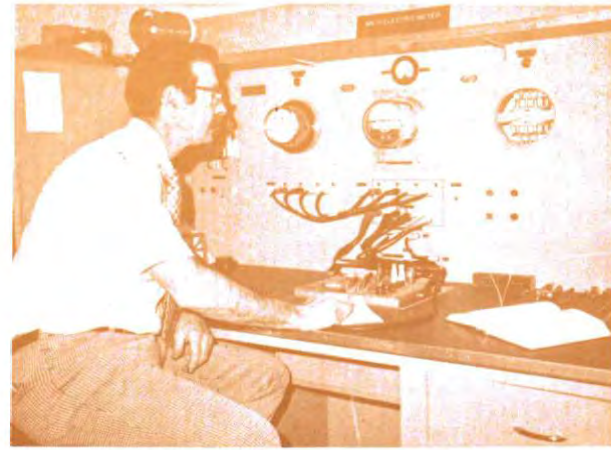


Donald McBroome operating vapor meter test bench.



Jack Hauer testing an electric meter against the standard.

Incorporated into the Shasta County Department of Agriculture is the Division of Measurement Standards. The primary duty of weights and measures is to insure that the consuming public receive an accurate weight or measure of commodities purchased at all levels of trade. This function is achieved by the testing of all weighing and measuring devices to insure their accuracy. Two areas of the division are the testing of electric and vapor meters through the use of specialized test equipment.

There are approximately 3,000 electric meters and 3,500 vapor meters under our jurisdiction in Shasta County. This encompasses meters owned by people and companies not under the jurisdiction of the Public Utility Commission. Typical owners are gas companies and trailer parks. Frequency of testing for both types of meters is at least every ten years or at the time of a new installation. Accuracy of all meters tested must fall within a two percent margin of error. The average error on meters in service in Shasta County is maintained at approximately four tenths of one percent of error. This is an extremely high level of accuracy and well within the tolerance set by the State of California Division of Measurement Standards.

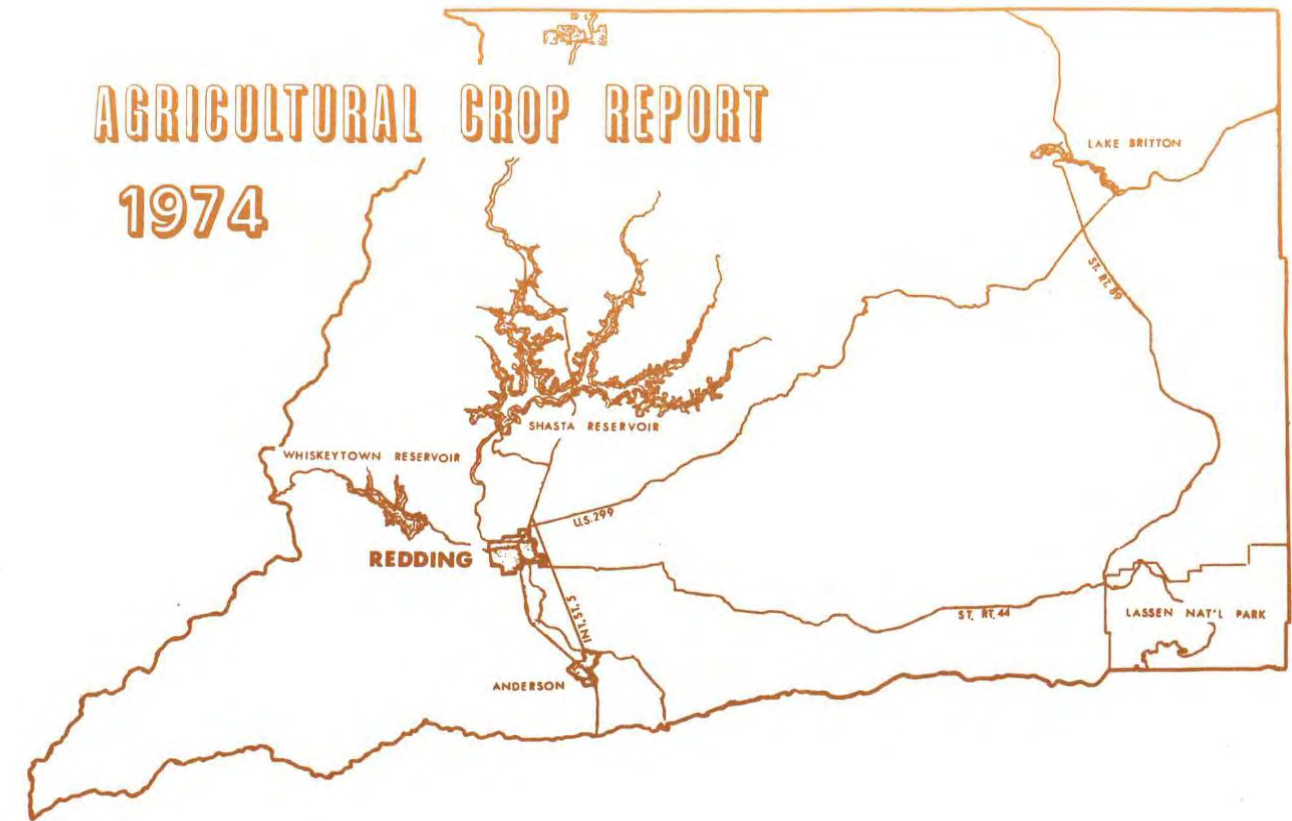
Each inspector operating the test equipment has received extensive training in the use and testing procedures of the equipment. The inspectors are certified by the State of California through a series of tests. While some may consider the qualifications for this task higher than necessary, the training and testing guarantees professional quality work at all times.



