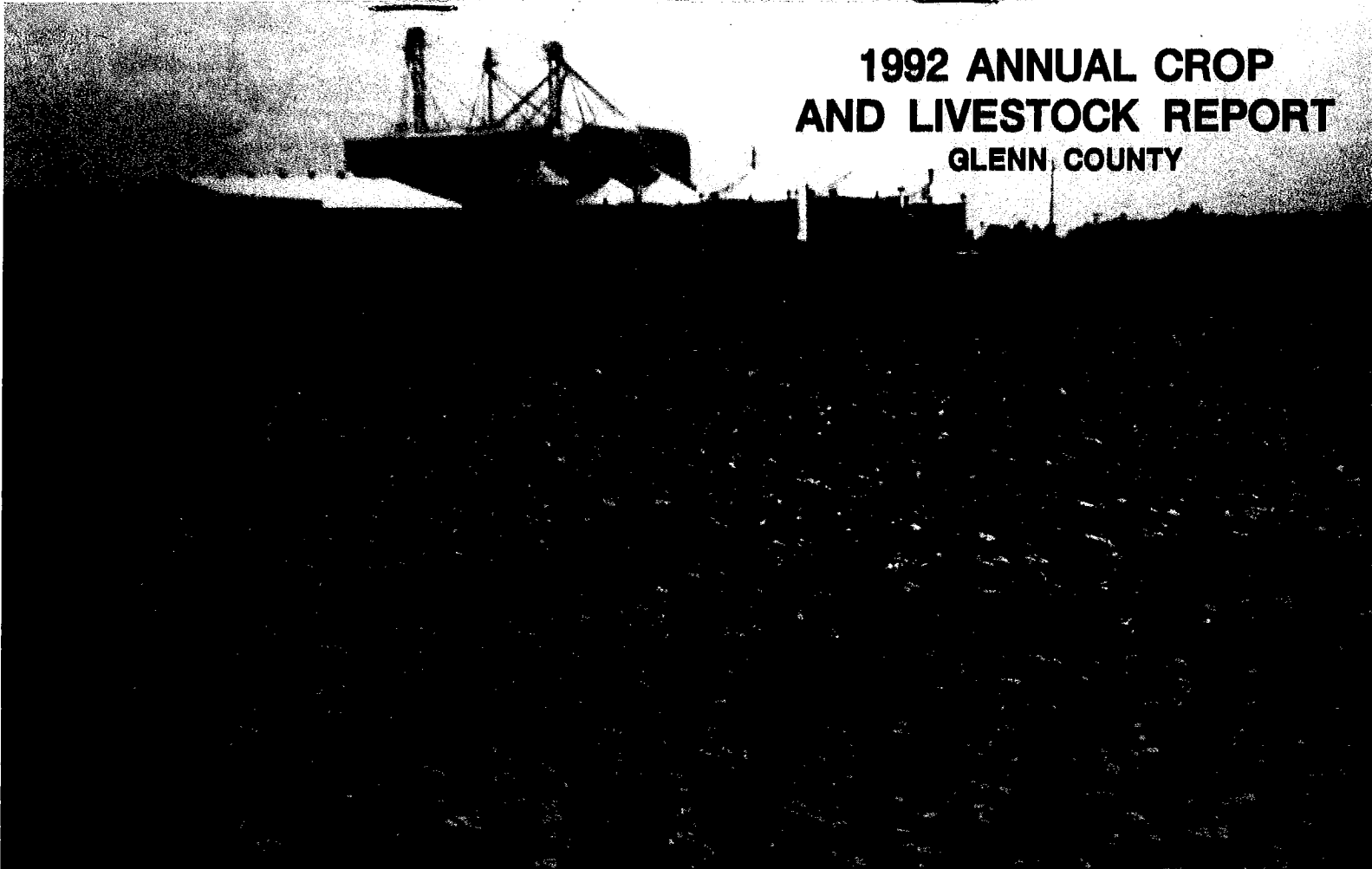


**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

**P. O. Box 351
WILLOWS, CA 95988**



**1992 ANNUAL CROP
AND LIVESTOCK REPORT
GLENN COUNTY**

**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

P. O. Box 351
720 North Colusa Street
WILLOWS, CALIFORNIA 95988

**1992 ANNUAL CROP
AND LIVESTOCK REPORT**

GLENN COUNTY BOARD OF SUPERVISORS

Jim Mann, Chairman

Joanne Overton

Ken Burbank

Dick Mudd

Marilyn Baker

PERSONNEL

Ed Romano Agricultural Commissioner
W. R. Duckworth, Jr Assistant Commissioner
Ernest L. Simpson Senior Agricultural Biologist
John F. B. Tolley Senior Agricultural Biologist
Rey Lopez Agricultural Biologist III
Louie B. Mendoza, Jr Agricultural Biologist III
Jean Miller Agricultural Biologist III
Kirk Eidman Agricultural Biologist I
Jim Ward Agricultural Biologist Aide
Rick Steward Air Pollution Specialist
Paul Turek Air Pollution Specialist
Susie Gleason Office Manager
Maureen Bailey Secretary
Candy Woods Secretary
Colleen Gustafson Senior Clerical Assistant
Trudy Silveira Senior Clerical Assistant

County of *Glenn*

DEPARTMENT OF AGRICULTURE

ED ROMANO, Agricultural Commissioner
Sealer of Weights and Measures

May 3, 1993

Henry Voss, Director
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Glenn

The 1992 Annual Crop and Livestock Report for Glenn County is being submitted as required by Section 2279 of the California Agriculture Code.


Agricultural production reached a record high of \$217,802,000 primarily due to the exceptional growing season for rice, almonds, and prunes.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

