head Weevil	Widely Distributed
Yellow Starthistle Gall Forming Fly	Widely Distributed
Yellow Starthistle Hairy Weevil	3 sites
Ash Whitefly Stingless Wasp	Widely Distributed
Peacock Fly #1 (<i>Chaetorellia Australis</i>)	Locally Established
Peacock Fly #2 (<i>Chaetorellia Succinea</i>)	Widely Distributed

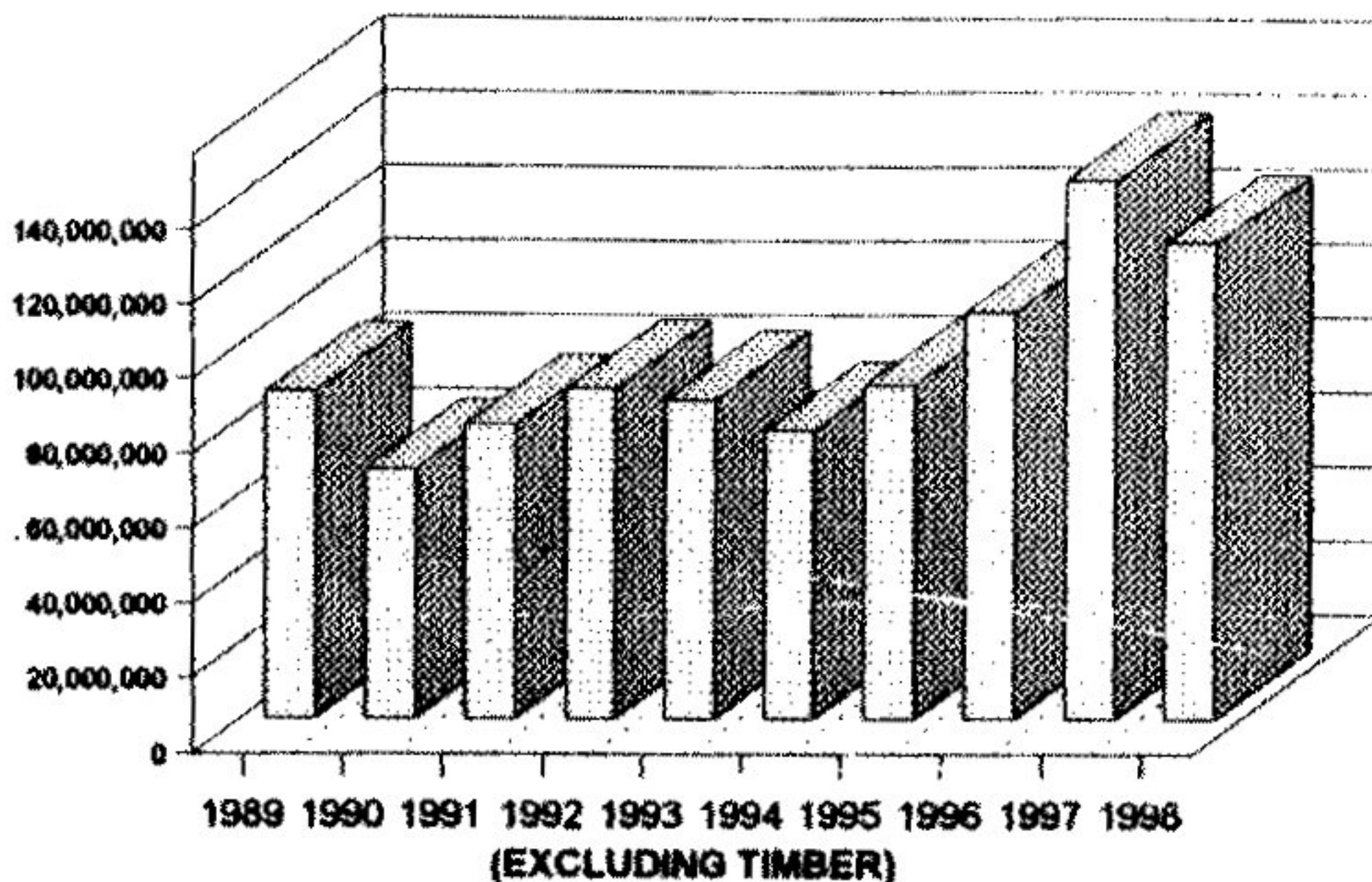
PEST EXCLUSION

2,798 packages inspected

Problem	TYPE OF SHIPMENT	NUMBER REJECTED
Miscellaneous	Parcel Post	74

VALUE OF MENDOCINO COUNTY AGRICULTURE

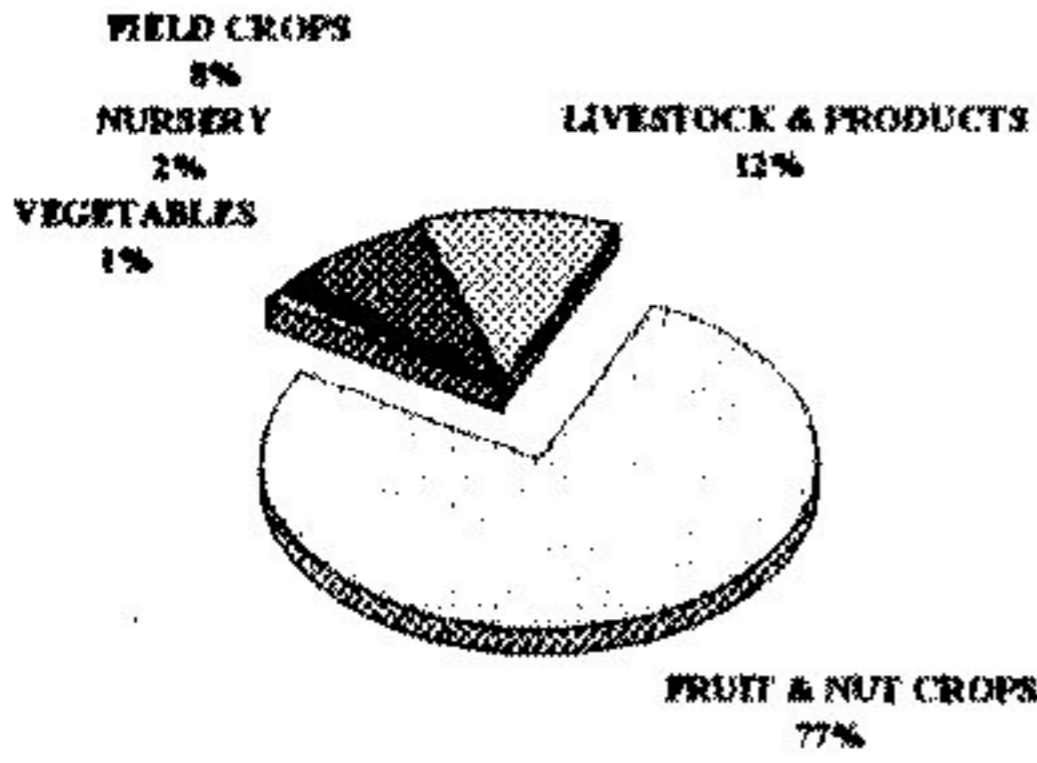
1989-1998



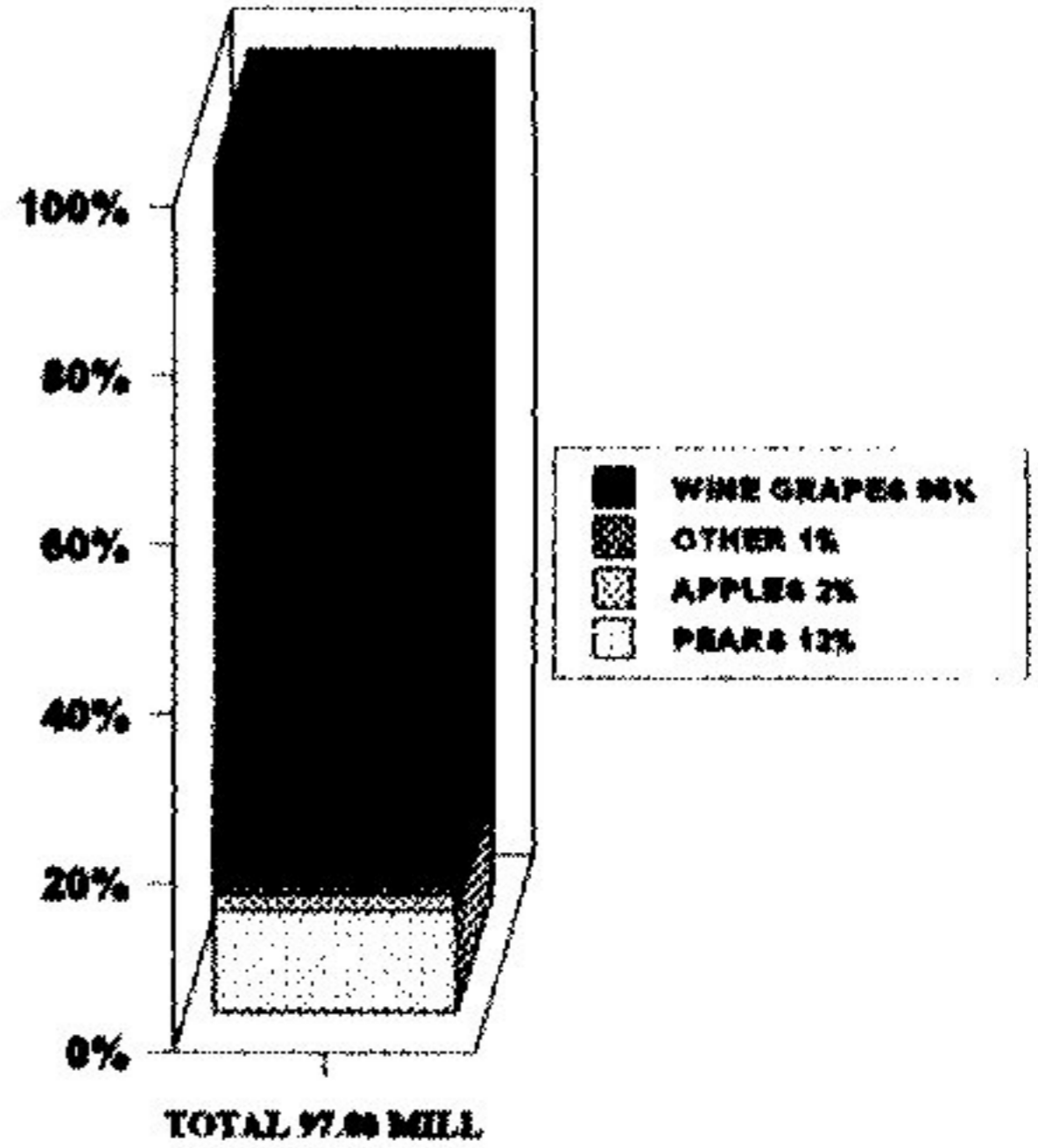
1998 MILLION DOLLAR CROPS

1. TIMBER	\$126,943,400
2. WINE GRAPES	\$83,155,500
3. BARTLETT PEARS	\$9,852,600
4. CATTLE & CALVES	\$6,113,100
5. MILK	\$4,706,700
6. PASTURE	\$3,412,800