Jack Hauer preparing to test an electric meter.



C. Bruce Wade - Sealer of Weights & Measures attaching seal to vapor meter.



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

ANNUAL CROP REPORT

For
 YEAR ENDING - - DECEMBER 31, 1974
 DR. TIM WALLACE, DIRECTOR
 CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
 SHASTA COUNTY
 BOARD OF SUPERVISORS
 BESSIE L. SANDERS, CHAIRMAN. . . .DISTRICT 2
 HENRY F. KEEFER.DISTRICT 1
 JOHN R. CATON.DISTRICT 3
 PATRICK G. LAPOINTE.DISTRICT 4
 DAN GOVER.DISTRICT 5
 Dr. Tim Wallace, Director of Food & Agriculture
 The Honorable Board of Supervisors, Shasta County

Gentlemen:

This is a report of the condition, acreage, production and value of agriculture products in Shasta County for the year 1974, submitted as required by Section 2279 of the California Agriculture 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 agriculture commodities were generally lower in 1974; drastically lower for livestock. Tree crops, beans and other row crops were slightly lower in value. Prices were up somewhat for nursery stock, hay crops and grain crops. The values in apiary production were dramatically higher.

Agricultural production in 1974 was approximately the same as the previous year. Slight increases, however, were evident in grain and hay crops. Acreages of all field crops were higher also.

A large price differential has become evident between what the producer receives for his livestock and retail price of beef in the supermarket. One has but to look at these figures to see that livestock producers are not reaping large profits. In fact, many are caught in a severe price squeeze. This trend is evident to a lesser extent in other areas of agricultural production.

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
 C. Bruce Wade
 Agricultural Commissioner

COMPARISON SUMMARY

	1974	1973	1972	1971
LIVESTOCK	\$ 5,525,000	\$ 9,316,000	\$ 6,912,000	\$ 5,987,000
LIVESTOCK PRODUCTS	878,000	909,000	917,000	888,000
APIARY PRODUCTS	1,421,000	683,000	531,000	354,000
NURSERY STOCK	3,308,000	2,591,000	2,611,000	2,099,000
CHRISTMAS TREES	1,471,000	1,722,000	366,000	334,000
TREE CROPS	771,000	952,000	271,000	267,000
FIELD CROPS	11,994,000	9,568,000	5,956,000	4,885,000
	<u>\$25,368,000</u>	<u>\$25,741,000</u>	<u>\$17,564,000</u>	<u>\$14,814,000*</u>

