United States Department of Agriculture

Ag Report

Mississippi Agricultural Statistics Service

In cooperation with

Mississippi Department of Agriculture and Commerce

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Featured Statistics:

Soil Nutrient Management Practices

The fertilizer application rates presented on pages 4-6 are based on data collected from producer surveys in the major production states for the major field crops, fruits and vegetables. A multiframe, stratified sampling procedure was used to select farms and crop fields to collect detailed information on production inputs and practices. The represented area accounted for 70-90 percent of the total U.S. acreage for each of these crops.

Nitrogen and phosphate fertilizers are the nutrients applied to the largest share of acreage. Nitrogen accounted for over half of fertilizer consumption, with some nitrogen fertilizer being applied to more than 70 percent of the cropland in the surveys. Nearly 60 percent of the cropland in the surveys received phosphate fertilizer and about 44 percent received potash. The total tonnage of potash, however, exceeded phosphate because of its higher application rates.

Nitrogen and phosphate application intensities varied widely among crop production regions. High nitrogen and phosphate application rates corresponded closely to regions where there was a large acreage of corn or specialty crops. The highest application rates were in production regions where a high proportion of the cropland was used to grow potatoes, vegetables or citrus fruit.

Crop Acreage, Yield, and Production, October 1, 2000

Crop	Unit	Acreage		Yield Per Acre		Production	
		Harvested 1999	For Harvest 2000	1999	2000	1999	2000
Mississippi		1,000 Acres				1,000 Units	
Soybeans	bu	1,900	1,620	23.5	23.0	44,650	37,260
All Cotton [1 2]	bales	1,180	1,280	704	638	1,731	1,700
Rice [1]	cwt	323	218	5,650	6,050	18,250	13,189
Corn, Grain	bu	310	380	117.0	104.0	36,270	39,520
United States							
Soybeans	bu	72,446	73,024	36.6	38.7	2,653,758	2,822,821
All Cotton [1 2]	bales	13,424.9	13,544.0	607	620	16,968.0	17,485.1
Rice [1]	cwt	3,512	3,085	5,866	6,230	206,027	192,186
Corn, Grain	bu	70,537	73,009	133.8	139.6	9,437,337	10,191,817

[1] Yield in pounds per acre.

[2] Production in 480 lb. net weight bales.

Thomas L. Gregory
State Statistician

Vernon Rhodes
Agricultural Statistician

Mississippi Cotton Forecast by Districts, October 1, 2000

District	Harvested Acres		Yield Per Harvested Acre (L.S.)		Production in 480 (L.S.) Net Weight Bales	
	1999	2000	1999	2000	1999	2000
Upper Delta	310,100	330,700	728	694	470,000	478,000
N. Central	99,800	107,000	623	471	129,500	105,000
Lower Delta	499,900	569,700	754	677	785,000	803,000
Central	153,000	151,800	679	569	216,000	180,000
Other Districts	117,200	120,800	534	532	130,500	134,000
State	1,180,000	1,280,000	704	638	1,731,000	1,700,000

Mississippi Soybean Forecast By Districts, October 1, 2000

District	Harvested Acres		Yield Per Harvested Acre (bu)		Soybean Production (bu)	
	1999	2000	1999	2000	1999	2000
Upper Delta	687,000	655,000	25.5	24.8	17,488,000	16,250,000
N. Central	197,800	150,000	20.8	17.3	4,115,000	2,600,000
Northeast	162,700	142,000	13.8	16.6	2,247,000	2,360,000
Lower Delta	615,400	501,000	25.4	25.5	15,613,000	12,800,000
E. Central	139,500	104,000	19.0	16.3	2,655,000	1,700,000
Other Districts	97,600	68,000	25.9	22.8	2,532,000	1,550,000
State	1,900,000	1,620,000	23.5	23.0	44,650,000	37,260,000

Cotton Ginnings: Running Bales Ginned (Excluding Linters) Prior to October 1, by Crop, State, and United States, Crop Years 1997-2000

