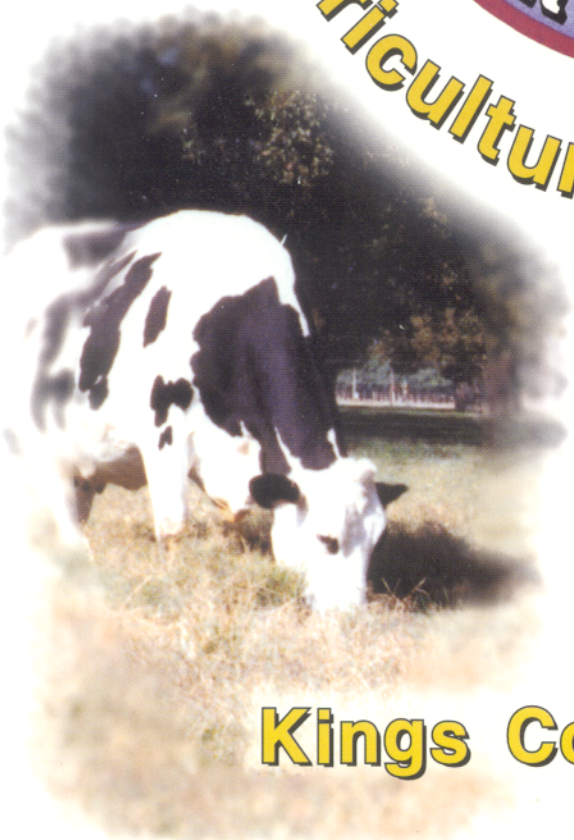
2000

COUNTY OF KINGS AGRICULTURE

Agricultural Crop Report



Kings County, California

IS ENOUGH BEING DONE TO PRESERVE OUR AGRICULTURAL RESOURCES?

Agricultural resources have evolved through the centuries to continue providing food and fiber for the growing world population. Today's agriculture is the evolutionary product resulting from the demands of consumers for more food of the highest possible quality and nutritional value at cheaper market prices reliably delivered year round. Since the beginning of recorded history agriculturists have made advances in cultural practices to better cope with the influences of pests and diseases, abnormal weather, supply and demand, market values, availability of quality water, etc.

The competitive and economic challenges of improved efficiency, as sought by the earliest agriculturists, continues today. However, the challenges of the past seem simpler by today's standards. In past centuries the majority of the world's population was dispersed in rural agrarian settings. This historical information is worth noting here because never before in our history has the urbanized population wielded the political voting power it holds today, thus resulting in agricultural policy guidelines being decided by voters with no agricultural experience.

The ease of inter-state and international travel and commercial transportation makes the challenge of mitigating the introduction of non-native pests and diseases in this state a larger scale problem. Educating the public is essential to protecting our environment and sustaining the viability of our agriculture as a natural resource. The use of quarantines and other measures to prevent the introduction or spread of pests and diseases is the most economically feasible option. The Glassy Winged Sharpshooter is a recent example of an introduced pest that was ignored until it became known how easily it can spread a bacterium that can bring devastating economic consequences to the grape, nursery, and other industries of this state. Quarantines need to be maintained and enforced enabling the promotion and protection of our commodities therefore ensuring the flow of trade with our world trading partners that advances the stability of our economy. Requiring that the same standards for food safety, quality, and fair labeling be met by foreign imports into the U.S. will assure a level playing field for consumer protection as well as foreign competition to our agriculture. Federal and state environmental regulations are enacted to protect our health and the environment in which we live. The use of pesticides as a chemical tool to manage the pests and diseases of our crops, livestock, and human health is constantly monitored for environmental effects, therefore validating California grown food as the safest anywhere.

The available sources of energy and water present new challenges for agriculture. This past year the price and reliability of energy sources added unexpected costs to agricultural production. The prices demanded by foreign oil producers resulted in sharp increases to fuel and fertilizer prices. The use of fossil fuels have previously allowed agriculturists to significantly increase their efficiency thus maintaining a high quality source of food and fiber at lower production costs. Some of the surface water flowing in the streams and rivers of this state represents an untapped clean and natural energy source for the generation of electricity. Increasing the storage capacity for that water will reduce the threat from flooding while contributing a more reliable quantity for ag, urban, and environmental users. It is vitally important to the future of agriculture that we assure a reliable and affordable supply of electricity, natural gas, diesel, and gasoline, essential energy for the production, processing and transportation of our commodities. The challenge today in sustaining the future viability of our local agriculture is ensuring that policies establishing the priorities for the management of our natural resources also recognize the importance of promoting our local agriculture as a natural resource. We can not become dependent on foreign countries to feed our nation and the voter must be educated to understand the consequences of allowing this aspect of our national security to be lost.

Do you think enough is being done to promote and protect the future of your agricultural resources?

COUNTY OF KINGS DEPARTMENT OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES

Dennis F. Bray
Agricultural Commissioner
Sealer of Weights And Measures

Secretary William J. Lyons, Jr.
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings, California

April 17, 2001

It is my pleasure to submit to you the Kings County Crop Report for the year 2000. This publication presents statistical information on the acreage, yield, and gross value of Kings County agricultural products in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code.

The 2000 total gross value of Kings County's number one industry was $885,062,000. This represents a 1.8% decrease from the 1999 gross value of $901,614,000.

Favorable weather contributed to higher yields, resulting in a $22,321,000 increase (+7.2%) to the Field Crops category, totaling $332,855,000 and a $10,310,000 increase (+30.6%) to the Vegetable Crops category, totaling $43,998,000.

However, lower market prices led to a decrease in values of four of the crop categories in 2000. Values declined in Livestock and Poultry Products by $24,150,000 (-7.5%), Seed Crops by $11,703,000 (-38.9%), Livestock and Poultry by $8,018,000 (-7.0%), and Fruit and Nut Crops by $3,100,000 (-3.6%).

Milk remains at the top of the county's commodities, for the fifth consecutive year, with a value of $293,313,000, followed by cotton at $232,100,000, and cattle and calves at $62,617,000. The leading commodity did have a decrease in value of 7.6% less than the value set in 1999 due primarily to the lower price paid to dairy farmers in 2000.

I want to emphasize that the numbers in this report are gross values only and in no way reflect the net income to producers.

My thanks to Buzz Felleke, Agricultural and Standards Inspector III, and Ruben Arroyo, Deputy Commissioner/ Sealer in addition to other department staff who helped with the compilation and preparation of this report. Most of all, I wish to express my appreciation for the cooperation of all agricultural producers, contributing organizations, and those individuals who provided necessary information for this report.