7. NURSERY	\$2,685,000
8. APPLES	\$1,913,200
9. RANGE	\$1,640,100
10. BOSCH PEARS	\$1,065,600
11. IRRIGATED PASTURE ..	\$1,040,600

SHARES OF AGRICULTURAL VALUE MENDOCINO COUNTY, 1998



TOTAL 127.67 MILLION



SUMMARY OF PRODUCTION

COMMODITY	1997	1998
FRUITS AND NUTS	\$ 115,033,400	\$ 97,808,900
LIVESTOCK PRODUCTION	\$ 7,838,900	\$ 7,597,400
LIVESTOCK AND POULTRY PRODUCTS	\$ 6,090,300	\$ 7,156,800
NURSERY PRODUCTION	\$ 3,117,300	\$ 2,685,000
VEGETABLE CROPS	\$ 1,560,100	\$ 1,657,500
FIELD CROPS	\$ 10,768,500	\$ 10,768,500
FOREST PRODUCTS	<u>\$ 131,200,000</u>	<u>\$ 126,943,400</u>
TOTALS	\$ 275,608,500	\$ 254,617,500

SUPPLEMENT TO CROP REPORT COMMERCIAL FISH CATCH

COMMODITY (TOP 10 LISTED BY VALUE)	YEAR	TOTAL LBS.	TOTAL VALUE
URCHIN, RED	1998	2,803,227	\$ 1,764,576
