

In cooperation with

Mississippi Department of  
Agriculture and Commerce

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**Survey Procedures**

Objective yield and farm operator surveys were conducted between October 25 and November 6 to gather information on expected yield as of November 1. The objective yield surveys for corn, soybeans, and cotton were conducted in the major producing States that usually account for about 75 percent of the U.S. production. Randomly selected plots were revisited to make current counts. The items counted within the selected plots depend on the crop and the maturity of that crop. In all cases, number of plants are recorded along with other measurements that provide information to forecast the number of ears, pods, or bolls and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The five-year average harvesting loss is subtracted

to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

**Crop Acreage, Yield, and Production, November 1, 2000**

Crop	Unit	Acreage		Yield Per Acre		Production	
		Harvested <sup>1</sup> 999	For Harvest 2000	1999	2000	1999	2000
<b>Mississippi</b>		1,000 Acres				1,000 Units	
Soybeans	bu	1,900	1,620	23.5	21.0	44,650	34,020
All Cotton <sup>12</sup>	bales	1,180	1,280	704	656	1,731	1,750
Rice <sup>1</sup>	cwt	323	218	5,650	6,000	18,250	13,080
Corn, Grain	bu	310	380	117.0	104.0	36,270	39,520
<b>United States</b>							
Soybeans	bu	72,446	73,024	36.6	38.0	2,653,758	2,777,036
All Cotton <sup>12</sup>	bales	13,424.9	13,519.0	607	622	16,968.0	17,509.8
Rice <sup>1</sup>	cwt	3,512	3,085	5,866	6,236	206,027	192,386
Corn, Grain	bu	70,537	73,009	133.8	137.7	9,437,337	10,053,942

<sup>1</sup> Yield in pounds per acre.

<sup>2</sup> Production in 480 lb. net weight bales.

## Mississippi Cotton Forecast by Districts, November 1, 2000

District	Harvested		Yield Per		Production in 480	
	Acres		Harvested Acre (lbs)		Net Weight Bales	
	1999	2000	1999	2000	1999	2000
Upper Delta	310,100	330,700	728	724	470,000	499,000
N. Central	99,800	107,000	623	489	129,500	109,000
Lower Delta	499,900	569,700	754	690	785,000	819,000
Central	153,000	151,800	679	579	216,000	183,000
Other Districts	117,200	120,800	534	556	130,500	140,000
State	1,180,000	1,280,000	704	656	1,731,000	1,750,000

## Mississippi Soybean Forecast By Districts, November 1, 2000

District	Harvested		Yield Per		Soybean	
	Acres		Harvested Acre (bu)		Production (bu)	
	1999	2000	1999	2000	1999	2000
Upper Delta	687,000	655,000	25.5	21.1	17,488,000	13,800,000
N. Central	197,800	150,000	20.8	15.0	4,115,000	2,250,000
Northeast	162,700	142,000	13.8	15.5	2,247,000	2,200,000
Lower Delta	615,400	501,000	25.4	25.3	15,613,000	12,700,000
E. Central	139,500	104,000	19.0	14.4	2,655,000	1,500,000
Other Districts	97,600	68,000	25.9	23.1	2,532,000	1,570,000
State	1,900,000	1,620,000	23.5	21.0	44,650,000	34,020,000

## Cotton Gins: Running Bales Ginned (Excluding Lifters) Prior to November 1, by Crop, State, and United States, Crop Years 1997-2000