Respectfully Submitted,

Dennis F. Bray
Agricultural Commissioner
Sealer of Weights and Measures

TABLE OF CONTENTS

Visit Our Web Site @ http://www.kingsagcomm.com

KINGS COUNTY

Kings County Board of Supervisors

Joe A. Neves ..... District I

Jon N. Rachford ..... District II

Tony T. Oliveira ..... District II

Tony Barba ..... District IV

Alene L. Taylor ..... District V

County Administrative Officer

Larry Spikes

Agricultural Commissioner/Sealer of Weights and Measures

Dennis F. Bray

Assistant Agricultural Commissioner/Sealer

Tim Niswander

Deputy Agricultural Commissioners/Sealers

Ruben J. Arroyo Steve Schweizer Les Wright

Agricultural and Standards Inspectors

Joe Avila

Bernard Costa

Bill DeRaad

Jim Dodd

Vince Evans

Ron Evans

Buzz Felleke

Mario Gutierrez

Rusty Lantsberger

Michael Leoni

Stevie McNeill

Alfredo Prieto

Robert Torrez

Joan Vernon

Agricultural Computer Systems Coordinator

Lynda Schrumpf

Agricultural and Standards Aides

Timmie Bressler Tom Chambers

Clerical

Diane O'Daniel

Lynda Gabbard Angela Davis-Hall Linda Lavars

FIELD CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Value Total
Barley	2000	2,874	1.18	3,391	Ton	$101.13	$343,000
	1999	9,115	0.90	8,203	Ton	$104.05	$854,000
Beans Dry a/	2000	10,752	1.01	10,860	Ton	$543.06	$5,898,000
	1999	8,268	1.05	8,681	Ton	$503.00	$4,367,000
Corn Silage	2000	42,991	25.41	1,092,401	Ton	$14.24	$15,556,000
	1999	47,717	25.95	1,238,256	Ton	$16.83	$20,840,000
Cotton							
Acala-Lint b/	2000	73,030	2.61	190,608	495 lb.	$306.77	$58,473,000
	1999	66,117	2.75	181,822	495 lb.	$356.82	$64,878,000
Acala-Seed	2000			78,598	Ton	$160.00	$12,576,000
	1999			75,067	Ton	$155.00	$11,365,000
Cotton, Upland							
Non-Approved	2000	60,076	2.65	159,201	495 lb.	$334.36	$53,230,000
	1999	39,483	2.11	83,309	495 lb.	$351.75	$29,304,000
Non-Appv-Seed	2000			65,725	Ton	$160.00	$10,516,000
	1999			34,390	Ton	$155.00	$5,330,000
Cotton							
Pima-Lint b/	2000	84,003	2.19	183,967	495 lb.	$455.76	$83,845,000
	1999	93,675	2.22	207,959	495 lb.	$428.89	$89,191,000
Pima-Seed	2000			75,886	Ton	$145.00	$11,003,000
	1999			85,783	Ton	$133.00	$11,409,000
Cotton, Pima							
Non-Approved	2000	2,491	2.18	5,430	Ton	$392.80	$2,133,000
	1999						
Non-Appv-Seed	2000			2,236	Ton	$145.00	$324,000
	1999						
Hay							
Alfalfa	2000	53,710	6.87	368,988	Ton	$91.95	$33,928,000
	1999	50,193	6.46	324,244	Ton	$95.32	$30,907,000
Others c/	2000	1,397	3.76	5,253	Ton	$81.00	$425,000
	1999	1,917	3.70	7,094	Ton	$68.27	$484,000
Pasture							
Irrigated	2000	10,000			Acre	$113.00	$1,130,000
	1999	11,000			Acre	$112.00	$1,232,000
Range	2000	103,000			Acre	$2.30	$237,000
	1999	102,000			Acre	$2.40	$245,000

a/ All dry beans
b/ 495 lb. = 1 bale
c/ Includes hay and green chop from barley, oats and wheat

FIELD CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Value Total
Alfalfa	2000	25,096			Acre	$15.00	$376,000
Stubble	1999	28,096			Acre	$14.00	$393,000
Sugar Beets	2000	4,668	32.27	150,636	Ton	$34.40	$5,182,000
	1999	4,987	24.11	120,227	Ton	$33.50	$4,028,000
Wheat	2000	95,330	2.70	257,391	Ton	$112.64	$28,993,000
	1999	62,000	2.26	140,120	Ton	$115.23	$16,146,000
Other d/	2000	71,699					$8,687,000
	1999	68,290					$13,602,000
TOTAL	2000	641,117					$332,855,000
	1999	609,360					$310,534,000

d/ Includes corn grain, oat silage, safflower, screenings, sorghum, straw, sudangrass, wheat silage, and winter forage

SEED CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Value Total
Alfalfa, Cert.	2000	9,446	781	7,377,326	lb.	$1.65	$12,173,000
	1999	20,223	756	15,288,588	lb.	$1.66	$25,379,000
Non-Cert.	2000	608	590	358,720	lb.	$1.00	$359,000
	1999	529	824	435,896	lb.	$1.62	$706,000
Total	2000	10,054		7,736,046	lb.		$12,532,000
	1999	20,752		15,716,395	lb.		$26,085,000
Cotton, Cert.	2000	9,265		3,984	Ton	$215.00	$857,000
	1999	3,338		2,420	Ton	$231.00	$559,000
Wheat	2000	4,191	6,267	26,264,997	lb.	$0.06	$1,576,000
	1999	3,168	6,678	21,155,904	lb.	$0.05	$1,058,000
Other a/	2000	1,098					$3,447,000
	1999	743					$2,426,000
TOTAL	2000	24,608					$18,412,000
	1999	28,001					$30,128,000

a/ Asparagus, broccoli, cabbage, eggplant, flowers, garbanzos, lettuce , and sunflower