The report includes a section on sustainable agriculture which highlights organic farming, pest exclusion, biological control, and other sustainable practices being employed in the county.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano
Agricultural Commissioner

ER:m

Production and Value of Agricultural Products

FIELD CROPS — 1991 - 1992

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1992	1,600	.98	1,568	Ton	\$101.00	\$158,000
	1991	2,136	.93	1,986	"	104.17	207,000
Beans	1992	3,321	.85	2,823	"	653.22	1,844,000
	1991	4,673	.89	4,159	"	606.41	2,522,000
Corn	1992	9,500	4.50	42,750	"	96.00	4,104,000
	1991	7,274	4.20	30,551	"	110.00	3,361,000
Hay Alfalfa	1992	19,323	7.00	135,261	"	75.00	10,145,000
	1991	20,327	7.00	142,289	"	85.00	12,095,000
Hay Other	1992	800	2.00	1,600	"	55.00	88,000
	1991	1,345	2.50	3,363	"	60.00	202,000
Pasture Irrigated	1992	16,575			Acre	120.00	1,989,000
	1991	16,575			"	120.00	1,989,000
Range	1992	240,000			"	7.00	1,680,000
	1991	240,000			"	6.00	1,440,000
Rice Paddy	1992	63,900	4.30	274,770	Ton	214.20†	58,856,000
	1991	53,335	3.90	208,007	"	214.20†	44,555,000
Silage	1992	3,200	25.00	80,000	"	26.00	2,080,000
	1991	3,000	24.00	72,000	"	24.00	1,728,000
Grain Sorghum	1992	1,260	2.30	2,898	"	90.00	261,000
	1991	1,536	2.30	3,533	"	106.00	374,000
Sugar Beets	1992	7,070	25.40	179,578	"	32.12	5,768,000
	1991	11,684	26.59	310,677	"	34.44	10,700,000
Wheat	1992	28,089	2.43	68,256	"	110.00	7,508,000
	1991	26,132	2.40	62,717	"	103.00	6,460,000
Miscellaneous	1992	2,535					1,159,000
	1991	2,215					990,000
TOTALS	1992	397,173					\$95,640,000
	1991	390,232					86,623,000

† Target Price ASCS Office

VEGETABLE CROPS — 1991 - 1992

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1992						
	1991						

Included under Field Crops
to avoid disclosing individual operations.