Crop and State	Running Bales Ginned			
	1997	1998	1999	2000
All Cotton				
Alabama	179,700	350,200	348,200	362,150
Arizona	298,750	114,750	177,750	244,450
Arkansas	929,100	1,018,950	1,154,850	1,145,800
California	1,146,700	160,900	516,800	779,550
Florida	32,800	32,450	46,400	45,250
Georgia	580,800	525,300	501,300	535,950
Louisiana	814,200	580,400	807,950	837,650
<b>Mississippi</b>	<b>1,138,050</b>	<b>1,262,150</b>	<b>1,417,550</b>	<b>1,512,700</b>
Missouri	340,300	281,800	415,200	423,250
New Mexico	22,300	14,000	13,650	27,000
North Carolina	201,900	544,000	103,400	408,650
Oklahoma	54,600	75,050	52,500	78,100
South Carolina	112,250	213,350	80,000	151,100
Tennessee	408,850	451,650	484,750	613,500
Texas	1,646,150	1,640,700	2,118,800	2,017,250
Virginia	23,650	93,200	23,750	38,250
United States	7,930,100	7,358,850	8,262,850	9,220,600

Upland Cotton: Agricultural Chemical Applications,  
Restricted Use Pesticides, Surveyed States, 1999 <sup>1</sup>

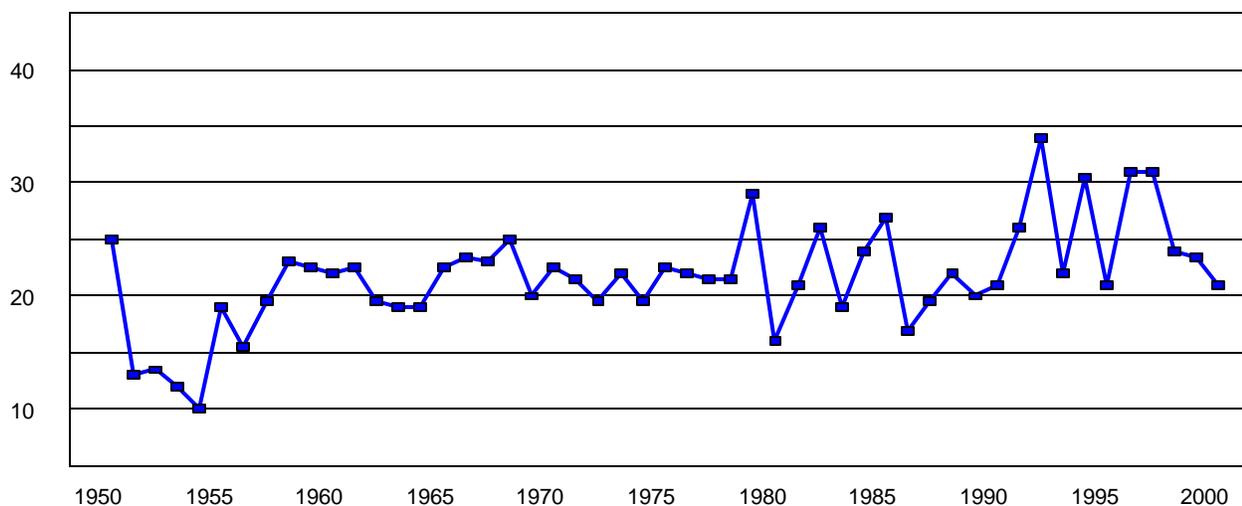
Agricultural Chemical	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds Per Acre		1,000 L.S.
<b>Herbicides:</b>					
Cyanamide	15	1.1	0.72	0.80	1,555
Trifluralin	52	1.1	0.70	0.77	5,308
<b>Insecticides:</b>					
Aldicarb	29	1.0	0.59	0.63	2,440
Azinphos-methyl	3	2.0	0.24	0.49	211
Bifenthrin	2	1.0	0.06	0.06	15
Carbofuran	5	1.0	0.23	0.24	159
Chlorpyrifos	1	1.3	0.78	1.07	210
Cypermethrin	5	1.0	0.06	0.07	45
Deltamethrin	1	1.4	0.01	0.02	4
Dicrotophos	13	1.2	0.26	0.33	576
Disulfoton	4	1.0	0.67	0.69	342
Esfenvalerate	2	1.0	0.03	0.04	8
Fenpropathrin	*	1.0	0.18	0.18	3
Lambda-cyhalothrin	10	1.6	0.03	0.05	57
Methamidophos	*	1.1	0.52	0.61	16
Methomyl	*	1.1	0.22	0.24	22
Methyl parathion	8	2.2	0.60	1.33	1,466
Oxamyl	14	1.4	0.23	0.33	627
Permethrin	*	1.0	0.04	0.04	**
Phorate	4	1.0	0.73	0.73	393
Tralomethrin	3	1.3	0.02	0.03	9
<b>Other Chemicals:</b>					
Paraquat	20	1.1	0.26	0.30	777