LIVESTOCK

	YEAR	PRODUCTION		VALUE		
		NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	AV. PER UNIT	TOTAL
CATTLE & CALVES						
Beef Feeder Stock	1974	16,630	92,341	cwt	29.15	\$ 2,691,700
	1973	15,650	94,543	cwt	48.50	4,585,300
Breeder & Other Stock	1974	6,637		head	254.61	1,689,800
	1973	7,226		head	453.75	3,278,800
Milk Stock	1974	262		head	198.79	52,100
	1973	173		head	344.51	59,600
Dairy Calves	1974	261		head	47.24	12,300
	1973	197		head	63.96	12,600
				TOTAL		
	1974				\$ 4,445,900	
	1973				7,936,300	
SHEEP & LAMBS						
Feeders & Fat Lambs	1974	1,350	1,135	cwt	37.06	\$ 42,100
	1973	1,365	1,253	cwt	35.75	44,800
HOGS & PIGS						
Feeders & Fat Hogs	1974	1,219	1,304	cwt	36.11	47,000
	1973	2,709	3,881	cwt	40.27	156,300
HORSES						
Recreational Stock	1974	3,043		head	325.00	\$ 990,000
	1973	2,860		head	412.00	1,178,300
				TOTAL		
	1974				\$ 5,525,000	
	1973				9,315,700	

LIVESTOCK PRODUCTS

	YEAR	PRODUCTION		VALUE		
		PRODUCTION	UNIT	AV. PER UNIT	TOTAL	
MILK						
Market	1974	97,100	cwt	8.28	\$ 804,000	
	1973	119,000	cwt	6.95	827,000	
Manufacturing	1974	12,200	cwt	5.45	66,500	
	1973	14,100	cwt	4.94	69,700	
WOOL	1974	19,300	lb.	.41	7,800	
	1973	17,700	lb.	.72	12,800	
				TOTAL		
	1974				\$ 878,300	
	1973				909,500	

APIARY PRODUCTS

	YEAR	PRODUCTION		VALUE		
		PRODUCTION	UNIT	AV. PER UNIT	TOTAL	
HONEY	1974	501,400	lb.	.43	\$ 215,300	
	1973	361,600	lb.	.49	175,500	
BEE'S WAX	1974	13,400	lb.	1.32	17,700	
	1973	11,800	lb.	.79	9,300	
PACKAGE BEES	1974	133,100	lb.	4.39	584,700	
	1973	104,800	lb.	1.81	189,400	
QUEENS	1974	123,600	ea.	4.28	528,900	
	1973	117,100	ea.	1.93	226,100	
POLLINATION	1974	11,300	col.	6.61	74,700	
	1973	18,900	col.	4.40	83,100	
				TOTAL		
	1974				\$ 1,421,300	
	1973				683,400	

NURSERY STOCK

STRAWBERRY	YEAR	PRODUCTION		VALUE		
		ACRES	PER ACRE	PLANTS	UNIT	AV. PER UNIT
	1974	514	325	167,100	M	19.80
	1973	499	294	146,900	M	17.64
						TOTAL
						\$ 3,307,900
						2,590,800

CHRISTMAS TREES

CHRISTMAS TREES	YEAR	PRODUCTION		VALUE		
		ACRES	PER ACRE	TREES	UNIT	AV. PER UNIT
	1974			320,830	each	4.58
	1973			385,340	each	4.47
						TOTAL
						\$ 1,470,700
						1,722,500

TREE CROPS

FRUIT CROPS (Pears prunes apples olives persimmons)	YEAR	PRODUCTION		VALUE		
		HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AV. PER UNIT
	1974	1,035				\$ 439,000
	1973	900				554,000
WALNUTS	1974	875		752	ton	441.00
	1973	875		731	ton	544.00
						TOTAL TREE CROPS
						1974 \$ 770,800
						1973 951,900

FIELD CROPS

GRAIN	YEAR	PRODUCTION		VALUE		
		HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AV. PER UNIT
BARLEY	1974	1,260	1.16	1,465	tons	119.60
	1973	1,137	1.08	1,227	tons	98.94
OATS	1974	175	1.09	190	tons	138.42
	1973	95	.67	64	tons	87.28
WHEAT	1974	1,545	1.22	1,885	tons	136.89
	1973	698	1.14	794	tons	81.36
HAY	1974	23,714	4.31	102,326	tons	55.17
ALFALFA	1973	21,221	4.07	86,369	tons	50.84
OTHER HAY	1974	13,191	1.84	24,219	tons	45.93
	1973	11,941	1.66	19,822	tons	39.17
PASTURE	1974	34,000	70.00			70.00
Irrigated	1973	34,400	60.00			60.00
Improved	1974	87,000	7.00			7.00
	1973	87,300	6.00			6.00
Rangeland	1974	339,000	3.50			3.50
	1973	338,800	3.00			3.00
						TOTAL FIELD CROPS
						1974 \$ 11,993,700
						1973 9,568,000

*Revised