

**1993 ANNUAL CROP
AND LIVESTOCK REPORT
GLENN COUNTY**



**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

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

**1993 ANNUAL CROP
AND LIVESTOCK REPORT**

GLENN COUNTY BOARD OF SUPERVISORS

Dick Mudd Chairman

Keith Hansen
Charles Harris

Ken Burbank
Marilyn Baker

PERSONNEL

Ed Romano Agricultural Commissioner
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Bob Birdseye Agricultural Biologist Aide
Susie Gleason Office Manager
Maureen Bailey... Senior Secretary
Colleen Gustafson Senior Clerical Assistant
Rick Steward Senior Air Pollution Specialist
Kevin Tokunaga Air Pollution Specialist
Candy Woods Air Pollution Assistant
Trudy Silveira Secretary

Cover photo: Baled rice stubble from rice fields in Glenn County

County of Glenn

DEPARTMENT OF AGRICULTURE

ED ROMANO, Agricultural Commissioner
Sealer of Weights and Measures

April 22, 1994

Henry Uoss, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Glenn

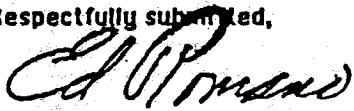
The 1993 Annual Crop and Livestock Report for Glenn County is being submitted as required by Section 2279 of the California Agriculture Code.

Agricultural production for 1993 shows a gross value of \$252,898,888, an increase from the 1992 record high of \$34,296,888. This is primarily due to a rise in the field crop production.

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

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:s

Production and Value of Agricultural Products

FIELD CROPS — 1992 - 1993

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1993	1,953	1.09	2,129	Ton	\$108.00	\$230,000
	1992	1,600	.98	1,568	"	101.00	158,000
Beans	1993	4,018	.825	3,315	"	642.44	2,130,000
	1992	3,321	.85	2,823	"	653.22	1,844,000
Corn	1993	10,721	5.07	54,356	"	112.67	6,124,000
	1992	9,500	4.50	42,750	"	96.00	4,104,000
Hay Alfalfa	1993	17,585	7.00	123,095	"	100.00	12,310,000
	1992	19,323	7.00	135,261	"	75.00	10,145,000
Hay Other	1993	6,759	2.30	15,546	"	80.00	1,244,000
	1992	800	2.00	1,600	"	55.00	88,000
Pasture Irrigated	1993	16,575			Acre	120.00	1,989,000
	1992	16,575			"	120.00	1,989,000
Range	1993	240,000			"	7.00	1,680,000
	1992	240,000			"	7.00	1,680,000
Rice Paddy	1993	77,424	4.30	332,923	Ton	214.20†	71,312,000
	1992	63,900	4.30	274,770	"	214.20†	58,856,000
Silage	1993	2,092	25.00	52,000	"	30.00	1,560,000
	1992	3,200	25.00	80,000	"	26.00	2,080,000
Grain Sorghum	1993	1,418	2.30	3,261	"	98.80	322,000
	1992	1,260	2.30	2,898	"	90.00	261,000
Sugar Beets	1993	8,352	23.05	192,525	"	27.91	5,373,000
	1992	7,070	25.40	179,578	"	32.12	5,768,000
Wheat	1993	31,760	2.60	82,576	"	105.67	8,726,000
	1992	28,089	2.43	68,256	"	110.00	7,508,000
Miscellaneous	1993	8,674					3,076,000
	1992	2,535					1,159,000
TOTALS	1993	427,331					\$116,076,000
	1992	397,173					\$ 95,640,000

† Target Price ASCS Office

VEGETABLE CROPS — 1992- 1993

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1993						
	1992						

Included under Field Crops
to avoid disclosing individual operations.

Production and Value of Agricultural Products

APIARY PRODUCTS — 1992 - 1993

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1993	710,000	Lb.	\$.48	\$343,000
	1992	140,000	"	.51	71,000
Beeswax	1993	17,000	"	1.23	21,000
	1992	3,000	"	1.00	3,000
Packaged Bees	1993	108,000	"	4.75	513,000
	1992	52,000	"	4.78	249,000
Queen Bees	1993	122,000	Each	4.11	575,000
	1992	77,000	"	5.05	389,000
Pollination	1993				810,000
	1992				780,000
TOTALS	1993				\$2,262,000
	1992				1,492,000

SEED CROPS — 1992- 1993

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Alfalfa	1993	Included under miscellaneous to avoid disclosure of individual operations.						
	1992	275	508	139,795	Lb.	\$1.04	145,000	
Beans	1993	2,561	1,381	3,537,575	"	.35	1,253,000	
	1992	2,246	1,689	3,793,494	"	.39	1,479,000	
Clover, all	1993	3,783	464	1,753,634	"	1.40	2,460,000	
	1992	3,880	284	1,101,902	"	1.54	1,697,000	
Rice	1993	2,924	8,500	24,854,000	"	.11	2,734,000	
	1992	1,909	8,400	16,036,000	"	.11	1,764,000	
Vine Crops	1993	1,458			"		1,511,000	
	1992	2,031					1,875,000	
Wheat	1993	859	5,000	4,295,000	Lb.	.14	601,000	
	1992	977	4,800	4,690,000	"	.10	469,000	
Other Seed	1993	5,184					1,904,000	
	1992	3,511					2,024,000	
TOTALS	1993	16,769					\$10,463,000	
	1992	14,820					8,452,000	