\* Area applied is less than 1 percent.

\*\* Total applied is less than 1,000 lbs.

<sup>1</sup> Planted acres in 1999 for the 10 states surveyed were 13.3 million acres. States included are AL, AZ, AR, CA, GA, LA, MS, NC, TN, and TX.

Mississippi Soybean Yield, 1950 - 2000 <sup>1</sup>



<sup>1</sup> 2000 Yield is November 1 forecast.

**Soybeans: Agricultural Chemical Applications,  
Restricted Use Pesticides, Surveyed States, 1999<sup>1</sup>**

Agricultural Chemical	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds Per Acre		1,000 lbs
<b>Herbicides:</b>					
Alachlor	2	1.0	1.70	1.71	1,769
Atrazine	*	1.0	1.13	1.13	177
Imazaquin	5	1.0	0.08	0.09	288
Paraquat	1	1.0	0.37	0.37	270
Trifluralin	14	1.0	0.82	0.83	7,651
<b>Insecticides:</b>					
Diflubenzuron	*	1.0	0.06	0.06	6
Esfenvalerate	*	1.0	0.03	0.03	**
Lambda-cyhalothrin	*	1.0	0.02	0.02	8
Methyl parathion	*	1.1	0.46	0.51	198
Permethrin	*	1.0	0.12	0.12	8

\* Area applied is less than 1 percent.

\*\* Total applied is less than 1,000 lbs.

<sup>1</sup> Planted acres in 1999 for the 17 states surveyed were 67.8 million acres. States included are IL, IN, IA, KS, KY, LA, MI, MN, MS, MO, NE, NC, OH, PA, SD, and TN.

**Corn: Agricultural Chemical Applications,  
Restricted Use Pesticides, Surveyed States, 1999<sup>1</sup>**

Agricultural Chemical	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds Per Acre		1,000 lbs
<b>Herbicides:</b>					
Acetochlor	27	1.0	1.70	1.72	31,824
Alachlor	4	1.0	1.87	1.87	4,573
Atrazine	70	1.1	1.02	1.15	54,780
Cyanazine	4	1.0	1.40	1.40	3,378
EPTC	*	1.0	3.40	3.40	1,470
Paraquat	*	1.0	0.59	0.59	369
Trifluralin	*	1.0	0.93	0.93	41
<b>Insecticides:</b>					
Carbofuran	1	1.0	0.86	0.86	772
Chlorethoxyfos	1	1.0	0.10	0.10	89
Chlorpyrifos	5	1.0	1.08	1.08	3,921
Cyfluthrin	2	1.0	0.005	0.005	5
Lambda-cyhalothrin	3	1.2	0.02	0.03	52
Methyl parathion	1	1.0	0.51	0.54	388
Permethrin	3	1.1	0.08	0.10	180
Tefluthrin	7	1.0	0.10	0.10	510
Terbufos	5	1.0	1.09	1.11	3,588

\* Area applied is less than 1 percent.

<sup>1</sup> Planted acres in 1999 for the 15 states surveyed were 68.3 million acres. States included are CO, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, SD, TX, and WI.

