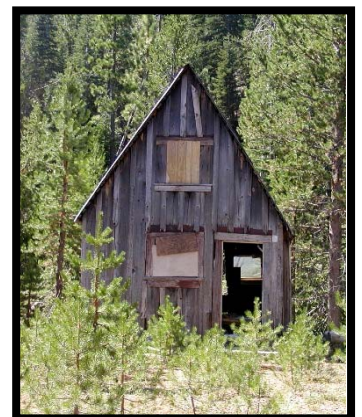


2006



BUTTE COUNTY

AGRICULTURAL CROP REPORT





Oroville Lake
By Rob Hill, Butte
County Ag. Dept.



Butte Creek



Upper Butte
Creek

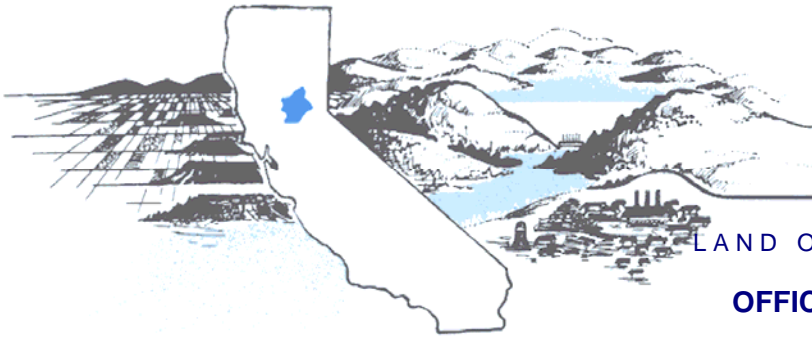


Table Mountain



Gray Lodge

By Lynne Pillus, Butte County Water and Resource Conservation Dept.



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

RICHARD B. PRICE
Agricultural Commissioner/
Director of Weights & Measures

LOUIE B. MENDOZA, JR.
Assistant Agricultural Commissioner
/ Weights & Measures

June 28, 2007

A.G. Kawamura, Secretary of
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Jane Dolan, Chairperson

Bill Connelly Curt Josiassen
Maureen Kirk Kim Yamaguchi

Paul McIntosh, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-fifth annual crop report of agricultural production and agricultural value in Butte County for the 2006 calendar year.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2006 totaled \$454,212,000. This is a 14.5 million dollar increase over the 2005 gross value total of \$439,690,000. The total increase in gross value of agriculture during 2006 is 33.9 percent above our county 10-year average of \$339,204,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

Richard B. Price

Richard B. Price, Agricultural Commissioner

**BUTTE COUNTY
AGRICULTURAL COMMISSIONER'S
OFFICE PERSONNEL**

Richard B. Price

Agricultural Commissioner/Director of Weights & Measures

Louie B. Mendoza Jr.	Assistant Agricultural Commissioner/Weights & Measures
Robert C. Hill	Deputy Agricultural Commissioner
Mary E. Daniels	Deputy Agricultural Commissioner

OROVILLE DISTRICT

Dave Sanford	Agricultural Biologist II
Charmaigne Damron	Administrative Assistant, Senior
Friede Violante	Office Specialist, Senior
Janice Wallick	Office Specialist
Matt Albertsen	Wildlife Specialist
Michael Brown	Agricultural /W&M Inspector I
Apolinar Barrales	Agricultural /W&M Inspector
Kevin Hermansen	Agricultural /W&M Inspector
Gary Imhoff	Agricultural /W&M Inspector
Sally Loker	GIS Technician

CHICO DISTRICT

Helmut Bloo	Agricultural Biologist, Supervisor
Navid Khan	Agricultural Biologist, Senior
Eric Pittman	Agricultural Biologist, Senior
Katharine Quist	Agricultural Biologist II
Randy Hartman	Agricultural Biologist II