	1997	3,591,677	\$ 3,046,469
CRAB, DUNGENESS	1998	538,295	\$ 1,049,806
	1997	946,021	\$ 1,704,002
SABLEFISH	1998	475,635	\$ 533,432
	1997	1,228,011	\$ 1,797,988
ROCKFISH, UNSPECIFIED	1998	1,008,560	\$ 412,357
	1997	1,741,573	\$ 627,602
SOLE, DOVER	1998	1,136,170	\$ 374,983
	1997	2,408,420	\$ 716,701
THORNYHEAD, LONGSPINE	1998	390,930	\$ 274,531
	1997	807,314	\$ 644,965
THORNYHEAD, SHORTSPINE	1998	204,478	\$ 203,406
	1997	255,891	\$ 254,434
SOLE, PETRALE	1998	179,386	\$ 168,767
	1997	326,686	\$ 280,160
ROCKFISH, WIDOW	1998	385,192	\$ 154,210
	1997	691,107	\$ 216,103
CABEZON*	1998	51,401	\$ 149,739
	1997	42,073	\$ 98,252
MISCELLANEOUS	1998	2,264,638	\$ 1,025,260
	1997	4,019,812	\$ 2,134,190
TOTALS	1998	9,437,912	\$ 6,111,067
	1997	16,058,585	\$ 11,520,866