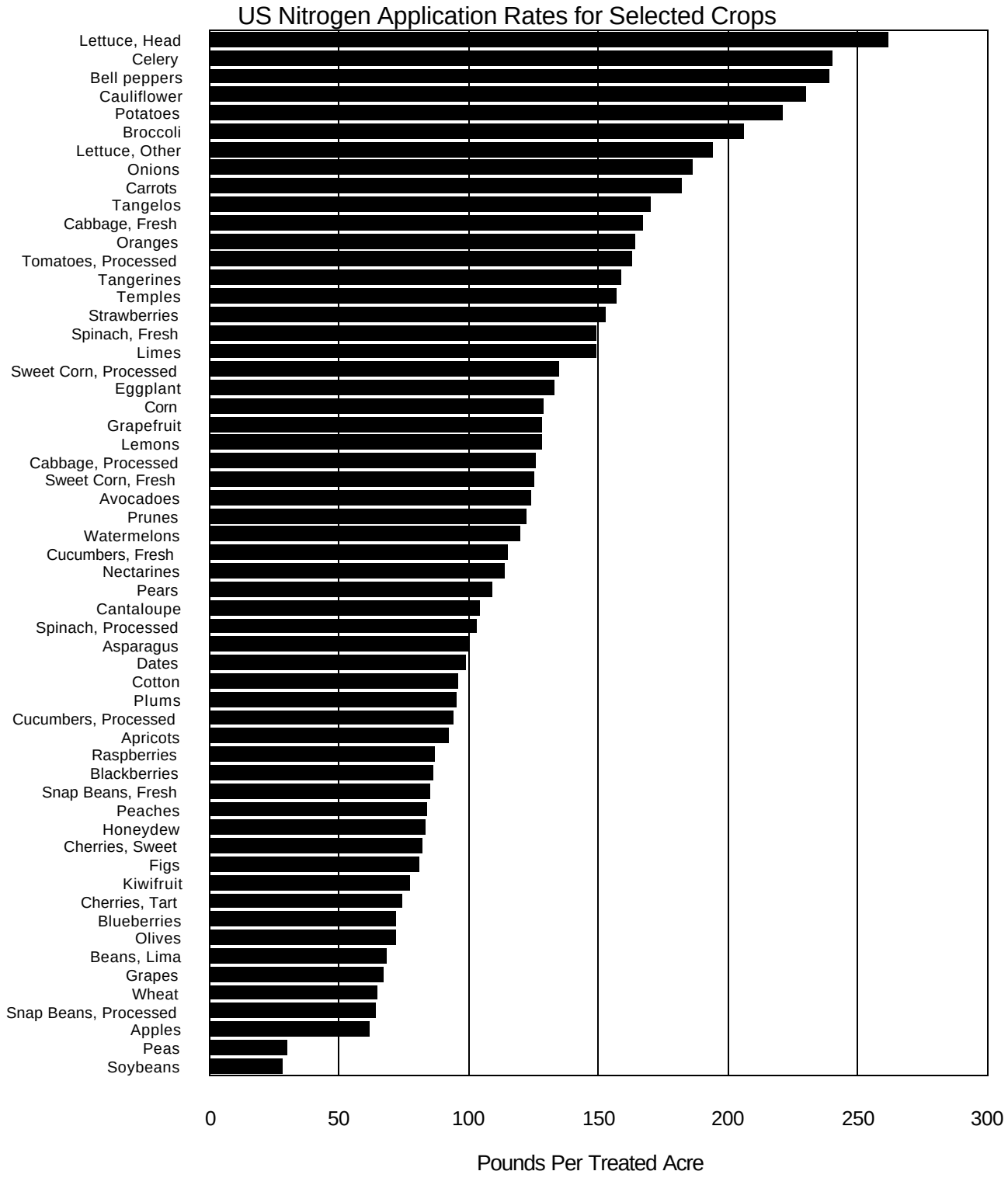
Crop and State	Running Bales Ginned			
	1997	1998	1999	2000
All Cotton				
Alabama	4,350	83,950	77,900	97,200
Arizona	66,800	19,700	27,100	72,050
Arkansas	40,900	237,400	335,700	305,100
California [1]	59,650			22,500
Florida [1]		3,550	5,000	5,800
Georgia	39,800	111,400	63,900	44,600
Louisiana	130,250	178,450	277,700	413,050
Mississippi	**86,800**	**409,700**	**470,900**	**595,200**
Missouri	13,150	46,150	135,700	108,400
New Mexico [1]	0			2,500
North Carolina [1]		77,450		4,100
Oklahoma	800	12,700	2,250	13,350
South Carolina	1,200	67,650	4,000	11,200
Tennessee	9,250	128,800	152,800	220,200
Texas	756,500	665,900	1,134,550	1,348,950
Virginia	0	10,200	0	0
United States	1,210,450	2,056,400	2,689,850	3,264,200

