United States Department of Agriculture

National Agricultural Statistics Service

Ag Report

In cooperation with

Mississippi Department of Agriculture and Commerce

Phone:601-965-4575
Facsimile:601-965-5622
www.nass.usda.gov/ms/
nass-ms@nass.usda.gov/

Volume 06-12 **Released: June 14, 2006**

Featured Statistics:

Sweet Potatoes 2
Cotton: Fertilizer Applications 3
Cotton: Chemical Applications 4
Soybeans: Chemical Applications 5
Prices Paid for Fertilizer 6
Prices Paid for Farm Equipment 7
Prices Paid for Field Seeds 8

Highlights

- Mississippi's 2006 winter wheat yield is expected to be a record high 55 bushels per acre.
- Mississippi's sweet potato growers experienced a banner year in 2005: there was a record high yield of 180 cwt. per acre, and the number of harvested acres moved to the second largest acreage in the United States for the first time. Mississippi had been gaining on the former number 2 state, Louisiana, for more than a decade.
- Glyphosate iso. salt was applied to 95 percent of the cotton acreage in Mississippi in 2005.
- Prices for new self-propelled, 4-row cotton pickers averaged $271,000 in the United States in 2006.

Winter Wheat: Acreage, Area Harvested, Yield, and Production, by Selected States and United States, 2005 and Forecasted June 1, 2006

State	Acres Harvested		Yield			Production	
	2005	2006	2005	2006 May 1	2006 June 1	2005	2006
	1,000 Acres		Bushels			1,000 Bushels	
Arkansas	160	300	52.0	54.0	55.0	8,320	16,500
Georgia	140	130	52.0	45.0	47.0	7,280	6,110
Kansas	9,500	9,400	40.0	34.0	31.0	380,000	291,400
Kentucky	300	310	68.0	68.0	68.0	20,400	21,080
Mississippi	**65**	**70**	**50.0**	**55.0**	**55.0**	**3,250**	**3,850**
Missouri	540	870	54.0	53.0	53.0	29,160	46,110
North Carolina	435	440	57.0	48.0	48.0	24,795	21,120
Oklahoma	4,000	3,100	32.0	22.0	22.0	128,000	68,200
South Carolina	165	125	52.0	45.0	48.0	8,580	6,000
Tennessee	150	190	56.0	56.0	58.0	8,400	11,020
Texas	3,000	1,300	32.0	27.0	25.0	96,000	32,500
Virginia	160	170	63.0	56.0	56.0	10,080	9,520
United States	33,794	31,177	44.4	42.4	40.5	1,499,129	1,263,766

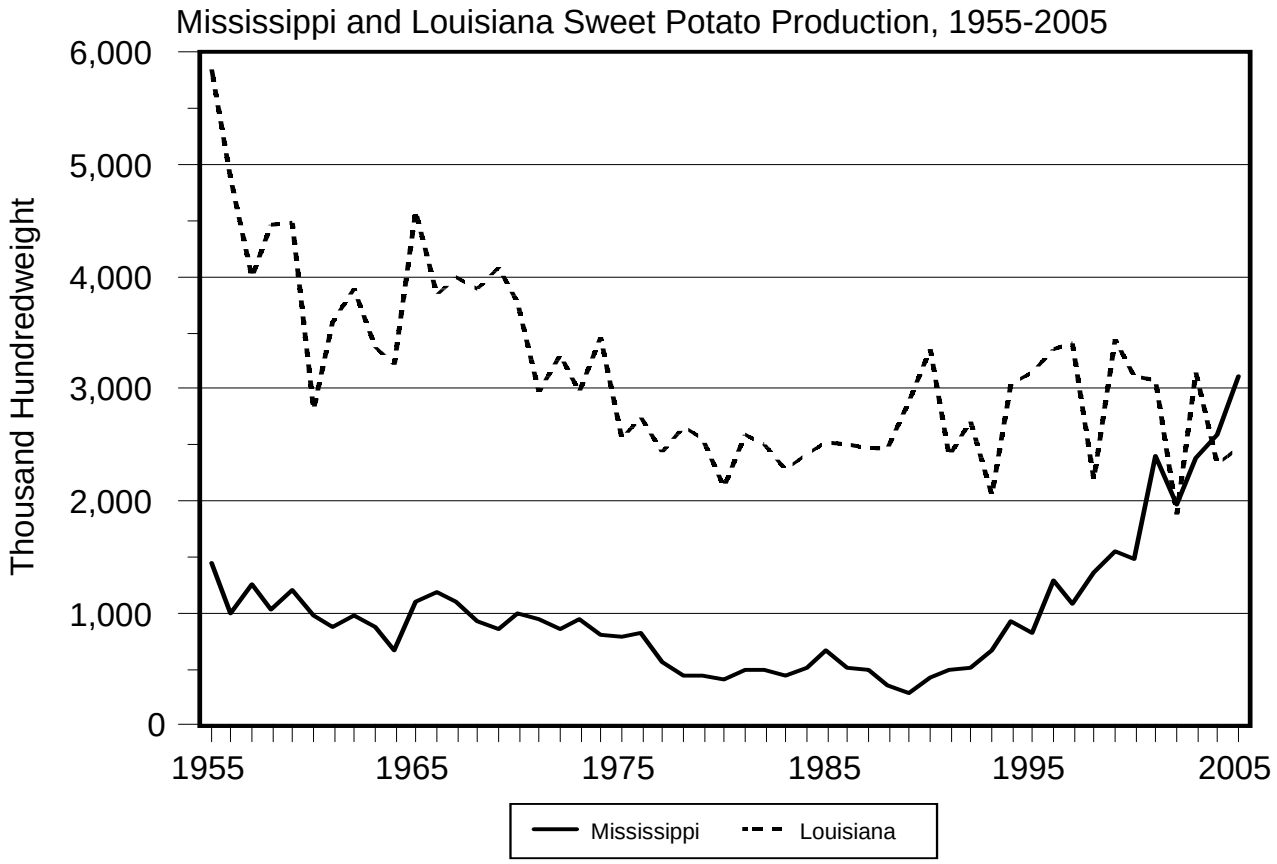
Thomas L. Gregory
Director

Serial D. Kenerson
Deputy Director

Sweet Potatoes: Acreage, Yield and Production, by State and United States, 2004-2005 [1]