Production and Value of Agricultural Products

APIARY PRODUCTS — 1991 - 1992

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1992	140,000	Lb.	\$.51	\$71,000
	1991	222,000	"	.50	111,000
Beeswax	1992	3,000	"	1.00	3,000
	1991	5,000	"	1.00	5,000
Packaged Bees	1992	52,000	"	4.78	249,000
	1991	70,000	"	3.67	257,000
Queen Bees	1992	77,000	Each	5.05	389,000
	1991	70,000	"	4.74	332,000
Pollination	1992				780,000
	1991				560,000
TOTALS	1992				\$1,492,000
	1991				1,265,000

SEED CROPS — 1991 - 1992

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1992	275	508	139,795	Lb.	\$1.04	\$145,000
	1991	317	551	174,531	"	1.08	188,000
Beans	1992	2,246	1,689	3,793,494	"	.39	1,479,000
	1991	2,680	1,486	3,981,310	"	.33	1,314,000
Clover, all	1992	3,880	284	1,101,902	"	1.54	1,697,000
	1991	2,524	348	878,664	"	1.28	1,125,000
Rice	1992	1,909	8,400	16,036,000	"	.11	1,764,000
	1991	2,179	7,800	16,996,200	"	.11	1,870,000
Vine Crops	1992	2,031					1,875,000
	1991	1,239					1,182,000
Wheat	1992	977	4,800	4,690,000	Lb.	.10	469,000
	1991	610	4,800	2,928,000	"	.06	176,000
Other Seed	1992	3,511					2,024,000
	1991	5,985					2,210,000
TOTALS	1992	14,829					\$9,453,000
	1991	15,534					8,065,000

Production and Value of Agricultural Products

LIVESTOCK AND POULTRY — 1991 - 1992

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1992	21,892	163,188	Cwt.	\$72.49	\$11,829,000
	1991	22,054	154,946	"	78.15	12,109,000
Sheep and Lambs	1992	21,165	21,715	"	57.06	1,239,000
	1991	19,069	19,565	"	48.60	951,000
Hogs and Pigs	1992	1,761	3,275	"	46.00	151,000
	1991	1,995	3,700	"	47.82	177,000
Poultry	1992	Included under Livestock and Poultry Products				
	1991	to protect individual operations.				
TOTALS	1992					\$13,219,000
	1991					13,237,000

LIVESTOCK AND POULTRY PRODUCTS — 1991 - 1992

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1992	2,580,235	Cwt.	\$11.46	\$29,578,000
	1991	2,455,765	"	10.98	26,966,000*
Market	1992	2,015,252	"	11.61	23,397,000
	1991	1,901,404	"	11.17	21,239,000
Manufacturing	1992	564,983	"	10.94	6,181,000
	1991	554,361	"	10.33	5,726,000
Wool	1992	90,539	Lb.	.66	60,000
	1991	125,525	"	.53	67,000
Miscellaneous	1992				183,000
	1991				144,000
TOTALS	1992				\$29,821,000
	1991				27,177,000*

* Revised

NURSERY PRODUCTS — 1991 - 1992

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Nursery	1992	185					\$2,161,000
Production	1991	331					2,693,000

Production and Value of Agricultural Product.