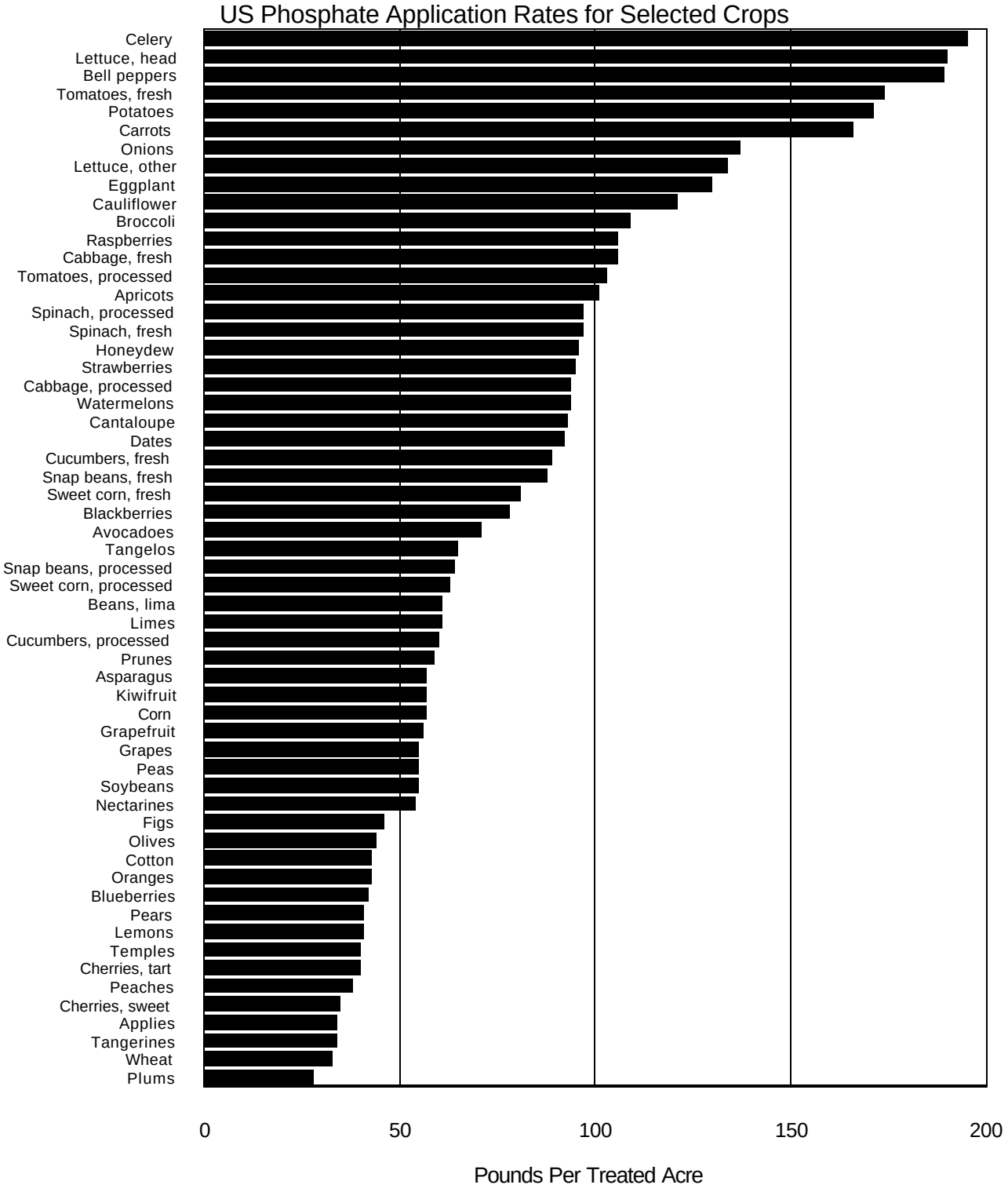
[1] Not Published to avoid disclosing individual gins.

