

MR. WEBER SERVICES JAPANESE BEETLE TRAP.

One of the functions of the Shasta County Department of Agriculture is to curtail the spread of harmful diseases, insects, and plants into the State and Shasta County. There are several methods used to accomplish this; an important element is the pest detection program. The insect trapping program is under the supervision of Agricultural Inspector, Joe Weber. This program is co-ordinated with each county in the State and the group effort benefits the State of California. To give the reader some idea; trogo traps, used for Khapra beetle detection cost about \$100,000 annually state-wide to maintain and service. By halting the spread of this devastating grain pest we save about one million dollars each year. To eliminate this pest the State spent \$2.5 million.

Basically, the trapping program consists of various types of insect traps that lure a specific insect and retain him through the use of aromatic baits. These traps are designed in certain ways to trap certain insects. There is one trap that is used for general pest detection, however.

Traps are placed in key areas or in areas where the specific pest may show up later. For example, Japanese beetle traps are placed around rose bushes and large turf areas, these being preferred hosts. Cherry fruit fly traps are of course placed in cherry orchards, generally around the perimeter of the county. Other key areas to place traps are in areas that have a high exposure to travelers, a common way pests are introduced into the county. Chances are, you will see a Japanese beetle trap in at least one park in Shasta County.



INSPECTION FOR JAPANESE BEETLE DAMAGE ON A PRIME HOST--ROSES.

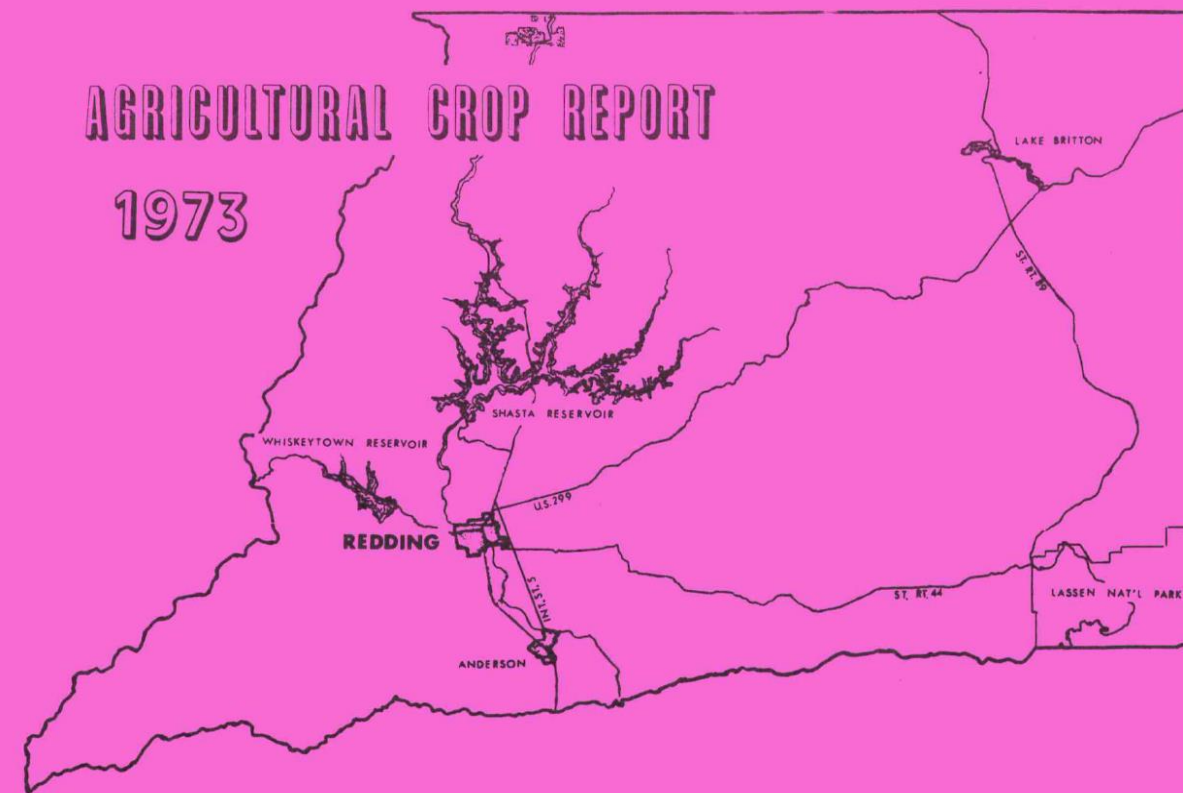
The traps are checked periodically and the scent bait replenished if necessary. This serves two purposes; one to enable the county to halt any spread of a pest as soon as possible, and another to keep the traps in full working order. To gain full benefit from the trapping program, it is necessary that people know the purpose of these traps and that they leave them alone. A molested trap cannot serve the purpose and may cause the introduction and spread of an unwanted pest in Shasta County.