FRUIT & NUT CROPS

Crop	Year	Bearing Acreage	Production Per Acre	Total	Unit	Value Per Unit	Value Total
Almonds	2000	1,796	0.70	1,257	Ton	$2,445.00	$3,073,000
	1999	1,959	0.90	1,763	Ton	$1,595.73	$2,813,000
Almond Hulls	2000			1,297	Ton	$75.00	$97,000
	1999			1,293	Ton	$68.00	$88,000
Apples							
Fresh	2000			3,053	Ton	$521.00	$1,591,000
	1999			3,680	Ton	$479.00	$1,763,000
Processed	2000			1,221	Ton	$42.00	$51,000
	1999			1,706	Ton	$32.00	$55,000
Apples Total	2000	420	7.27	4,274	Ton		$1,642,000
	1999	517	7.12	5,386	Ton		$1,818,000
Apricots							
Fresh	2000			1,316	Ton	$804.26	$1,058,000
	1999			915	Ton	$1,166.67	$1,068,000
Processed	2000						
	1999			392	Ton	$126.00	$49,000
Apricots Total	2000	299	4.40	1,316	Ton		$1,058,000
	1999	330	3.96	1,307	Ton		$1,117,000
Firewood	2000			1,336	Cord	$95.00	$127,000
	1999			1,500	Cord	$90.00	$135,000
Grapes	2000						
Raisin Varieties							
Fresh				2,500	Ton	$1,238.00	$3,095,000
Dried*				4,915	Ton	$1,025.00	$5,038,000
Crushed				2,829	Ton	$126.37	$358,000
Canned				256	Ton	$255.00	$65,000
Total		2,578		10,500			$8,556,000
Grapes	1999						
Raisin Varieties							
Fresh				1,500	Ton	$950.00	$1,425,000
Dried				7,500	Ton	$1,228.00	$9,210,000
Crushed				2,067	Ton	$200.00	$413,000
Canned				35		$245.00	$9,000
Total		2,578		11,102			$11,057,000

* "At the time of this report the bargaining price has not been determined and the Raisin Bargaining Association (RBA) is locked in a first time mandatory arbitration. The RBA's last offered price was $1,025.00 per ton on October 17, 2000 and is being used for reporting purposes only. This price reflects free-tonnage only. It is in no way intended to influence the arbitrated price which is yet to be determined. The final arbitrated price will be published in the 2001 Crop Report."

FRUIT & NUT CROPS

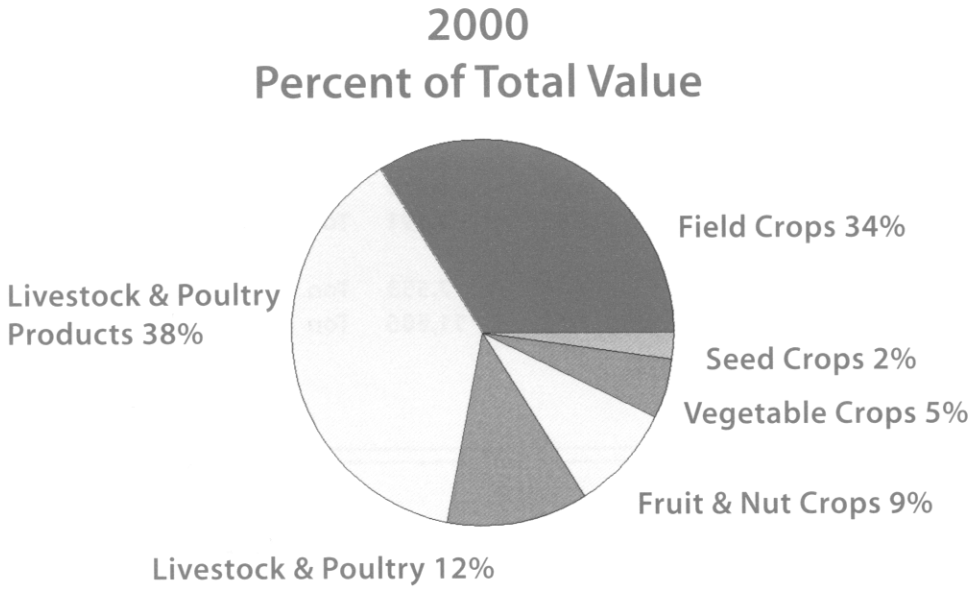
Crop	Year	Bearing Acreage	Production Per Acre	Total	Unit	Value Per Unit	Value Total
Table Varieties	2000	494	9.40	4,644	Ton	$105.00	$488,000
Crushed	1999	494	9.86	4,871	Ton	$184.00	$896,000
Fresh	2000	337	8.40	2,831	Ton	$1,047.00	$2,964,000
	1999	337	8.58	2,891	Ton	$952.00	$2,753,000
Wine Varieties	2000	1,769	11.07	19,582	Ton	$180.00	$3,525,000
	1999	1,769	15.81	27,968	Ton	$208.00	$5,817,000
Grapes Total	2000	5,178					$15,533,000
	1999	5,178					$20,523,000
Nectarines	2000	1,537	5.84	8,976	Ton	$500.00	$4,488,000
	1999	1,703	7.07	12,040	Ton	$492.71	$5,932,000
Peaches							
Clingstone	2000	1,128	18.00	20,304	Ton	$233.00	$4,731,000
	1999	1,214	17.00	20,638	Ton	$233.00	$4,809,000
Freestone	2000	2,519	7.20	18,137	Ton	$597.00	$10,828,000
	1999	2,613	6.20	16,201	Ton	$489.48	$7,930,000
Peaches Total	2000	3,647					$15,559,000
	1999	3,827					$12,739,000
Pistachios	2000	6,916	1.00	6,916	Ton	$2,067.00	$14,295,000
	1999	5,683	1.30	7,388	Ton	$2,902.29	$21,442,000
Plums	2000	1,560	5.30	8,268	Ton	$720.00	$5,953,000
	1999	1,736	4.30	7,465	Ton	$394.00	$2,941,000
Pomegranates	2000	1,725	2.00	3,450	Ton	$1,988.00	$6,859,000
	1999	945	2.53	2,391	Ton	$1,235.45	$2,954,000
Walnuts	2000	6,401	1.18	7,553	Ton	$1,142.00	$ 8,626,000
	1999	6,755	1.73	11,686	Ton	$ 872.17	$10,192,000
Other b/	2000	1,155					$5,002,000
	1999	1,125					$2,718,000
TOTAL	2000	30,634					$82,312,000
	1999	29,758					$85,412,000

b/ Includes asian pears, cherries, jojobas, kiwifruit, olives, pecans, persimmons, prunes, quince, and strawberries

VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Broccoli							
Processed	2000	766	5.00	3,830	Ton	$380.00	$1,455,000
	1999	988	2.25	2,223	Ton	$368.35	$819,000
Cantaloupes	2000	838	16.77	14,053	Ton	$211.21	$2,968,000
	1999	805	13.21	10,634	Ton	$175.10	$1,862,000
Tomatoes	2000	431	19.10	8,232	Ton	$345.94	$2,848,000
Fresh	1999	1,218	16.43	20,012	Ton	$190.68	$3,816,000
Processed	2000	9,969	47.00	468,543	Ton	$40.66	$19,051,000
	1999	8,217	37.00	304,029	Ton	$55.00	$16,722,000
Tomatoes Total	2000	10,400		476,775			$21,899,000
	1999	9,435		324,041			$20,538,000
Other a/	2000	3,372					$17,676,000
	1999	4,608					$7,434,000
TOTAL	2000	15,376					$43,998,000
	1999	17,789					$33,688,000

a/ Includes asparagus, carrots, cauliflower, eggplant, garlic, herbs, misc. melons, onions, peanuts, processed garlic, processed onions, processed peppers, pumpkins, sweet corn, squash, watermelons, and zuchinni



"To own a bit of ground, to scratch it with a hoe, to plant seeds, and watch their renewal of life this is the commonest delight of the race, the most satisfactory thing a man can do."
Charles Warner-1871

INVENTORIES OF LIVESTOCK & POULTRY

Item	January 1, 2000 Number of Head	January 1, 1999 Number of Head
Cattle and Calves		
All	175,000	192,000
Dairy Cows 2 Years and Over	130,000	124,688
Cattle and Calves on Feed	3,000	3,980
other	138,000	137,000
Sheep and Lambs	12,666	11,914
Goats	2,150	2,500
Hogs and Pigs	2,000	11,700
Turkeys	481,603	586,103

LIVESTOCK & POULTRY

Item	Year	Production Number Of Head	Production Total Liveweight	Unit	Value Per Unit	Value Total
Breeding Stock a/	2000					$1,620,000
	1999					$1,890,000
Cattle and Calves	2000	165,839	1,009,959	Cwt.	$62.00	$62,617,000
	1999	147,130	896,022	Cwt.	$57.00	$51,073,000
Sheep and Lambs	2000	12,666	15,072	Cwt.	$84.00	$1,266,000
	1999	11,914	14,416	Cwt.	$83.00	$1,197,000
Turkeys	2000	1,926,410	43,498,337	lb.	$0.70	$30,449,000
	1999	2,344,411	61,423,568	lb.	$0.75	$46,068,000
Other b/	2000					$10,277,000
	1999					$13,180,000
TOTAL	2000					$106,229,000
	1999					$114,247,000

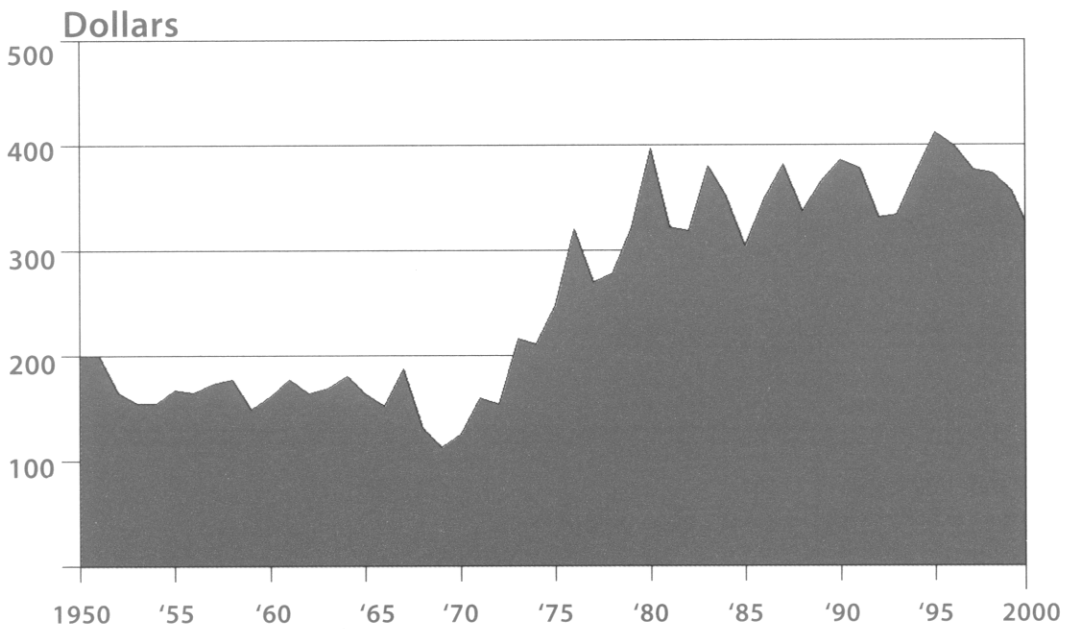
a/ For all animals except horses
b/ Includes catfish, chickens,goats, hogs and pigs

LIVESTOCK & POULTRY PRODUCTS

Item	Year	Production	Unit	Per Unit	Total
Eggs-Chicken	2000	3,469,189	Doz.	$0.70	$2,428,000
Market	1999	3,434,000	Doz.	$0.78	$2,679,000
Manure	2000	470,258	Ton	$6.00	$2,822,000
	1999	426,607	Ton	$6.00	$2,560,000
Milk					
Market	2000	25,900,325	Cwt.	$11.27	$291,897,000
	1999	23,903,904	Cwt.	$13.23	$316,249,000
Mfg.	2000	88,542	Cwt.	$9.99	$885,000
	1999	58,772	Cwt.	$11.77	$692,000
Milk, Goats	2000	16,995	Cwt.	$31.24	$531,000
	1999	17,025	Cwt.	$31.27	$532,000
Milk Total	2000	26,005,862			$293,313,000
	1999	23,979,701			$317,473,000
Wool	2000	131,726	lb.	$0.35	$46,000*
	1999	123,905	lb.	$0.38	$47,000*
TOTAL	2000				$298,609,000
	1999				$322,759,000