**Young Chickens Slaughtered: Pounds Certified and Post-Mortem Condemnations,  
Selected States and United States, September 1999-2000**

State	Total Certified <sup>1</sup>		Post-Mortem Condemnations			
			N.Y. Dressed Weight		Percent <sup>2</sup>	
	1999	2000	1999	2000	1999	2000
	1,000 Pounds		Percent			
Alabama	308,475	281,709	7,753	5,319	2.05	1.53
Arkansas	352,015	318,980	5,653	5,121	1.31	1.30
Delaware	98,683	90,364	2,251	1,919	1.84	1.70
Florida	37,635	37,532	1,088	844	2.26	1.76
Georgia	350,637	319,586	6,224	4,102	1.43	1.06
Louisiana	41,849	38,240	1,157	467	2.16	1.00
Maryland	60,597	58,608	1,242	931	1.61	1.26
<b>Mississippi</b>	<b>225,504</b>	<b>213,016</b>	<b>2,833</b>	<b>2,056</b>	<b>1.07</b>	<b>0.83</b>
Missouri	100,904	88,854	1,449	1,494	1.18	1.36
North Carolina	206,134	216,248	3,837	3,793	1.56	1.48
Pennsylvania	34,704	33,492	1,100	1,036	2.48	2.40
South Carolina	57,725	57,608	1,089	894	1.52	1.26
Tennessee	63,438	60,185	807	613	1.04	0.82
Texas	165,827	161,877	2,368	2,061	1.24	1.11
Virginia	105,686	93,190	1,262	1,117	0.93	0.90
United States	2,497,948	2,338,766	45,513	35,882	1.49	1.26

<sup>1</sup> Ready-to-cook weights.

<sup>2</sup> Pounds condemned as percent of equivalent N.Y. dressed weight of quantity inspected. Percentages are based on unrounded data.

**Farm-Raised Catfish: Quantity Processed and Prices Paid to Producers by Major  
Processors, and United States Imports, 1999 - 2000**

Month	Round Weight Processed				Average Price Paid to Producers <sup>1</sup>		Imports of Catfish <sup>2</sup>	
	Monthly		Cumulative		1999	2000	1999	2000
	1999	2000	1999	2000				
	1,000 Pounds				Dollars Per Pound		(000) Pounds	
January	48,723	50,552	48,723	50,552	.703	.744	57	487
February	48,891	50,942	97,614	101,494	.714	.788	53	235
March	56,310	56,856	153,924	158,350	.732	.789	113	309
April	46,830	48,781	200,754	207,131	.756	.789	250	554
May	47,703	48,424	248,457	255,555	.777	.785	541	698
June	48,445	48,011	296,902	303,566	.775	.786	372	791
July	50,074	49,023	346,976	352,589	.768	.760	475	945
August	50,372	53,204	397,348	405,793	.743	.741	479	981
September	50,414	49,422	447,762	455,215	.728	.727	304	
October	52,407		500,169		.716		217	
November	48,118		548,287		.713		285	
December	48,341		596,628		.716		305	

<sup>1</sup> Price for fish delivered to processing plant door. Price includes charges for any services provided by the processing plant, such as seining and hauling, but does not include any adjustments based on year-end settlements.

<sup>2</sup> Data furnished by U.S. Bureau of Census.