INSPECTOR JOE WEBER INSTALLS CHERRY FRUIT FLY TRAP.

AGRICULTURAL CROP REPORT

1973



SHASTA COUNTY
AGRICULTURE COMMISSIONER
2430 Hospital Lane
Redding, California, 96001

ANNUAL CROP REPORT

For
YEAR ENDING - - DECEMBER 31, 1973

C.B. CHRISTENSEN, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE

SHASTA COUNTY
BOARD OF SUPERVISORS

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Mr. C.B. Christensen, Director of Food & Agriculture
The Honorable Board of Supervisors, Shasta County

Gentlemen:

This is a report of the condition, acreage, production and value of the agricultural products in Shasta County for the year 1973, submitted as required by Section 2279 of the California Agricultural Code. This report represents the gross value of production and does not attempt to show county inventory, net farm income, or cost of production.

Prices received for most crops were higher in 1973. Substantial increases were reported for livestock, wool, Christmas trees, beans, stone fruit crops, hay and grain crops. Increases in production were reported in swine, horses, Christmas trees, beans, walnuts, and hay crops.

Adverse weather conditions had their effect on some crops, but generally were not a large factor. Olive production was down in 1973 because of a severe frost. Oat production was considerably less because dry spring conditions did not allow the crop to mature properly.

Shasta county has a population of over 7,000 horses and the figures we reported for horses represent animals that were actually sold. Horse husbandry in Shasta County is an important industry and is becoming larger each year with more emphasis being placed on quality of stock, and is evidenced by increases in values.

Data for compiling this report have been obtained from producers, government agencies, representatives of agri-business, and individuals who have special knowledge in the field. The co-operative assistance we have received from them is sincerely appreciated. The compilation of the report was under the direction of Inspector Dave Haakonson.

C. Bruce Wade
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Agricultural Commissioner

COMPARISON SUMMARY

	1973	1972	1971	1970
LIVESTOCK	\$ 9,316,000	\$ 6,912,000	\$ 5,987,000	\$ 6,164,000
LIVESTOCK PRODUCTS	909,000	917,000	888,000	922,000
APIARY PRODUCTS	683,000	531,000	354,000	279,000
NURSERY STOCK	2,591,000	2,611,000	2,099,000	1,890,000
CHRISTMAS TREES	1,722,000	366,000	334,000	170,000
TREE CROPS	952,000	271,000	267,000	387,000
FIELD CROPS	9,568,000	5,956,000	4,885,000	4,539,000
Revised	\$25,741,000	\$17,564,000	\$14,814,000	\$14,351,000*

LIVESTOCK

	YEAR	NO. OF HEAD	PRODUCTION		VALUE	
			TOTAL LIVELWEIGHT	UNIT	UNIT	TOTAL
CATTLE & CALVES						
Beef Feeder Stock	1973	15,650	94,543	cwt	\$ 48.50	\$ 4,585,300
	1972	20,104	119,016	cwt	36.38	4,323,900
Breeder & Other Stock	1973	7,226		head	453.75	3,278,800
	1972	7,026		head	283.00	1,985,300
Milk Stock	1973	173		head	344.51	59,600
	1972	228		head	283.00	64,000
Dairy Calves	1973	197		head	63.96	12,600
	1972	376		head	52.00	19,700
TOTAL	1973					\$ 7,936,300
	1972					6,393,300
SHEEP & LAMBS						
Feeders & Lambs	1973	1,365	1,253	cwt	\$ 35.75	\$ 44,800
	1972	1,076	1,061	cwt	30.72	32,600
HOGS & PIGS						
Feeders	1973	1,677	981	cwt	53.31	\$ 52,300
	1972	1,292	848	cwt	32.11	27,200
Fat Hogs & Others	1973	1,032	2,400	cwt	43.33	104,000
	1972	709	1,483	cwt	28.08	41,600
TOTAL	1973					\$ 201,100
	1972					68,100
HORSES						
Recreational Stock	1973	2,860		head	\$ 412.00	\$ 1,178,300
	1972	1,390		head	300.00	417,000
TOTAL	1973					\$ 9,315,700
	1972					6,911,700