* Not including wool incentive

50 Years of Acala Cotton Bale Prices

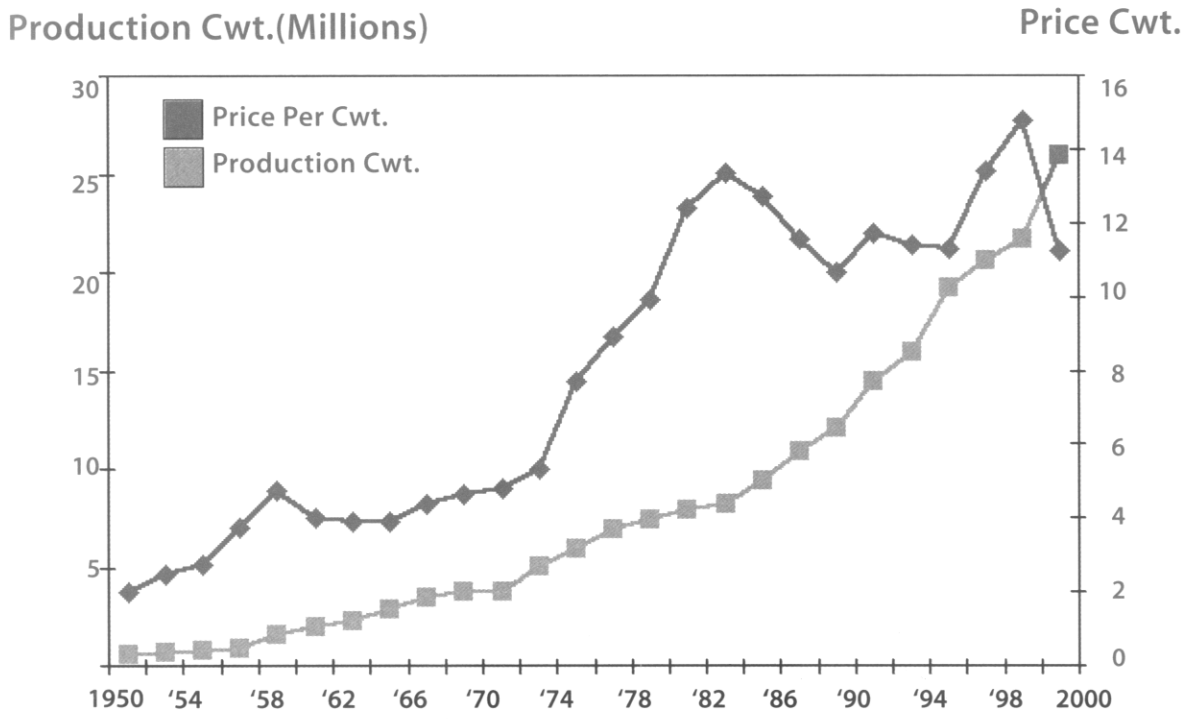


APIARY PRODUCTS

Item	Year	Total Production	Unit	Per Unit	Total
Apiary Products					
Honey	2000	2,728,145	lb.	$0.50	$1,364,000
	1999	5,078,146	lb.	$0.50	$2,539,000
Beeswax	2000	45,469	lb.	$1.20	$55,000
	1999	84,636	lb.	$1.05	$89,000
Pollination					
Seed Alfalfa	2000	28,137	Colonies	$30.00	$844,000
	1999	60,759	Colonies	$30.00	$1,823,000
Tree Fruit a/	2000	9,854	Colonies	$37.17	$366,000
	1999	9,021	Colonies	$40.00	$361,000
Cantaloupe	2000	690	Colonies	$18.00	$12,000
	1999	1,207	Colonies	$20.00	$24,000
Vegetable Seed	2000	293	Colonies	$20.00	$6,000
	1999	1260	Colonies	$18.00	$23,000
TOTAL	2000				$2,647,000
	1999				$4,859,000

a/ almonds, apples, cherries, kiwi, and plums

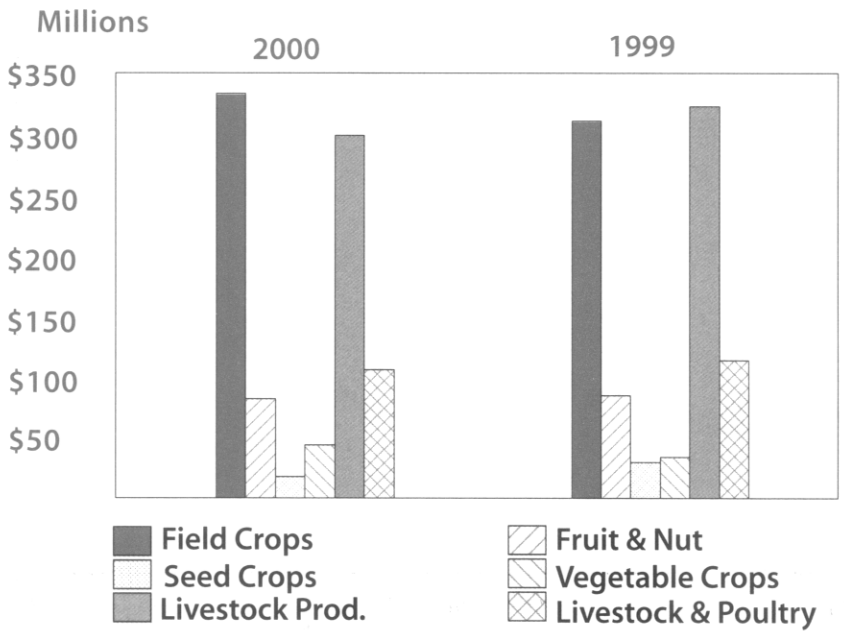
50 Years Milk Production vs. Price



FIVE YEAR COMPARISON OF ACREAGE & CROP VALUES

	1996	1997	1998	1999	2000
Apiary Products	3,776,000	4,270,000	3,673,000	4,859,000	2,647,000
Field Crops	330,146,000	318,157,000	223,872,000	310,534,000	332,855,000
Acreage	577,871	568,827	533,296	609,360	641,117
Fruit and Nut Crops	97,968,000	114,245,000	91,651,000	85,412,000	82,312,000
Acreage	28,766	28,773	29,017	29,758	30,634
Livestock and Poultry	112,813,000	116,111,000	112,287,000	114,247,000	106,229,000
Livestock and Poultry Products	283,059,000	283,885,000	328,725,000	322,759,000	298,609,000
Seed Crops	20,561,000	12,218,000	18,511,000	30,115,000	18,412,000
Acreage	25,042	19,584	30,498	28,001	24,608
Vegetable Crops	32,644,000	38,077,000	37,591,000	33,688,000	43,998,000
Acreage	16,585	11,125	14,268	11,125	15,376
TOTAL	$880,967,000	$886,963,000	$816,310,000	$901,614,000	$885,062,000