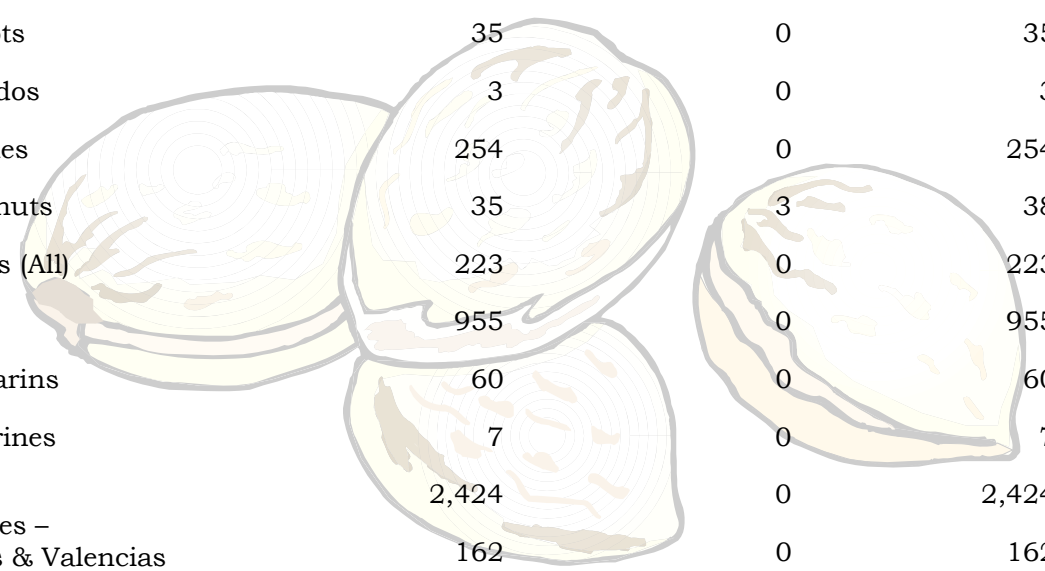
GRIDLEY DISTRICT

Mike Stewart	Agricultural Biologist, Supervisor
Ramon Jauregui	Agricultural Biologist III

WEIGHTS & MEASURES

Tom Pisani	Deputy Director of Weights & Measures
Ron Hunt	Weights & Measures, Senior
Dan Shrout	Weights & Measures Inspector III

2006 FRUIT & NUT CROPS ACREAGE STATISTICS



<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	38,137	1,825	39,962
Apples	78	0	78
Apricots	35	0	35
Avocados	3	0	3
Cherries	254	0	254
Chestnuts	35	3	38
Grapes (All)	223	0	223
Kiwis	955	0	955
Mandarins	60	0	60
Nectarines	7	0	7
Olives	2,424	0	2,424
Oranges – Navels & Valencias	162	0	162
Peaches, Clingstone	2,388	200	2,588
Peaches, Freestone	70	14	84
Pears (All)	16	0	16
Pecans	200	113	313
Persimmons	88	0	88
Pistachios	624	33	657
Plums	170	0	170
Dried Plums	10,700	1,065	11,765
Walnuts, English	29,400	5,580	34,980
Walnuts, Black	42	0	42
TOTAL	86,071	8,833	94,904

*Data from California Crop and Livestock Reporting Service and other sources

2006 FIELD CROPS

ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Beans, Dry edible	2006	600	1.19	714	ton	\$761.00	\$543,000
	2005	756	.86	650	ton	\$705.00	\$458,000
Hay, alfalfa	2006	1,944	5.30	10,303	ton	\$123.00	\$1,267,000
	2005	1,885	6.10	11,500	ton	\$109.00	\$1,254,000
Pasture, Irrigated	2006	15,500			acre	\$127.00	\$1,968,500
	2005	15,500			acre	\$115.00	\$1,783,000
Pasture, Other	2006	240,000			acre	\$10.00	\$2,400,000
	2005	240,000			acre	\$9.00	\$2,160,000
Rice	2006	105,673	4.12	435,373	ton	\$288.00	\$125,387,000
	2005	96,400	3.80	366,320	ton	\$235.00	86,085,000
Safflower	2006	150	.94	141	ton	\$267.00	\$37,600
	2005	210	1.30	273	ton	\$240.00	\$66,000
Wheat	2006	2,700	2.20	5,940	ton	\$110.00	\$653,000
	2005	1,600	2.74	4,384	ton	\$92.00	\$403,000
Misc.**	2006	4,690					\$4,441,000
	2005	4,731					\$4,665,000
Total	2006	371,257					\$136,697,000
	2005	361,082					\$96,874,000

*Includes government payments.

**Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, sorghum, sunflower, wild rice, sweet rice, organic field crops, crop by-products, etc.