FRUIT AND NUT CROPS — 1991 - 1992

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1992	16,051	.52	8,330	Meat	\$2,485.00	\$20,700,000
	1991	15,121	.43	6,502	Ton	2,200.00	14,304,000
Almond Hulls	1992			10,413	Ton	45.00	469,000
	1991			8,128	"	53.00	431,000
Citrus	1992	808	12.60	10,184	"	268.65	2,736,000
	1991	785	2.79	2,192	"	489.00	1,072,000
Olives	1992	2,545	4.69	11,944	"	542.24	6,477,000
	1991	2,245	4.84	10,863	"	525.73	5,711,000
Pistachios	1992	767	.96	738	Inshell	1,764.00	1,302,000
	1991	522	.60	313	Ton	2,960.00	926,000
Prunes	1992	7,906	2.92	23,079	Dry	966.00	22,294,000
	1991	7,379	1.68	12,397	Ton	1,042.00	12,918,000
Walnuts	1992	5,930	1.09	6,445	Inshell	1,300.00	8,379,000
	1991	5,875	1.27	7,437	Ton	1,125.00	8,367,000
Miscellaneous Fruits & Nuts	1992	1,047					1,721,000
	1991	1,067					1,163,000
TOTALS	1992	35,054					\$64,078,000
	1991	32,994					44,892,000

Production and Value of Forest Products

FOREST PRODUCTS — 1991 - 1992

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1992	13,600,000	Board	\$.137	\$1,851,000
	1991	34,875,000	Feet	.16	5,563,000
Firewood	1992	876	Cord	65.00	57,000
	1991	607	"	65.00	39,000
Christmas Trees	1992	2,469	Each	12.00	30,000
	1991	1,700	"	10.00	17,000
TOTALS	1992				\$1,938,000
	1991				5,619,000

Production and Value of Agricultural Product

GLENN COUNTY SUSTAINABLE AGRICULTURE — 1991 - 1992

PEST EXCLUSION

TERMINAL INSPECTIONS	NUMBER OF INSPECTIONS	REJECTIONS	PEST
Postal	104	0	
United Parcel Service	0	0	
Truck	2,902	0	
Other	290	0	
ORIGIN CERTIFICATION	NUMBER OF INSPECTIONS		
Field Inspections	169		
Phyto Certificates Issued	851		

ORGANIC FARMING

CROP	NUMBER OF FARMS	AMOUNT
Almonds	6	224 Acres
Dried Beans/Peas	1	40 Acres
Citrus	4	61 Acres
Oats	1	22 Acres
Plums	1	3 Acres
Rice	6	653 Acres
Vegetables	6	8 Acres
Walnuts	1	10 Acres

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE — 1991 - 1992

BIOLOGICAL CONTROL

PEST	CONTROL AGENT	PROGRAM SCOPE
Ash White Fly <u>Siphonius phillyreae</u>	Wasp <u>Encarsia Sp.</u>	7 Release Sites
	Beetle <u>Clitostethus arcuatus</u>	3 Release Sites
Italian Thistle <u>Carduus tenuiflorus</u>	Weevil <u>Rhenocyllus conicus</u>	2 Release Sites
Puncture Vine <u>Tribulus tenestrus</u>	Stem and Seed Weevils <u>Microlarinus lypriformis</u> <u>Microlarinus lareyniei</u>	5 Release Sites
Yellow Star Thistle <u>Centaurea solstitialis</u>	Weevil <u>Bangasternus orientalis</u>	5 Release Sites
	Fly <u>Urophora sirunaseva</u>	2 Release Sites

PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Artichoke Thistle <u>Cynara cardunculus</u>	Chemical - Mechanical	2
Canada Thistle <u>Cirsium arvense</u>	Chemical - Mechanical	1
Dyerswoad <u>Isatis tinctoria</u>	Chemical - Mechanical	1
Hoarycress <u>Cardaria draba</u>	Chemical	16
Peppergrass <u>Lepidium latifolium</u>	Chemical	10
Plumeless Thistle <u>Carduus acanthoides</u>	Chemical - Mechanical	2
Russian Knapweed <u>Centaurea repens</u>	Chemical	1
White Horsenettle <u>Solanum elaeagnifolium</u>	Chemical	23