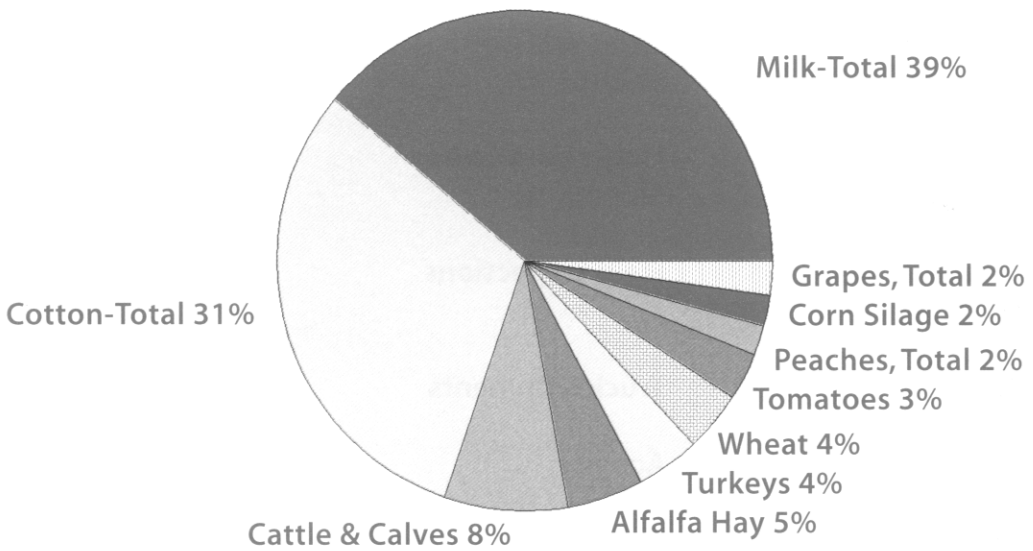
2000 and 1999 Production Value Comparisons



KINGS COUNTY'S TEN LEADING COMMODITIES

CROP	2000 RANK	2000 DOLLAR VALUE	1999 RANK	1998 RANK	1997 RANK
Milk, Total	1	$293,313,000	1	1	1
Cotton, Total	2	$232,100,000	2	2	2
Cattle and Calves	3	$62,617,000	3	3	3
Alfalfa, Hay	4	$33,928,000	5	5	5
Turkeys	5	$30,449,000	4	4	4
Wheat	6	$28,993,000	6	10	7
Tomatoes	7	$21,899,000	10	8	11
Peaches, Total	8	$15,559,000	12	11	9
Corn Silage	9	$15,556,000	8	7	13
Grapes, Total	10	$15,533,000	10	6	8
TOTAL		$749,947,000			

Top Ten Commodities of Kings County for 2000



"Burn down your cities and leave our farms, and your cities will spring up again as if magic, but destroy our farms and the grass will grow in every city in the country."
William Jennings Bryn, 1896

County Biological Control

Pest	Agent/Mechanism	Scope of Program
Puncture Vine Tribulus terrestris	Stem Mining Weevil Microlarinus lypriformis	Generally Distributed
	Seed Head Weevil Microlarinus lareynil	Generally Distributed
Yellow Starthistle Centaurea solstitialis	Seed Head Weevil Bangasternus orientalis	2 sites
	Gall Fly Urophora sirunaseva	1 sites
	Hairy Weevil Eustenopus villosus	3 sites
Ash Whitefly Siphoninus phillyreae	Parasitic Wasp Encarsia partenorea	Generally Distributed
Silverleaf Whitefly Bemisia argentifolii	Parasitic Wasp Eretmocerus sp.(M95104)	6 sites
	Eretmocerus sp.(M95012)	6 sites
	Eretmocerus mundus	6 sites

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
European Corn Borer Ostrinia nubilalis	Railroad Corn Shipments	308 Inspections
Gypsy Moth Lymantria dispar	Household Goods Shipments	17 Inspections
Red Imported Fire Ant Solenopsis invicta	Field Inspections	386 Traps
Various Pests	Truck Shipments	28,127 Inspections
Crops	**Activity**	**Scope of Program**
Export Commodities	Origin Certification	1,107 Issued
Export Seed	Field Inspections	145 Sites/23,156 Acres

County Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	217,109 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection	No Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranian Fruit Fly	260	Jackson Traps
Mexican Fruit Fly	60	McPhail Traps
Oriental Fruit Fly	30	Jackson Traps
Melon Fly	30	Jackson Traps
Gypsy Moth	74	Delta Traps
Japanese Beetle	70	Japanese Beetle Traps
European Corn Borer	15	Pherecon 1c Traps
European Pine Shoot Moth	6	Pherecon II Traps
Khapra Beetle	250	Trogo Traps
Western Cherry Fruit Fly	12	Adult Monitoring Traps
Apple Maggot	74	Adult Monitoring Traps
Olive Fruit Fly	36	Adult Monitoring Traps
Glassy-Winged Sharpshooter	354	Adult Monitoring Traps
Total	1,271	

EXPORTED COMMODITIES

Commodities Exported From Kings County

Alfalfa Seed
Almonds
Apples
Asparagus Seed
Cherries
Cotton Lint
Cotton Seed
Garbanzo Beans
Garlic
Garlic Seed
Grapes
Kiwifruit
Nectarines
Onions
Onion Seed
Peaches
Persimmons
Pistachios
Plums
Pomegranates
Safflower Seed
Tomatoes
Tomato Seed
Wheat Seed

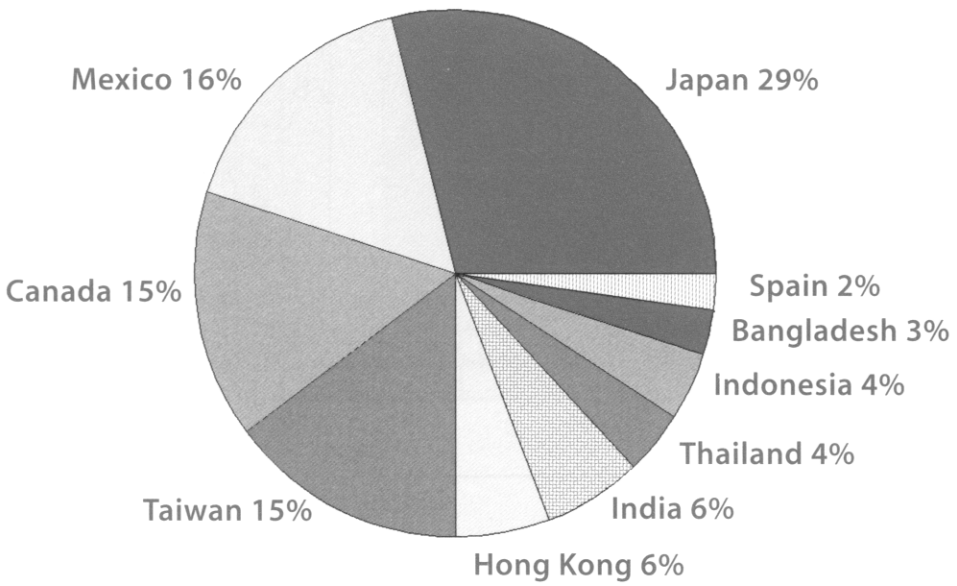
Export Trade Partners of Kings County in 2000