2006 FRUIT AND NUT ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
Almonds	2006	38,137	.66	25,170	ton	\$4,150.00	\$104,456,000
	2005	40,084	.85	34,071	ton	\$5,500.00	\$187,391,000
Hulls	2006			31,463	ton	\$80.00	\$2,517,000
	2005			42,589	ton	\$84.00	\$3,577,000
Citrus, all oranges	2006	162	5.29	857	ton	\$750.00	\$643,000
	2005	162	7.06	1,144	ton	\$540.00	\$618,000
Kiwis	2006	860	5.41	4,653	ton	\$797.00	\$3,708,000
	2005	860	9.02	7,757	ton	\$869.00	\$6,741,000
*Olives	2006	1,907	.75	1,430	ton	\$1,000.00	\$1,430,000
	2005	1,882	2.44	4,592	ton	\$364.00	\$1,671,000
Peaches, Clingstone	2006	2,388	9.0	21,492	ton	\$276.00	\$5,932,000
	2005	2,855	15.0	42,825	ton	\$236.00	\$10,107,000
Pistachios	2006	624	1.26	786	ton	\$3,840.00	\$3,018,000
	2005	581	.55	320	ton	\$4,060.00	\$1,297,000
Plums, Dried	2006	10,230	3.19	32,634	ton	\$1,350.00	\$44,056,000
	2005	7,310	1.00	7,310	ton	\$1,000.00	\$7,310,000
Walnuts, English	2006	29,400	1.74	51,156	ton	\$1,560.00	\$79,803,000
	2005	27,080	2.00	54,160	ton	\$1,416.00	\$76,691,000
**Misc.	2006	3,225					\$6,795,000
	2005	1,364					\$4,708,000
TOTAL	2006	86,933					\$252,358,000
	2005	82,178					\$300,111,000

*Data includes olives grown for canning, specialty products and oil.

**Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc. Acres may vary from state report. Figures are based on harvested acres only.

2006 SEED ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
			<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>YEAR</u>
Beans, Dry Kidney	2006	371	1,985	736,435	lbs.	\$0.44	\$324,000
	2005	1,413	2,414	3,411,000	lbs.	\$0.40	\$1,364,000
Rice	2006	4,500	7,656	34,452,000	lbs.	\$0.16	\$5,512,000
	2005	3,443	7,831	26,962,000	lbs.	\$0.16	\$4,314,000
*Misc.	2006	567					\$643,000
	2005	1,597					\$1,578,000
Total	2006	5,438					\$6,479,000
	2005	6,453					\$7,256,000

*Beans (other), cucurbits, melons, pumpkins, safflower, squash, sunflower, watermelon, etc...

2006 VEGETABLE VALUE



	<u>YEAR</u>	<u>TOTAL VALUE</u>
*Misc.	2006	\$570,000
	2005	\$550,000

*Asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc.



2006 ORGANIC CROP STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>	<u>TOTAL VALUE</u>
Registered Organic Producers*	52	15,382	\$7,199,500

*Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.

2006 NURSERY ACREAGE & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL ACREAGE</u>	<u>TOTAL VALUE</u>
*Misc.	2006	198	\$19,905,000
	2005	183	\$11,099,000

*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, bedding plants, specimen trees.



2006 APIARY PRODUCTS PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Pollination	2006	40,029	Colony	145.00	\$5,804,000
	2005	42,136	Colony	\$80.00	\$3,371,000
*Other Apiary Products	2006				\$922,000
	2005				\$842,000
TOTAL	2006				\$6,726,000
	2005				\$4,213,000

*Includes beeswax, honey, beeswax, nuclei, packaged bees and queens.



2006 HARVESTED TIMBER PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION BOARD FEET*</u>	<u>VALUE</u>
Harvested Timber**	2006	62,797,000	\$19,653,000
	2005	29,936,000	\$7,662,000
Other Timber Products***	2006		\$9,000
TOTAL	2006		\$19,662,000
	2005		\$7,662,000

*Board feet is the quantity of timber cut and scaled.

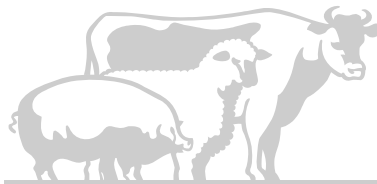
**Timber production and value data provided by State Board of Equalization, Timber Tax Division.

