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

Dave Bengston
Agricultural Commissioner

MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE

DAVE BENGSTON
Agricultural Commissioner
Sealer of Weights and Measures

ANNUAL CROP REPORT FOR YEAR 1998

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Assistant Sealer of Weights & Measures

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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.

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10 YEAR COMPARISON (LOG PRODUCTION)

YEAR	Log Production[1] (Board Feet)	Value at Mill[3] (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	TOTAL	3,546

* Total does not add up due to overlapping crops

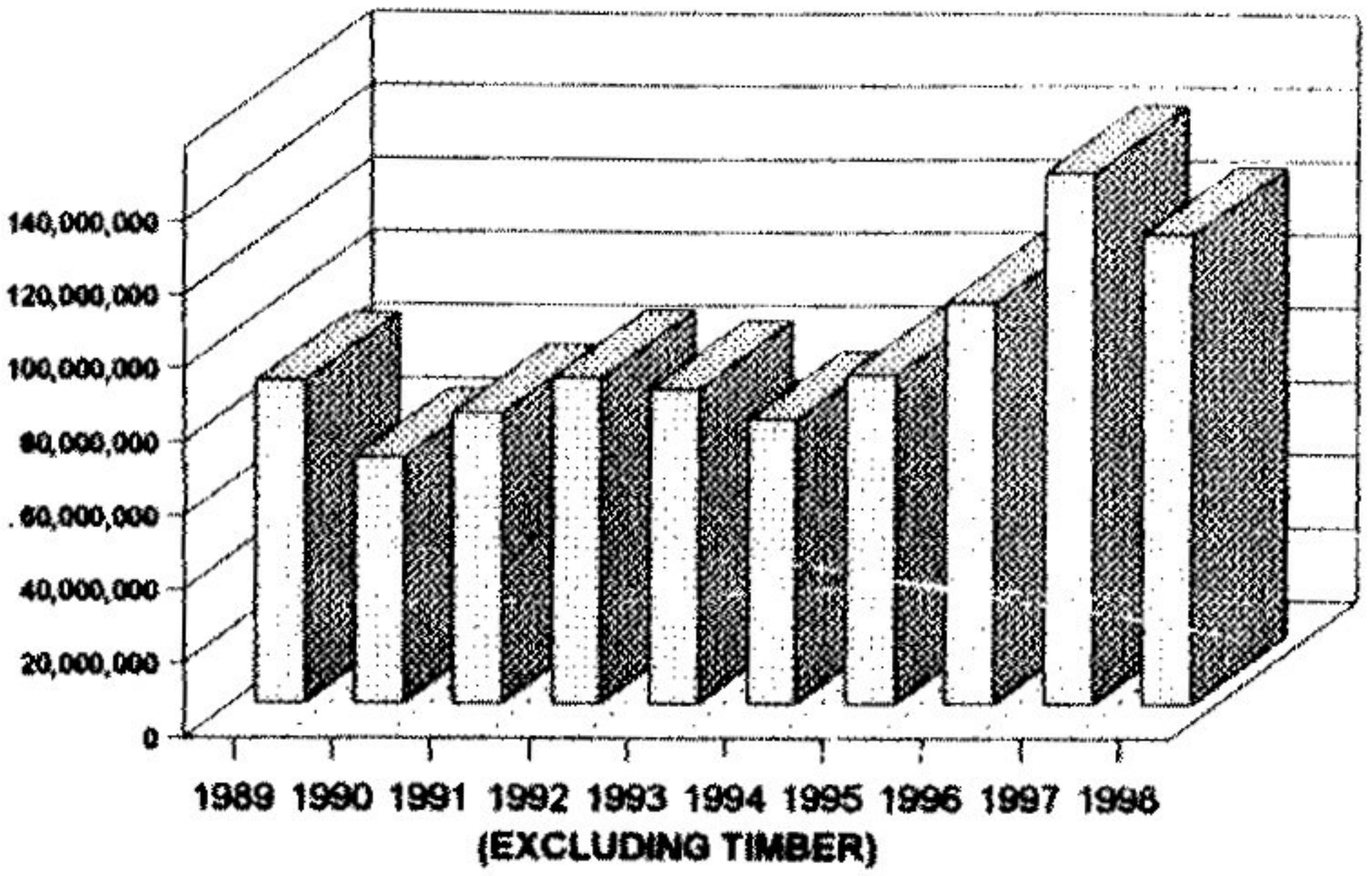
BIOLOGICAL CONTROL

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 *(Chaetorellia Australis)*	Locally Established
Peacock Fly #2 *(Chaetorellia Succinea)*	Widely Distributed