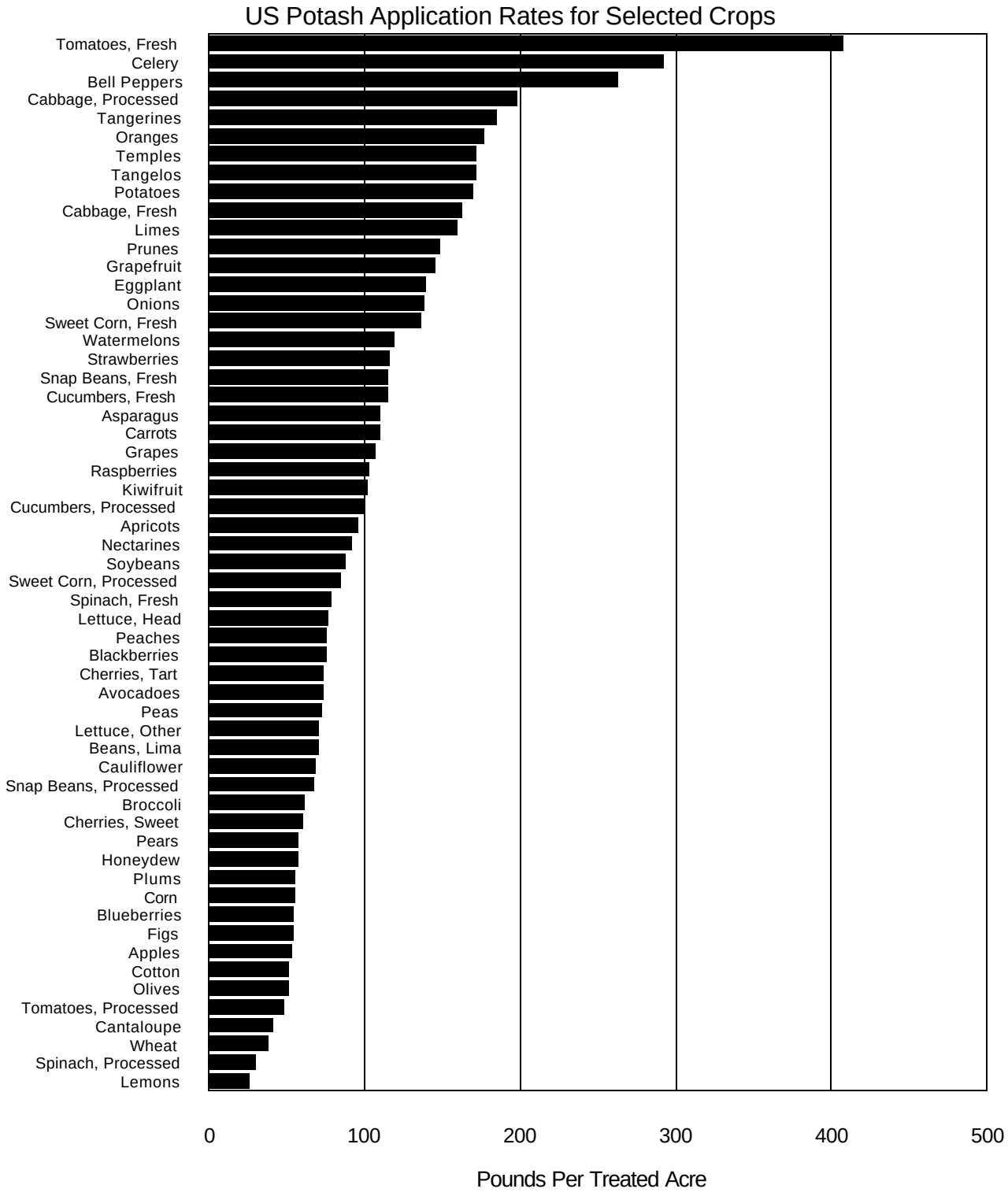
Pecans Utilized Production by Crop, State, and United States 1998-1999 and Forecasted October 1, 2000