VALUE OF AGRICULTURAL AND FOREST PRODUCTION
GLENN COUNTY, CALIFORNIA

Value of Agricultural Production	1991	1992
Field Crops	\$86,623,000	\$95,640,000
Livestock and Poultry.....	13,237,000	13,219,000
Fruit and Nut Crops.....	44,892,000*	64,078,000
Livestock and Poultry Products.....	27,177,000*	29,821,000
Seed Crops.....	8,065,000	9,453,000
Apiary Products	1,265,000	1,492,000
Nursery Products	2,693,000	2,161,000
Total Agricultural Production	\$183,952,000	\$215,864,000

Value of Forest Products	1991	1992
Timber	\$5,563,000	\$1,851,000
Firewood.....	39,000	57,000
Christmas Trees	17,000	30,000
Total Forest Products	\$5,619,000	\$1,938,000

Grand Total All Production \$189,571,000 \$217,802,000

* Revised

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	1992 Value
1. Rice.....	\$58,856,000
2. Dairy Products.....	29,578,000
3. Prunes	22,294,000
4. Almonds	20,700,000
5. Cattle and Calves.....	11,829,000
6. Hay, Alfalfa	10,145,000
7. Walnuts	8,379,000
8. Wheat.....	7,508,000
9. Olives.....	6,477,000
10. Sugar Beets.....	5,768,000

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

113 YEARS — 1878 - 1992

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1916-1917	11.43	1954-1955	14.57
1879-1880	13.96	1917-1918	11.90	1955-1956	23.24
1880-1881	13.85	1918-1919	12.90	1956-1957	19.11
1881-1882	8.28	1919-1920	7.70	1957-1958	32.93
1882-1883	8.45	1920-1921	21.28	1958-1959	11.96
1883-1884	18.84	1921-1922	13.44	1959-1960	13.88
1884-1885	7.80	1922-1923	16.81	1960-1961	16.24
1885-1886	19.15	1923-1924	8.86	1961-1962	16.01
1886-1887	8.07	1924-1925	25.99	1962-1963	20.48
1887-1888	8.97	1925-1926	18.44	1963-1964	9.34
1888-1889	10.30	1926-1927	25.99	1964-1965	18.75
1889-1890	29.94	1927-1928	17.54	1965-1966	13.26
1890-1891	19.01	1928-1929	11.46	1966-1967	23.65
1891-1892	18.82	1929-1930	16.37	1967-1968	15.21
1892-1893	27.30	1930-1931	9.85	1968-1969	23.25
1893-1894	11.15	1931-1932	15.01	1969-1970	18.56
1894-1895	26.04	1932-1933	7.79	1970-1971	13.50
1895-1896	22.18	1933-1934	15.65	1971-1972	7.15
1896-1897	18.82	1934-1935	19.62	1972-1973	25.11
1897-1898	6.58	1935-1936	17.48	1973-1974	17.45
1898-1899	13.05	1936-1937	16.40	1974-1975	16.03
1899-1900	15.23	1937-1938	26.28	1975-1976	6.30
1900-1901	17.49	1938-1939	6.82	1976-1977	8.46
1901-1902	21.67	1939-1940	23.21	1977-1978	25.72
1902-1903	17.10	1940-1941	40.50	1978-1979	14.97
1903-1904	20.28	1941-1942	24.07	1979-1980	26.95
1904-1905	24.55	1942-1943	15.68	1980-1981	18.76
1905-1906	19.85	1943-1944	13.52	1981-1982	25.58
1906-1907	17.88	1944-1945	16.94	1982-1983	37.25
1907-1908	13.44	1945-1946	14.72	1983-1984	20.47
1908-1909	22.09	1946-1947	12.28	1984-1985	14.89
1909-1910	14.36	1947-1948	19.56	1985-1986	24.82
1910-1911	17.75	1948-1949	15.59	1986-1987	10.92
1911-1912	11.26	1949-1950	10.32	1987-1988	15.86
1912-1913	13.18	1950-1951	17.48	1988-1989	10.12
1913-1914	29.18	1951-1952	23.50	1989-1990	12.71
1914-1915	27.19	1952-1953	19.70	1990-1991	15.51
1915-1916	18.11	1953-1954	16.64	1991-1992	17.19