***First year category has been listed.



2006 LIVESTOCK AND POULTRY PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>VALUE</u>	
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Cattle & Calves	2006	14,500	86,275	cwt.	\$110.00	\$9,490,000
	2005	13,500	80,325	cwt.	\$111.00	\$8,916,000
Sheep, all	2006	1,700	1,850	cwt.	\$84.00	\$155,000
	2005	1,700	1,860	cwt.	\$98.90	\$184,000
Hogs, all	2006	690	1,380	cwt.	\$47.90	\$66,100
	2005	700	1,553	cwt.	\$50.70	\$79,000
*Misc.	2006					\$950,000
	2005					\$950,000
TOTAL	2006					\$10,661,000
	2005					\$10,212,000



*Fish, Poultry, Pheasant, Quail, Rabbits, Worms, Organic, etc.

2006 LIVESTOCK PRODUCTS

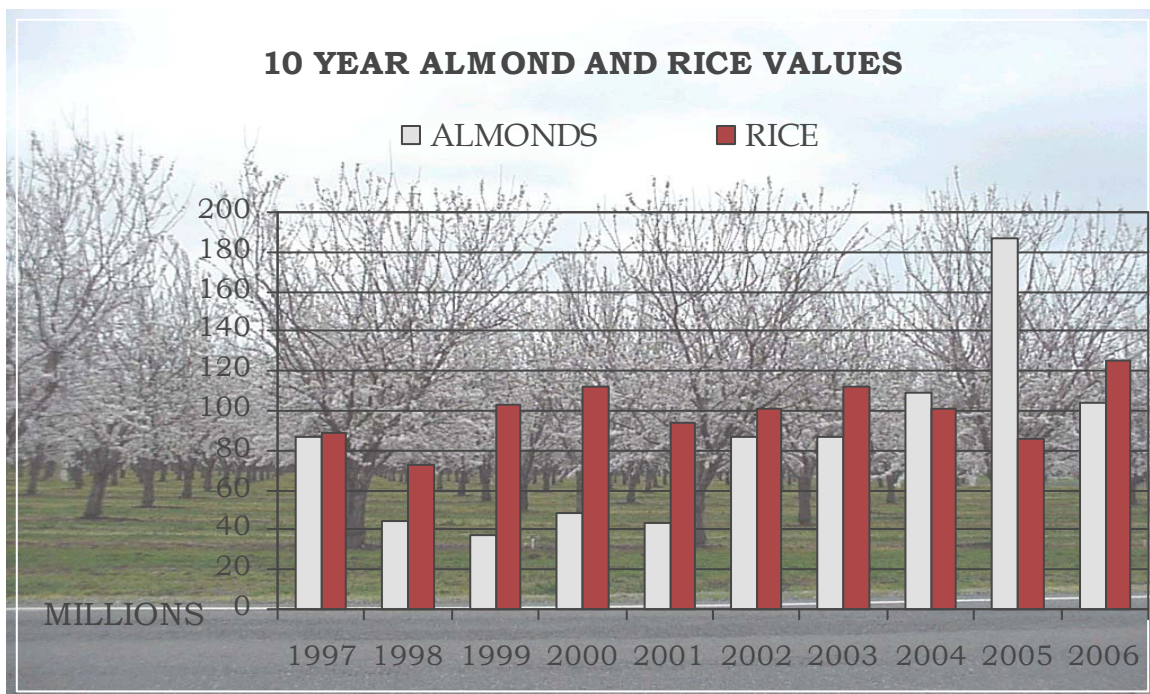
<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
Milk, Market*	2006	86,477	cwt.	\$12.81	\$1,108,000
	2005	107,354	cwt.	\$15.42	\$1,655,000
Milk, Manufacturing*	2006	3,619	cwt.	\$12.71	\$46,000
	2005	4,828	cwt.	\$12.01	\$58,000
TOTAL	2006	90,096			\$1,154,000
	2005	112,182			\$1,713,000

*California Agricultural Statistics Service



2006 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	RICE	\$125,387,000
2	ALMONDS	\$104,456,000
3	WALNUTS	\$79,803,000
4	DRIED PLUMS	\$44,056,000
5	NURSERY STOCK	\$19,905,000
6	TIMBER	\$19,653,000
7	CATTLE/CALVES	\$9,490,000
8	FRUIT & NUT CROPS, misc.	\$6,795,000
9	PEACHES, Clingstone	\$5,932,000
10	APIARY POLLINATION	\$5,804,000
11	RICE SEED	\$5,512,000
12	FIELD CROPS, misc.	\$4,441,000
13	KIWIS	\$3,708,000
14	PISTACHIOS	\$3,018,000
15	ALMOND HULLS	\$2,517,000
16	DRYLAND PASTURE & RANGE	\$2,400,000
17	PASTURE, Irrigated	\$1,968,500
18	OLIVES, All	\$1,430,000
19	HAY, Alfalfa	\$1,267,000
20	MILK, Market	\$1,108,000