Argentina
Australia
Austria
Bangladesh
Belgium
Brazil
Canada
China
Costa Rica
Colombia
Czechosolovakia
Ecuador
Egypt
England
France
Germany
Greece
Guatamala
Guyana
Hong Kong
Hungary
India
Indonesia
Italy
Japan
Korea
Luxemburg
Malaysia
Mexico
Nepal
Netherelands
New Zealand
Panama
Paraguay
Peru
Philipines
Russia
Saudi Arabia
Singapore
Spain
Switzerland
Taiwan
Thailand
Turkey
United Kingdom
Venezuela
Vietnam
Zimbabwe

"There is life in the ground: It goes into the seeds; and it also, when stirred up, goes into the man who stirs it" Charles Warner

Export Trade Partners

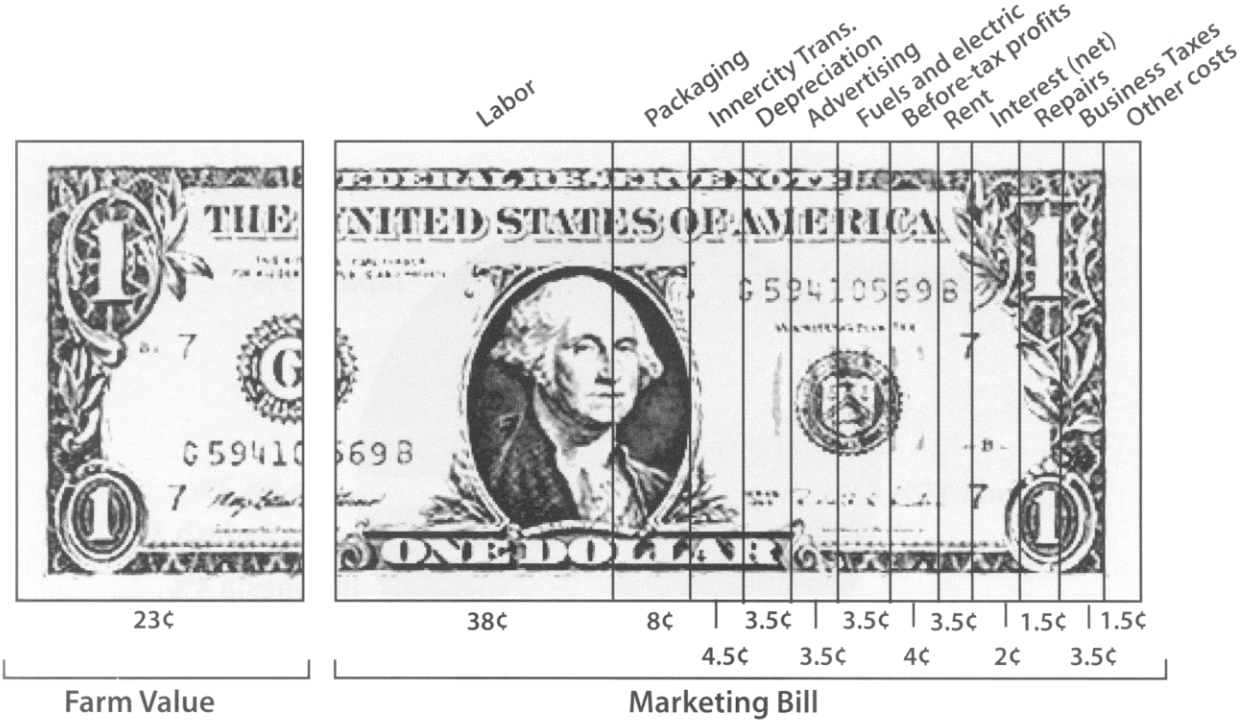
Top Ten Countries that Recieve Products from Kings County for 2000



AGRICULTURAL QUICK FACTS

- California agriculture produces more than 11% of the nations gross farming receipts.
- The state's agricultural land covers 30 million acres, about one third of the state's total land area.
- Each farmer supplies enough food, fiber and flowers for 129 people, 97 in the U.S. and 32 in foreign countries.
- California is home to 9 of the nations top 10 farm counties, the top 4 surround Kings County.
- It is estimated that California agriculture supports 1.4 million jobs, nearly 10% of all jobs in the state. In the Central Valley about 30% of all jobs are supported by agriculture.
- If California were a country, it would be the 6th leading agricultural exporter in the world, outpacing China, Canada, Brazil and Australia.
- California farmers' productivity is one of the reasons U.S. consumers spend only about 11% of their income on food.
- It is estimated that U.S. agricultural land provides habitat for 75% of the the nation's wildlife.

FARM VALUE OF A DOLLAR



- The farm value of each dollar spent for food at the retail level is approximately 23 cents.

From the California Farm Bureau Federation: "California Agriculture Facts"

Surrounding Counties	1999 Rank	1999 Gross Value	Total County Area Acres	Top Commodity	1999 Value	Acres or Number of Head
Fresno	1	$3,565,510,600	4,080,000	Grapes	$605,214,000	228,430
Tulare	2	$3,078,186,000	3,158,400	Milk	$920,173,000	357,950
Monterey	3	$2,441,795,450	2,127,360	Lettuce	$315,644,000	59,634
Kern	4	$2,128,896,400	5,223,000	Grapes	$491,269,000	88,528
Kings	12	$901,614,000	890,800	Milk	$317,473,000	192,000

Kings County Land Use Summary

Land Use Category	1996 Acres	1996 Percent	1998 Acres	1998 Percent	Acreage Change
Prime Farmland	142,578	16	142,528	16	-50
Farmland of Statewide Importance	433,887	49	429,172	48	-4,715
Unique Farmland	24,772	3	24,496	3	-276
Farmland of Local Importance	5,778	1	6,512	1	734
Grazing Land	243,778	27	244,174	27	396
Urban and Built-up Land	27,228	3	28,244	3	1,016
Other Land	12,720	1	15,594	2	2,874
Water Area	45	0	66	0	21
TOTAL ACRES	890,786		890,786		

From the California Department of Conservation.