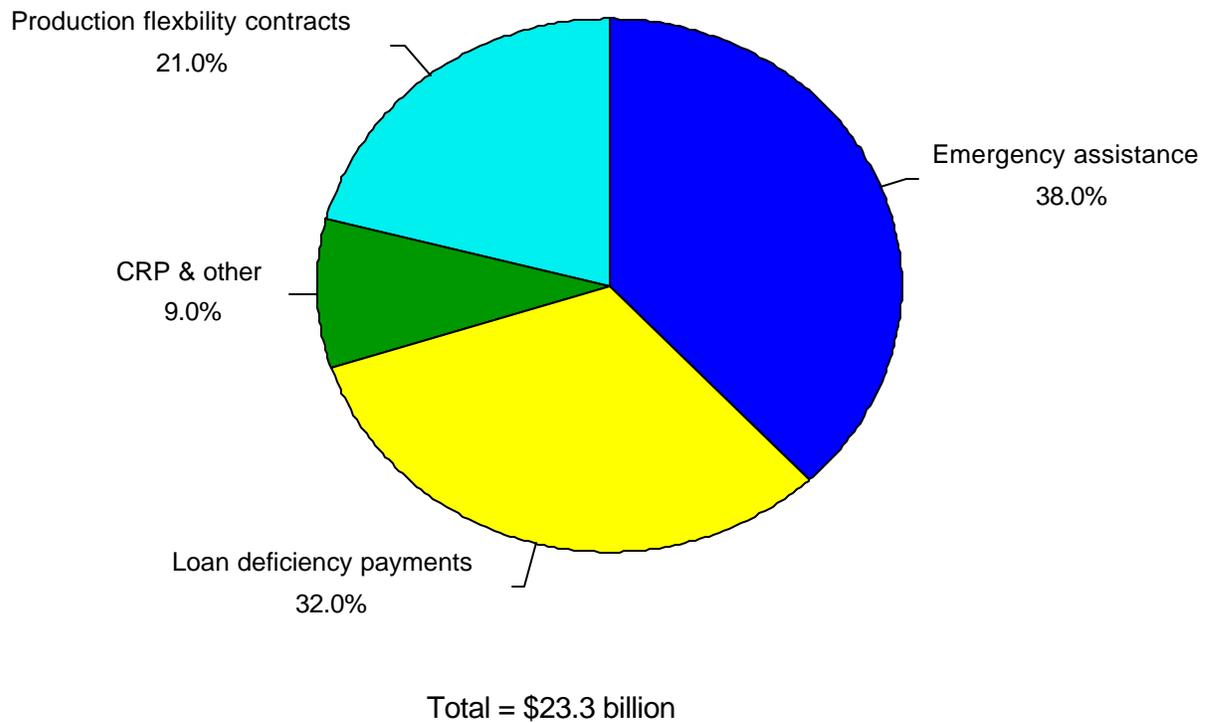
## US Agricultural Exports, 1996 - 2001

Item	1996	1997	1998	1999	2000	2001
Billion Dollars						
Grain and Feeds	21.6	16.5	14.1	14.4	13.6	13.6
Oilseeds and Products	9.7	11.5	11.1	8.7	8.7	8.7
Livestock Products	8.1	7.7	7.6	7.2	8.4	8.4
Poultry and Products	2.7	2.9	2.7	2.1	2.3	2.2
Dairy Products	0.7	0.8	0.9	0.9	1.0	0.9
Tobacco, Unmanufactured	1.4	1.6	1.4	1.4	1.3	1.3
Cotton and Linters	3.0	2.7	2.5	1.3	1.8	2.6
Seeds	0.7	0.8	0.8	0.8	0.8	0.9
Horticultural Products	10.0	10.6	10.3	10.3	10.4	10.7
Sugar and Tropical	1.9	2.1	2.1	2.0	2.2	2.2
<b>Total</b>	<b>59.8</b>	<b>57.3</b>	<b>53.6</b>	<b>49.1</b>	<b>50.5</b>	<b>51.5</b>

Fiscal years, 2000 forecast; 2001 projected. Total includes miscellaneous products.

Economic Research Service, USDA.

## US Forecast Government Payments to Farm Sector in 2000



Source: Economic Research Service, USDA.