Crop and State	Utilized Production		
	1998	1999	2000
		1,000 Pounds	
Improved Varieties [1]			
Alabama	3,500	7,000	10,000
Arizona	13,000	22,800	17,000
Arkansas	300	1,500	900
California	1,700	1,900	2,300
Florida	200	1,100	800
Georgia	35,000	85,000	70,000
Louisiana	3,000	4,000	3,000
Mississippi	800	3,500	1,000
New Mexico	32,000	52,000	35,000
North Carolina	1,500	800	1,800
Oklahoma	200	3,000	1,000
South Carolina	800	1,800	1,700
Texas	20,000	35,000	22,000
United States	112,000	219,400	166,500
Native & Seedling			
Alabama	1,500	6,000	5,000
Arizona	250	2,300	400
Florida	1,100	2,600	1,700
Georgia	5,000	35,000	10,000
Kansas	50	5,000	1,200
Louisiana	13,000	18,000	14,000
Mississippi	400	1,500	500
North Carolina	1,000	400	1,000
Oklahoma	1,800	60,000	7,000
South Carolina	300	900	800
Texas	10,000	55,000	8,000
United States	34,400	186,700	49,600
All Pecans			
Alabama	5,000	13,000	15,000
Arizona	13,000	22,800	17,000
Arkansas	550	3,800	1,300
California	1,700	1,900	2,300
Florida	1,300	3,700	2,500
Georgia	40,000	120,000	80,000
Kansas	50	5,000	1,200
Louisiana	16,000	22,000	17,000
Mississippi	1,200	5,000	1,500
New Mexico	32,000	52,000	35,000
North Carolina	2,500	1,200	2,800
Oklahoma	2,000	63,000	8,000
South Carolina	1,100	2,700	2,500
Texas	30,000	90,000	30,000
United States	146,400	406,100	216,100

[1] Budded, grafted, or topworked varieties.


US Nitrogen Application Rates for Selected Crops
Lettuce, Head
Celery
Bell peppers
Cauliflower
Potatoes
Broccoli
Lettuce, Other
Onions
Carrots
Tangelos
Cabbage, Fresh
Oranges
Tomatoes, Processed
Tangerines
Temples
Strawberries
Spinach, Fresh
Limes
Sweet Corn, Processed
Eggplant
Corn
Grapefruit
Lemons
Cabbage, Processed
Sweet Corn, Fresh
Avocadoes
Prunes
Watermelons
Cucumbers, Fresh
Nectarines
Pears
Cantaloupe
Spinach, Processed
Asparagus
Dates
Cotton
Plums
Cucumbers, Processed
Apricots
Raspberries
Blackberries
Snap Beans, Fresh
Peaches
Honeydew
Cherries, Sweet
Figs
Kiwifruit
Cherries, Tart
Blueberries
Olives
Beans, Lima
Grapes
Wheat
Snap Beans, Processed
Apples
Peas
Soybeans
0
50
100
150
200
250
300
Pounds Per Treated Acre


US Phosphate Application Rates for Selected Crops
Celery
Lettuce, head
Bell peppers
Tomatoes, fresh
Potatoes
Carrots
Onions
Lettuce, other
Eggplant
Cauliflower
Broccoli
Raspberries
Cabbage, fresh
Tomatoes, processed
Apricots
Spinach, processed
Spinach, fresh
Honeydew
Strawberries
Cabbage, processed
Watermelons
Cantaloupe
Dates
Cucumbers, fresh
Snap beans, fresh
Sweet corn, fresh
Blackberries
Avocadoes
Tangelos
Snap beans, processed
Sweet corn, processed
Beans, lima
Limes
Cucumbers, processed
Prunes
Asparagus
Kiwifruit
Corn
Grapefruit
Grapes
Peas
Soybeans
Nectarines
Figs
Olives
Cotton
Oranges
Blueberries
Pears
Lemons
Temples
Cherries, tart
Peaches
Cherries, sweet
Applies
Tangerines
Wheat
Plums
0
50
100
150
200
Pounds Per Treated Acre


US Potash Application Rates for Selected Crops
Tomatoes, Fresh
Celery
Bell Peppers
Cabbage, Processed
Tangerines
Oranges
Temples
Tangelos
Potatoes
Cabbage, Fresh
Limes
Prunes
Grapefruit
Eggplant
Onions
Sweet Corn, Fresh
Watermelons
Strawberries
Snap Beans, Fresh
Cucumbers, Fresh
Asparagus
Carrots
Grapes
Raspberries
Kiwifruit
Cucumbers, Processed
Apricots
Nectarines
Soybeans
Sweet Corn, Processed
Spinach, Fresh
Lettuce, Head
Peaches
Blackberries
Cherries, Tart
Avocadoes
Peas
Lettuce, Other
Beans, Lima
Cauliflower
Snap Beans, Processed
Broccoli
Cherries, Sweet
Pears
Honeydew
Plums
Corn
Blueberries
Figs
Apples
Cotton
Olives
Tomatoes, Processed
Cantaloupe
Wheat
Spinach, Processed
Lemons
0
100
200
300
400
500
Pounds Per Treated Acre