LIVESTOCK PRODUCTS

	YEAR	PRODUCTION	UNIT	AV. PER UNIT		TOTAL
				UNIT	VALUE	
MILK						
Market	1973	119,000	cwt	\$ 6.95		\$ 827,000
	1972	142,000	cwt	5.98		849,000
Manufacturing	1973	14,100	cwt	4.94		69,700
	1972	13,700	cwt	4.33		59,300
WOOL						
	1973	17,700	lb.	.72		12,800
	1972	29,000	lb.	.30		8,600
TOTAL	1973					\$ 909,500
	1972					916,900

APIARY PRODUCTS

	YEAR	PRODUCTION	UNIT	AV. PER UNIT		TOTAL
				UNIT	VALUE	
HONEY						
	1973	361,800	lb.	\$.49		\$ 175,500
	1972	392,600	lb.	.33		129,100
BEEES WAX						
	1973	11,800	lb.	.79		9,300
	1972	10,000	lb.	.63		6,300
PACKAGE BEES						
	1973	104,800	lb.	1.81		189,400
	1972	103,200	lb.	1.42		146,500
QUEENS						
	1973	117,100	ea.	1.93		226,100
	1972	110,900	ea.	1.57		174,600
POLLINATION						
	1973	18,900	col.	4.40		83,100
	1972	17,200	col.	4.31		74,300
TOTAL	1973					\$ 683,400
	1972					530,800

NURSERY STOCK

	YEAR	ACRES	PRODUCTION		VALUE	
			PER ACRE	PLANTS	UNIT	TOTAL
STRAWBERRY	1973	499	294	146,900	M	\$ 17.64
	1972	543	295	160,060	M	16.30
TOTAL						\$ 2,590,800
						2,611,000

CHRISTMAS TREES

	YEAR	ACRES	PRODUCTION		VALUE	
			PER ACRE	TREES	UNIT	TOTAL
CHRISTMAS TREES	1973			385,340	each	\$ 4.47
	1974			175,000	each	2.10
TOTAL						\$ 1,722,500
						365,700

TREE CROPS

	YEAR	HARVESTED ACRES	PRODUCTION		VALUE	
			PER ACRE	TOTAL	UNIT	TOTAL
FRUIT CROPS (pears, prunes, apples)	1973	550				\$ 484,200
	1972	555				101,300
OLIVES	1973	350		203	tons	343.84
	1972	650		312	tons	321.00
WALNUTS	1973	875		731	tons	544.00
	1972	875		140	tons	500.00
TOTAL TREE CROPS	1973					\$ 951,900
	1972					270,900

FIELD CROPS

	YEAR	HARVESTED ACRES	PRODUCTION		VALUE	
			PER ACRE	TOTAL	UNIT	TOTAL
BEANS	1973	468	18.59	8,698	cwt	\$ 31.64
	1974	369	17.28	6,377	cwt	15.00
MISC. CROPS (potatoes, corn, milo, safflower)	1973	602				329,600
	1972	444				196,900
GRAIN						
BARLEY	1973	1,137	1.08	1,227	tons	98.94
	1972	1,727	1.17	2,042	tons	55.00
OATS	1973	95	.67	64	tons	87.28
	1972	360	1.02	367	tons	73.87
WHEAT	1973	698	1.14	794	tons	81.36
	1972	625	2.54	1,587	tons	55.00
HAY						
ALFALFA	1973	21,221	4.07	86,369	tons	50.84
	1972	15,715	3.90	61,288	tons	32.46
OTHER HAY	1973	11,941	1.66	19,822	tons	39.17
	1972	10,558	2.17	22,911	tons	29.76
PASTURE						
IRRIGATED	1973	34,400	60.00			60.00
	1972	33,400	50.00			50.00
IMPROVED	1973	87,300	6.00			6.00
	1972	81,100	5.00			5.00
RANGELAND						
	1973	338,800	3.00			3.00
	1972	346,000	2.00			2.00
TOTAL FIELD CROPS	1973					\$ 9,568,000
	1972					5,663,600