PEST EXCLUSION

2,798 packages inspected

Problem	TYPE OF SHIPMENT	NUMBER REJECTED
Miscellaneous	Parcel Post	74



1998 MILLION DOLLAR CROPS

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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

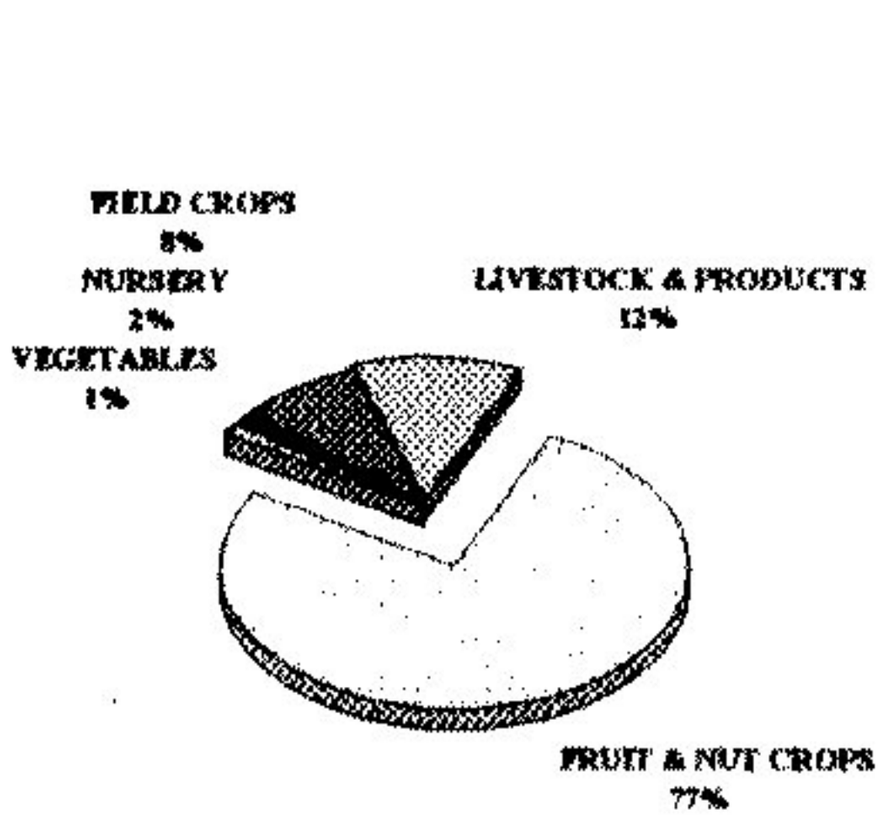
8. APPLES. $1,913,200

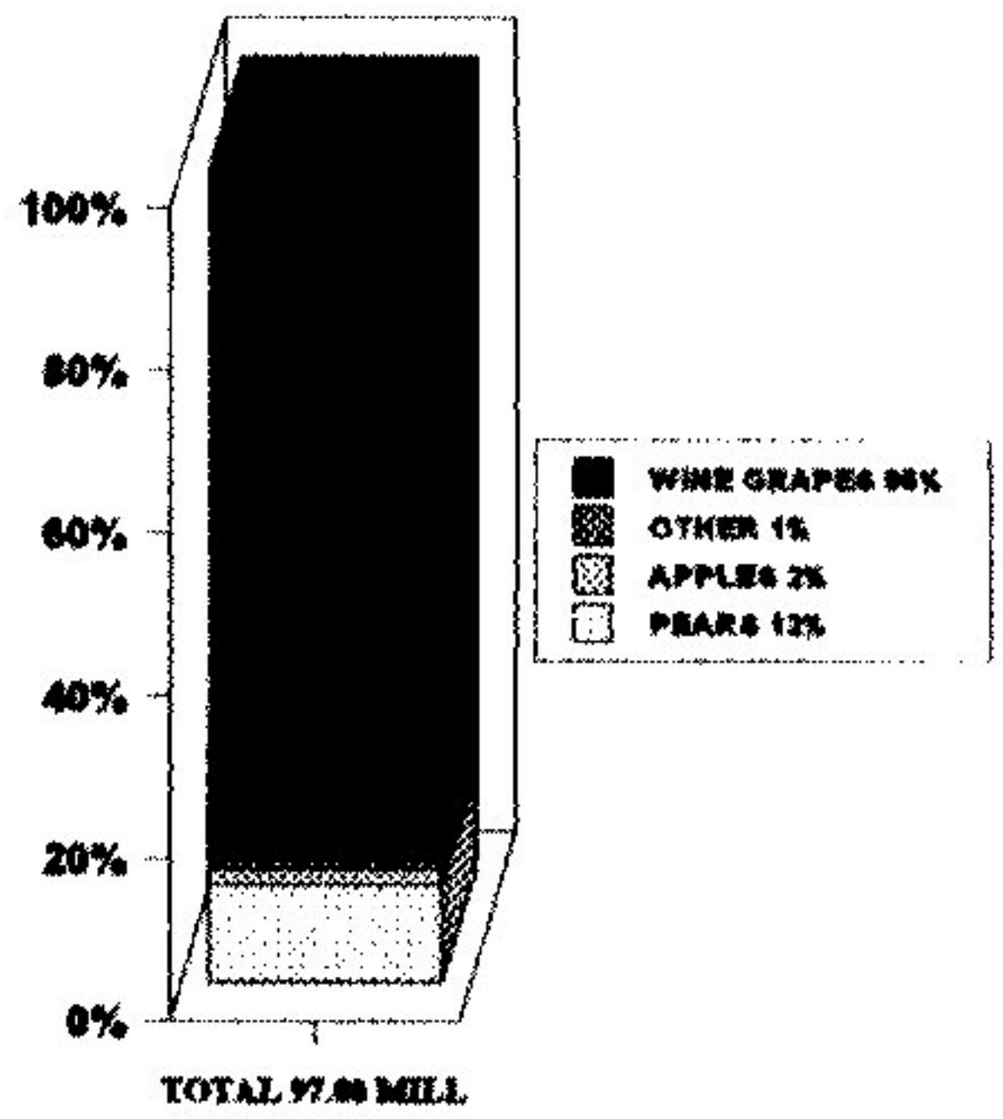
9. RANGE $1,640,100

10. BOSC 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	$ 131,200,000	$ 126,943,400
TOTALS	**$ 275,608,500**	**$ 254,617,500**

SUPPLEMENT TO CROP REPORT COMMERCIAL FISH CATCH

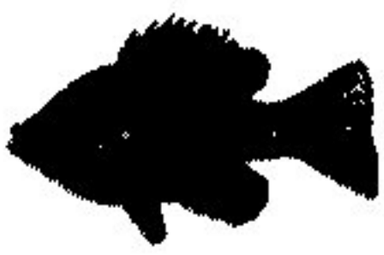
COMMODITY (TOP 10 LISTED BY VALUE)	YEAR	TOTAL LBS.	TOTAL VALUE
URCHIN, RED	1998	2,803,227	$ 1,764,576
	1997	3,591,677	$ 3,046,469
CRAB, DUNGENESS	1998	538,295	$ 1,049,806
	1997	946,021	$ 1,704,002
SABLEFISH	1998	475,635	$ 533,432
	1997	1,228,011	$ 1,797,988
ROCKFISH, UNSPECIFIED	1998	1,008,560	$ 412,357
	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

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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