## Chicken Eggs in Incubators, October 1

Geographic Division	Broiler-type			Egg-type		
	1999	2000	2000/ 1999	1999	2000	2000/ 1999
	1,000		Percent	1,000		Percent
North Atlantic	11,153	11,123	100	6,793	5,537	82
East North Central	8,308	7,399	89	9,210	7,921	86
West North Central	19,457	18,532	95	6,405	6,815	106
South Atlantic	219,230	220,094	100	3,103	3,327	107
South Central	306,976	309,261	101	4,529	3,771	83
West	22,453	20,178	90	5,268	4,519	86
United States	587,577	586,587	100	35,308	31,890	90

## September Layers and Egg Production, Selected States

State	All Layers on Hand		Table eggs		Hatching eggs	
	1999	2000	1999	2000	1999	2000
	1,000		Million		Million	
Ohio	30,739	30,671	---	---	---	---
Pennsylvania	22,477	23,908	491	510	15	19
Indiana	21,955	22,490	472	476	11	12
Georgia	20,689	20,359	242	238	176	165
Texas	17,169	17,490	---	---	---	---
Arkansas	15,205	15,016	105	107	185	174
North Carolina	10,929	10,877	82	79	125	116
Alabama	10,711	10,310	72	61	127	132
<b>Mississippi</b>	<b>6,815</b>	<b>6,614</b>	<b>38</b>	<b>40</b>	<b>89</b>	<b>84</b>
United States	322,394	325,477	5,797	5,803	1,063	1,034

--- Data by type of flock not shown for some states to avoid disclosing individual operations.

## Income Statement for US Farm Sector, 1998 - 2000 F

Item	1998	1999	2000 F
	\$ Billion		
Cash Income Statement:			
1. Cash Receipts	196.6	188.6	194.5
Crops	102.5	93.1	94.1
Livestock	94.1	95.5	100.3
2. Direct Government Payments	12.2	20.6	23.3
3. Farm-Related Income	13.9	15.8	15.9
4. Gross Cash Income (1+2+3)	222.6	225.0	233.6
5. Cash Expenses	167.2	170.4	178.3
6. NET CASH INCOME (4-5)	55.4	54.6	55.4
Farm Income Statement:			
7. Gross Cash Income (1+2+3)	222.6	225.0	233.6
8. Nonmoney Income	11.3	11.4	11.5
9. Inventory Adjustment	-0.7	-0.9	0.3
10. Total Gross Income (7+8+9)	233.2	235.5	245.5
11. Total Expenses	188.6	192.1	199.8
12. NET FARM INCOME (10-11)	44.6	43.4	45.6

Note: Totals do not add due to rounding.

F = Forecast.

## Mississippi and US Price Highlights

Commodity	Unit	October 1999 Entire Month		September 2000 Entire Month		October 2000 Mid-Month	
		MS	US	MS	US	MS	US
Corn	bu	---	1.69	---	1.61	---	1.74
Cotton, Upland	lb	.448	.463	.454	.506	.474 <sup>1</sup>	.525 <sup>1</sup>
Sorghum, grain	cwt	---	2.51	---	2.77	---	3.03
Soybeans	bu	4.86	4.47	4.92	4.57	4.47	4.36
Winter Wheat	bu	---	2.47	---	2.37	---	2.66
Rice, Rough	cwt	---	6.23	---	5.72	---	5.86
All Milk	cwt	17.90	14.90	---	12.80	---	12.60
Fluid	cwt	17.90	15.00	---	12.90	---	12.60
Manufacturing	cwt	---	12.70	---	11.20	---	10.70
All Beef Cattle	cwt	---	66.20	---	65.30	---	66.00
Cows	cwt	---	33.80	---	37.20	---	35.70
Calves	cwt	---	91.90	---	103.00	---	103.00
Steers & Heifers	cwt	---	70.10	---	68.60	---	69.80
All Hogs	cwt	---	34.20	---	41.50	---	42.60
Barrows & Gilts	cwt	---	34.80	---	42.10	---	43.20
Sows	cwt	---	25.20	---	33.40	---	34.90
Broilers, Live	lb	.335	.343	---	.390	---	.330
Market Eggs	doz	.350 <sup>2</sup>	.329 <sup>2</sup>	.530 <sup>2</sup>	.418 <sup>2</sup>	.590	.517

---Estimates not made.

<sup>1</sup> Based on sales during the first half of the month.

<sup>2</sup> Mid-month price.