* Cabezon made top 10 in 1998, Pacific Ocean Shrimp made top 10 in 1997

COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

YEAR	POUNDS	VALUE
1989	33,227,000	\$ 12,704,000
1990	23,494,500	\$ 10,917,000
1991	21,031,500	\$ 13,842,500
1992	15,697,000	\$ 10,158,500
1993	12,111,500	\$ 8,142,000
1994	12,975,000	\$ 9,158,500
1995	12,967,500	\$ 11,301,500
1996	12,371,000	\$ 9,070,000
1997	16,058,585	\$ 11,520,900
1998	9,437,912	\$ 6,111,067

Source - State of California Department of Fish and Game
All figures are rounded - 1998 figures are preliminary



**UKIAH 110 YEAR RAINFALL DATA
(FROM UKIAH FIRE DEPARTMENT RECORDS)**

SEASON	TOTAL	SEASON	TOTAL	SEASON	TOTAL
1888-89	30.82	1925-26	26.33	1962-63	44.45
1889-90	60.48	1926-27	47.32	1963-64	24.96
1890-91	24.50	1927-28	34.94	1964-65	50.84
1891-92	29.49	1928-29	24.44	1965-66	35.46
1892-93	43.53	1929-30	31.08	1966-67	43.16
1893-94	47.93	1930-31	20.06	1967-68	32.95
1894-95	52.55	1931-32	27.67	1968-69	51.28
1895-96	40.85	1932-33	24.71	1969-70	48.71
1896-97	43.34	1933-34	25.21	1970-71	38.31
1897-98	19.83	1934-35	33.05	1971-72	25.61
1898-99	27.60	1935-36	37.83	1972-73	42.09
1899-00	33.69	1936-37	29.24	1973-74	57.09
1900-01	37.09	1937-38	55.13	1974-75	38.60
1901-02	45.07	1938-39	22.86	1975-76	18.75
1902-03	34.55	1939-40	41.01	1976-77	14.20
1903-04	54.73	1940-41	56.92	1977-78	53.66
1904-05	42.93	1941-42	48.21	1978-79	30.23
1905-06	44.75	1942-43	40.41	1979-80	44.79
1906-07	48.64	1943-44	26.19	1980-81	26.82
1907-08	29.67	1944-45	31.74	1981-82	55.82
1908-09	57.39	1945-46	36.11	1982-83	70.19
1909-10	29.89	1946-47	25.90	1983-84	43.76
1910-11	32.99	1947-48	32.93	1984-85	27.40
1911-12	25.73	1948-49	27.53	1985-86	48.68
1912-13	33.40	1949-50	29.75	1986-87	25.25
1913-14	54.85	1950-51	42.28	1987-88	30.22
1914-15	49.28	1951-52	47.74	1988-89	31.48
1915-16	34.80	1952-53	45.06	1989-90	26.91
1916-17	30.23	1953-54	35.74	1990-91	26.00
1917-18	23.43	1954-55	25.63	1991-92	31.38
1918-19	37.23	1955-56	51.09	1992-93	50.49
1919-20	19.05	1956-57	32.36	1993-94	23.73
1920-21	47.94	1957-58	58.87	1994-95	58.88
1921-22	28.74	1958-59	26.42	1995-96	44.10
1922-23	30.35	1959-60	32.60	1996-97	39.07
1923-24	16.19	1960-61	34.89	1997-98	63.95
1924-25	47.44	1961-62	31.46		

**** ALL COMMODITIES ** ALL COMMODITIES****

TEN YEAR VALUE COMPARISON

YEAR	FRUIT/ NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG. CROPS	FIELD CROPS	TOTAL
1989	65,842,200	8,855,300	2,385,000	2,638,000	980,000	6,561,300	87,261,800
1990	46,348,400	8,929,000	2,318,100	2,168,200	1,052,400	5,642,700	66,458,800
1991	57,324,900	8,575,000	2,141,900	2,324,100	1,067,300	7,217,300	78,650,500
1992	65,512,700	6,561,900	3,899,700	2,595,800	1,284,800	8,337,900	88,192,800
1993	59,805,400	10,476,900	3,199,000	2,122,800	1,236,700	8,657,900	85,498,700
1994	50,829,600	8,455,000	5,149,600	2,296,400	1,622,000	8,732,900	77,085,500
1995	63,991,900	6,323,100	5,514,300	2,510,000	1,383,600	9,546,400	89,269,300
1996	87,941,800	7,148,400	6,704,000	3,092,000	1,512,800	10,392,000	116,791,000
1997	115,033,400	7,838,900	6,090,300	3,117,300	1,560,100	10,768,500	144,408,500
1998	97,808,900	7,597,400	7,156,800	2,685,000	1,657,500	10,768,500	127,674,100