FIVE-YEAR SUMMARY OF CROP VALUES



	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Field Crops	\$112,987,000	\$124,279,000	\$112,402,000	\$96,874,000	\$136,697,000
Seed Crops	\$6,877,000	\$7,459,000	\$8,080,000	\$7,256,000	\$6,479,000
Vegetable Crops	\$490,000	\$510,000	\$550,000	\$550,000	\$570,000
Fruit & Nut Crops	\$149,687,000	\$175,611,000	\$196,487,000	\$300,111,000	\$252,358,000
Nursery Stock	\$7,178,000	\$11,985,000	\$10,786,000	\$11,099,000	\$19,905,000
Apiary Products	\$2,260,000	\$2,624,000	\$2,578,000	\$4,213,000	\$6,726,000
Livestock, all	\$8,018,000	\$9,678,000	\$12,359,000	\$11,925,000	\$11,815,000
Subtotal	\$287,497,000	\$332,146,000	\$343,242,000	\$432,028,000	\$434,550,000
Timber, all	\$18,056,000	\$13,264,000	\$15,032,000	\$7,662,000	\$19,662,000
Grand Total	\$305,553,000	\$345,410,000	\$358,274,000	\$439,690,000	\$454,212,000

2006 FIVE-YEAR SUMMARY OF PLANT CROP ACRES



	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Field Crops	398,599	361,982	371,000	361,082	371,257
Seed Crops	6,020	5,978	6,050	6,453	5,438
Vegetable Crops	675	685	685	680	680
Fruit & Nut Crops	75,222	77,764	79,700	82,178	86,933
Grand Total	480,516	446,409	457,435	450,393	464,308



2006 BUTTE COUNTY

International

Trading Partners

Commodities Exported:

Almonds
Almond Shells
Air Plants
Figs

Kiwi
Plums, fresh
Plums, dried
Rice, all

Seeds, other
Sunflower Seeds
Tomatoes, sun dried
Walnuts

Destination Countries:

Algeria
Australia
Belgium
Brazil
Cambodia
Chili
China
Czech Republic
Denmark
Ecuador
France
Germany
Greece
Guatemala
Hong Kong
Hungary

India
Israel
Italy
Japan
Kenya
Kyrgyzstan
Latvia
Malaysia
Mexico
Mongolia
Morocco
Nepal
Netherlands
New Zealand
Oman
Philippines
Peoples Republic of
China

Poland
Republic of Korea
Russian Federation
Saudi Arabia
Singapore
South Africa
Spain
Sri Lanka
Sweden
Switzerland
Taiwan
Ukraine
United Arab Emirates
United Kingdom
Uzbekistan
Vietnam



2006 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion, and pest eradication programs serve to protect the county from infestation of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large-scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u> Exotic Pests	11,982 Shipments inspected for live pests, including Glassy-winged Sharp Shooter and Sudden Oak Death.	
<u>PEST DETECTION</u> Gypsy Moth, Med. Fly, Japanese & Khapra Beetle, Oriental, Melon & Glassy-winged sharpshooter.	993 Traps placed throughout the County to detect the presence of these pests.	
<u>PEST ERADICATION</u> Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed Dyer's Woad	Controlled by a combination of mechanical and chemical methods.	52 Sites spread throughout the county
<u>PEST MANAGEMENT</u> Glassy Winged Sharpshooter <u>Homalodisca coagulata</u>	Controlled by chemical method	Eradicated January 17, 2006
<u>PEST MANAGEMENT</u> & Yellowstar Thistle <u>Centaurea solstitialis</u>	<u>BIOLOGICAL CONTROL</u> Seed Weevils / Gall Fly / Seed Fly <u>Bangasternus/ Chaetoriella/ Eustenpus/ Larinus/ Urophora</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus/ Carduus pycnocephalus</u>	Seed head Weevils <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	A parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple loosestrife <u>Lythrum salicaria</u>	Root & seed Weevils/Leaf Beetles <u>Hylobius/Nanophyes/galerucella</u>	Nursery sites
Eucalyptus Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic wasp <u>Psyllaephagus bliteus</u>	Nursery sites