Livestock and Poultry Record Highs and Lows [1]

Commodity	Date Series Began	Inventory			
		High		Low	
		Year	Number	Year	Number
			1,000 Head		1,000 Head
All Cattle and Calves	1867	1975	3,100	1868	563
All Cows	1920	1975	1,584	1928	517
Beef Cows	1920	1975	1,458	1929	105
Milk Cows	1867	1945	620	2000	36
Calf Crop	1924	1974	1,320	1929	340
Hogs and Pigs	1867	1918	1,475	1991	149
Commercial Broilers [2]	1935	1999	735,100	1935	50
Average Layers	1925	1970	11,466	1955	3,745
Number of Bee Colonies [3]	1986	1991	28	1995	16

Commodity	Date Series Began	Annual Production			
		High		Low	
		Year	Production	Year	Production
			1,000 Pounds		1,000 Pounds
Catfish, Foodsize [4]	1988	1998	390,000	1988	262,885
All Cattle and Calves	1909	1974	718,650	1912	123,650
Hogs and Pigs	1909	1943	248,840	1991	54,744
Milk	1909	1953	1,592,000	1998	579,000
Commercial Broilers	1935	1999	3,675,500	1935	120
All Eggs [5]	1925	1968	2,575,000	1934	368,000
Honey	1986	1992	1,625	1989	792

Commodity	Date Series Began	Unit	Average Price			
			High		Low	
			Year	Price	Year	Price
				Dollars		
Beef Cattle	1867	cwt	1991	61.80	1933	2.10
Calves	1867	cwt	1991	97.40	1933	3.15
Hogs	1867	cwt	1982	54.70	1933	3.15
Milk	1909	cwt	1998	16.20	1932	1.25
Commercial Broilers	1935	lbs	1998	.395	1967	.121
All Eggs	1925	doz	1998	1.220	1932	.122
Market Eggs	1982	doz	1996	.729	1988	.411
Catfish, Foodsize	1975	lbs	1995	.780	1975	.491
Honey	1986	lbs	1996	.870	1987	.420

[1] When record is for 2 or more years, the latest year is shown to represent record high or low.

[2] Inventory is number produced during the year.

[3] Current series began in 1986. Includes producers with 5 or more colonies. Prior to 1986, no data was published or data is not comparable with current series of data.

[4] Pounds sold.

[5] Production is actual number rather than pounds.

Mississippi Agricultural Exports: Estimated Value, by Commodity Group

Year	Wheat and Products	Rice	Soybeans and Products	Cotton and Linters	Cottonseed and Products	Tree Nuts	Livestock
				Million Dollars			
1993	18.6	79.1	165.6	200.6	13.0	0.2	18.6
1994	8.9	69.1	129.4	222.3	11.8	0.7	17.4
1995	11.6	110.8	163.0	375.0	16.9	0.0	23.6
1996	17.7	93.2	137.4	308.7	11.2	0.4	25.6
1997	37.2	74.4	210.9	268.9	11.4	0.6	25.7
1998	16.2	87.0	215.3	240.1	10.4	0.7	28.1
1999	16.5	81.2	114.5	129.7	6.5	0.5	22.1

Year	Hides and Skins	Poultry and Products	Fats and Oils	Feeds and Fodders	Other	Total
				Million Dollars		
1993	2.7	74.8	2.3	5.0	1.5	581.9
1994	2.3	112.0	2.0	6.5	1.7	584.1
1995	2.7	158.1	1.9	8.6	1.8	874.0
1996	2.3	205.0	1.4	7.9	1.8	812.6
1997	2.3	207.3	1.3	9.8	1.8	851.8
1998	1.8	203.4	1.3	8.7	1.7	815.0
1999	0.7	157.5	0.8	9.9	1.7	541.6

Source: Economic Research Service.