Production and Value of Agricultural Products

LIVESTOCK AND POULTRY — 1992- 1993

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1993	21,688	162,177	Cwt.	76.64	\$12,429,000
	1992	21,892	163,188	"	72.49	11,829,000*
Sheep and Lambs	1993	15,344	15,743	"	61.34	966,000
	1992	21,165	21,715	"	57.06	1,239,000
Hogs and Pigs	1993	1,547	2,910	"	45.08	131,000
	1992	1,761	3,275	"	46.00	151,000
Poultry	1993	Included under Livestock and Poultry Products				
	1992	to protect individual operations.				
TOTALS	1993					\$13,526,000
	1992					13,219,000*

*Revised

LIVESTOCK AND POULTRY PRODUCTS — 1992- 1993

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1993	2,677,931	Cwt.	\$11.35	\$30,393,000
	1992	2,580,235	"	11.46	29,578,000
Market	1993	2,064,020	"	11.44	23,609,000
	1992	2,015,252	"	11.61	23,397,000
Manufacturing	1993	613,911	"	11.05	6,784,000
	1992	564,983	"	10.94	6,181,000
Wool	1993	80,250	Lb.	.405	33,000
	1992	90,539	"	.66	60,000
Miscellaneous	1993				170,000
	1992				183,000
TOTALS	1993				\$30,596,000
	1992				29,821,000

NURSERY PRODUCTS — 1992- 1993

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Nursery	1993	206					\$2,374,000
Production	1992	185			:		2,161,000

Production and Value of Agricultural Products

FRUIT AND NUT CROPS — 1992- 1993

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1993	16,700	.51	8,517	Meat	3,984.00	\$33,932,000
	1992	16,051	.55	8,849*	Ton	2,485.00	21,990,000*
Almond Hulls	1993			10,646	Ton	55.00	586,000
	1992			10,413	"	45.00	469,000
Citrus	1993	846	11.45	9,688	"	263.00	2,548,000
	1992	808	12.60	10,184	"	268.65	2,736,000*
Olives	1993	3,045	3.85	11,736	"	382.33	4,487,000
	1992	2,545	4.69	11,944	"	542.24	6,477,000
Pistachios	1993	770	.65	497	Inshell	1,964.34	976,000
	1992	767	.96	738	Ton	1,764.00	1,302,000
Prunes	1993	8,217	2.02	16,568	Dry	1,125.00	18,639,000
	1992	7,906	2.92	23,079	Ton	966.00	22,294,000
Walnuts	1993	6,120	1.31	8,042	Inshell	1,340.00	10,776,000
	1992	5,930	1.09	6,445	Ton	1,300.00	8,379,000
Miscellaneous Fruits & Nuts	1993	1,297					1,864,000
	1992	1,047					1,721,000
TOTALS	1993	36,995					\$73,808,000
	1992	35,054					65,368,000*

* Revised

Production and Value of Forest Products

FOREST PRODUCTS — 1992- 1993

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1993	13,300,000	Board	\$.22	\$2,910,000
	1992	13,600,000	Feet	.137	1,851,000
Firewood	1993	1,086	Cord	65.00	71,000
	1992	876	"	65.00	57,000
Christmas Trees	1993	2,046	Each	14.00	29,000
	1992	2,469	"	12.00	30,000
TOTALS	1993				\$3,010,000
	1992				1,938,000

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE — 1992 - 1993

PEST EXCLUSION

TERMINAL INSPECTIONS	NUMBER OF INSPECTIONS	REJECTIONS	PEST
Postal	211	0	
United Parcel Service	0	0	
Truck	6,074	0	
Other	3,547	0	
ORIGIN CERTIFICATION	NUMBER OF INSPECTIONS		
Field Inspections	183		
Phyto Certificates Issued	947		

ORGANIC FARMING

CROP	NUMBER OF FARMS	AMOUNT
Almonds	7	242 Acres
Citrus	3	71 Acres
Fruit Production	3	3 Acres
Dried Beans/Peas	1	40 Acres
Rice	5	730 Acres
Vegetables	7	9 Acres

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE — 1992 - 1993

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>	3 Release Sites
Puncture Vine <u>Tribulus terrestris</u>	Stem and Seed Weevils <u>Microgaster lypniformis</u> <u>Microgaster lareyniei</u>	10 Release Sites
Yellow Star Thistle <u>Centaurea solstitialis</u>	Weevil <u>Bangasternus orientalis</u>	10 Release Sites
	Fly <u>Urophora sirunaseva</u>	3 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
Dyerswood <u>Isatis tinctoria</u>	Chemical - Mechanical	3
Hoarycress <u>Cardaria draba</u>	Chemical	17
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	24
Dalmation Toadflax <u>Linaria dalmatica</u>	Chemical	9

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION
GLENN COUNTY, CALIFORNIA**

Value of Agricultural Production	1992	1993
Field Crops	\$95,640,000	\$116,076,000
Livestock and Poultry.....	13,219,000*	13,526,000
Fruit and Nut Crops	65,368,000*	73,808,000
Livestock and Poultry Products	29,821,000	30,596,000
Seed Crops	9,453,000	10,446,000
Apiary Products	1,492,000	2,262,000
Nursery Products	2,161,000	2,374,000
Total Agricultural Production	\$217,154,000*	\$249,088,000

Value of Forest Products	1992	1993
Timber	\$1,851,000	\$2,910,000
Firewood.....	57,000	71,000
Christmas Trees	30,000	29,000
Total Forest Products	\$1,938,000	\$3,010,000

Grand Total All Production\$219,092,000* \$252,098,000

* Revised

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	1993 Value
1. Rice.....	\$71,312,000
2. Almonds	33,932,000
3. Dairy Products.....	30,393,000
4. Prunes	18,639,000
5. Cattle and Calves.....	12,429,000
6. Hay, Alfalfa	12,310,000
7. Walnuts	10,776,000
8. Wheat.....	8,726,000
9. Corn.....	6,124,000
10. Sugar Beets.....	5,373,000

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

112 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	1992-1993	25.76