The face of California farming is not that of a huge corporation. By contrast, the heart of California agriculture is in the thousands of family owned and operated farms. The average size of a U.S. farm is 469 acres, compared to California's average of 357 acres. Presently, the farmers in this state are using slightly less water than they did 30 years ago, and they are producing 60 percent more crops. California farmers are true stewards of the land and its resources, on average more than 90 percent of their water is reused. These statistics may come as no surprise to many California farmers who are on the cutting edge of agricultural technology. California farmers are using better seeds, highly beneficial soil amendments, diversified pest control techniques, and greater irrigation technology. These advances have allowed all of California's farmers, from corporate to family owned to compete in the world market.

KINGS COUNTY
GENERAL INFORMATION

County Seat	Hanford
County Population (2000)	131,218
Population per Square Mile	93.59
Total Assessed Value (1999)	$4,196,409,908
Land Area (Square Miles)	1,402
Total Acres	897,280
Total Harvested Crop Acreage (2000)	611,313
Foreign Ownership (1997)	4,009 (acres)
Total Farmland (Acres – 2000)	617,030

Public Ownership of Land (Acres - 2000)

Federal	27,313.76
State	4,015.99
County	1,421.61
Local Agencies	3,587.01

Agricultural production ranked 12th (based on 1999 figures) among California counties and 18th among U.S. counties (based on 1997 total value).

Railroads: Santa Fe, Southern Pacific & San Joaquin Railroad.

Major Roads: Interstate 5, Highway 41, Highway 43 & Highway 198.

Water Sources: Kings River, Tule River, Kaweah River, Kern River & California Aqueduct.

Elevation: The highest point is King Mountain at 3,473 feet above sea level, and the lowest point is the Tulare Lake Basin at 175 feet above sea level.

Average length of growing season: 257 days.

Average date of last spring frost: March 3.

Average climate: 196 sunny clear days, 74 partly cloudy days & 95 cloudy days.

Average date of first fall frost: November 18.

RAINFALL – HANFORD, CA

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
1951-52	0.02	0.00	0.00	0.00	0.08	1.11	2.39	3.03	0.27	2.18	0.79	0.01	9.88
1952-53	0.02	0.00	0.00	0.17	0.05	0.65	2.96	1.10	0.27	0.34	0.83	0.29	6.68
1953-54	0.08	0.00	0.00	0.00	0.02	1.01	0.09	1.89	0.78	2.21	0.52	0.34	6.94
1954-55	0.00	0.00	0.00	0.00	0.00	0.66	1.61	3.25	1.31	0.43	0.69	0.90	8.85
1955-56	0.00	0.00	0.00	0.00	0.02	0.92	4.67	1.10	0.38	0.10	0.73	0.77	8.69
1956-57	0.07	0.00	0.00	0.00	0.73	0.00	0.15	1.39	1.22	0.05	0.88	0.61	5.10
1957-58	0.00	0.00	0.00	0.00	0.20	1.19	1.41	1.85	2.30	3.93	2.38	0.24	13.50
1958-59	0.00	0.00	0.11	0.11	0.00	0.23	0.16	1.35	1.90	0.11	0.52	0.00	4.49
1959-60	0.00	0.00	0.00	0.11	0.00	0.00	0.17	0.80	1.71	0.61	0.57	0.00	3.97
1960-61	0.00	0.02	0.00	0.53	0.00	2.61	0.03	1.34	0.22	0.67	0.22	0.37	6.01
1961-62	0.00	0.00	0.00	0.00	0.00	1.11	1.28	0.71	4.88	1.06	0.00	0.11	9.15
1962-63	0.00	0.00	0.00	0.01	0.10	0.00	0.19	1.19	1.68	1.37	2.88	0.56	7.98
1963-64	0.17	0.00	0.00	0.33	0.75	1.23	0.31	0.61	0.02	0.94	0.64	0.20	5.20
1964-65	0.00	0.00	0.34	0.00	0.95	1.31	1.44	1.18	0.33	0.33	1.57	0.00	7.45
1965-66	0.00	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	5.80
1966-67	0.06	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	11.23
1967-68	0.23	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	5.87
1968-69	0.00	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	17.14
1969-70	0.21	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	6.18
1970-71	0.00	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	6.24
1971-72	0.00	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	3.00
1972-73	0.00	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	11.05
1973-74	0.00	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	7.04
1974-75	0.00	0.00	0.00	0.00	0.65	0.24	1.40	0.09	2.26	1.24	0.49	0.00	6.37
1975-76	0.00	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	6.64
1976-77	0.01	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	5.24
1977-78	0.07	0.00	0.00	0.00	0.05	0.06	2.85	2.22	5.05	4.12	1.71	0.00	16.13
1978-79	0.00	0.00	0.00	1.10	0.00	0.79	0.50	1.84	1.61	1.16	0.03	0.00	7.03
1979-80	0.00	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	8.54
1980-81	0.00	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	5.91
1981-82	0.00	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	8.57
1982-83	0.45	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	16.55
1983-84	0.00	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	5.06
1984-85	0.00	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	5.61
1985-86	0.00	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	11.17
1986-87	0.00	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	7.15
1987-88	0.05	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	8.79
1988-89	0.06	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	7.99
1989-90	0.00	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	6.67
1990-91	0.00	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	10.19
1991-92	0.36	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	7.98
1992-93	0.00	0.01	0.00	0.00	0.58	0.00	2.62	3.88	2.48	2.16	0.07	0.08	11.88
1993-94	0.26	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	5.94
1994-95	0.00	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.79	2.55	2.15	0.89	0.16	9.13
1996-97	0.04	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	8.94
1997-98	0.00	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	15.55
1998-99	0.44	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	7.76
1999-00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	7.55
2000-01	0.35	0.00	0.00	0.03	1.31	0.00	0.03						
AVERAGE	0.06	0.01	0.03	0.20	0.35	0.90	1.15	1.65	1.48	1.45	0.75	0.23	8.21
							50 YEAR AVERAGE RAINFALL						8.21