State	Area Planted		Area Harvested		Yield		Production	
	2004	2005	2004	2005	2004	2005	2004	2005
	1,000 Acres				Cwt		1,000 Cwt	
Alabama	2.8	2.7	2.3	2.5	165	150	380	375
California	11.5	11.7	11.5	11.7	280	285	3,220	3,335
Louisiana	16.0	18.0	15.5	17.0	150	145	2,325	2,465
Mississippi	**16.0**	**17.4**	**15.3**	**17.3**	**170**	**180**	**2,601**	**3,114**
New Jersey	1.2	1.2	1.2	1.2	140	130	168	156
North Carolina	45.0	36.0	43.0	35.0	160	170	6,880	5,950
South Carolina	1.0	0.9	0.8	0.8	120	160	96	128
Texas	3.0	2.7	2.8	2.6	140	65	392	169
Virginia	0.4	0.4	0.4	0.3	125	125	50	38
United States	96.9	91.0	92.8	88.4	174	178	16,112	15,730

[1] 2005 Revised.



Upland Cotton: Fertilizer Primary Nutrient Applications, by Program States, 2005 [1]

Program State and Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		Million Lbs
Alabama					
Nitrogen	98	1.6	61	96	51.4
Phosphate	87	1.0	54	57	27.0
Potash	90	1.1	70	75	37.0
Sulfur	39	1.0	15	16	3.4
Arkansas					
Nitrogen	96	1.6	71	112	112.8
Phosphate	73	1.1	40	44	33.3
Potash	82	1.1	74	82	71.2
Sulfur	33	1.1	23	24	8.5
California					
Nitrogen	96	2.1	94	194	79.8
Phosphate	32	1.1	70	76	10.2
Potash	22	1.5	60	89	8.3
Sulfur	4	1.2	8	9	0.2
Georgia					
Nitrogen	97	1.9	50	95	112.6
Phosphate	88	1.1	53	60	63.8
Potash	90	1.3	72	95	103.7
Sulfur	56	1.1	15	17	11.7
Louisiana					
Nitrogen	99	1.3	62	78	47.5
Phosphate	47	1.0	42	43	12.3
Potash	49	1.1	71	78	23.3
Sulfur	35	1.0	6	6	1.3
Mississippi	99	1.5	81	120	144.5
Nitrogen	35	1.1	49	54	22.6
Phosphate	58	1.1	106	117	82.7
Potash	17	1.4	10	13	2.8
Sulfur					
North Carolina					
Nitrogen	95	1.9	40	75	57.9
Phosphate	74	1.1	37	43	25.7
Potash	95	1.2	89	102	79.0
Sulfur	40	1.1	19	22	7.1
Tennessee					
Nitrogen	100	1.3	76	95	60.6
Phosphate	90	1.0	52	54	31.1
Potash	99	1.0	88	92	58.3
Sulfur	42	1.0	8	8	2.1
Texas					
Nitrogen	77	1.4	49	68	310.9
Phosphate	64	1.1	34	38	144.9
Potash	32	1.1	17	19	35.4
Sulfur	40	1.1	12	14	32.3

[1] Planted acres in 2005 for the 9 Program States was 12.4 million acres.

Upland Cotton: Agricultural Chemical Applications, Mississippi, 2005 [1]

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 Lbs
Herbicides					
2,4-D, 2-EHE	2	1.0	0.718	0.718	14
2,4-D, dimeth. salt	13	1.0	0.597	0.597	95
Carfentrazone-ethyl	8	1.3	0.014	0.018	2
Clethodim	3	1.0	0.124	0.124	4
Diuron	49	1.2	0.634	0.748	441
Flumioxazin	7	1.2	0.059	0.072	6
Fluometuron	8	1.1	0.524	0.576	54
Glyphosate	7	1.5	0.582	0.886	78
Glyphosate iso. salt	95	3.1	0.731	2.271	2,605
Linuron	3	1.2	0.548	0.651	23
MSMA	11	1.1	0.977	1.051	145
Pendimethalin	12	1.0	0.717	0.752	113
Prometryn	5	1.5	0.708	1.090	72
Pyrithiobac-sodium	8	1.0	0.044	0.046	4
S-Metolachlor	7	1.0	0.717	0.717	59
Sulfosate	6	2.3	1.116	2.581	182
Trifloxysulfuron-sod	3	1.0	0.008	0.008	[2]
Trifluralin	1	1.0	0.949	0.949	13
Insecticides					
Acephate	71	3.2	0.447	1.433	1,232
Acetamiprid	4	1.1	0.034	0.038	2
Aldicarb	20	1.0	0.616	0.616	152
Cyfluthrin	14	1.2	0.031	0.036	6
Cypermethrin	31	1.4	0.039	0.053	20
Dicrotophos	33	1.9	0.282	0.536	212
Esfenvalerate	4	1.7	0.051	0.089	4
Imidacloprid	15	2.1	0.039	0.081	15
Lambda-cyhalothrin	15	1.2	0.026	0.032	6
Novaluron	8	1.3	0.039	0.050	5
Oxamyl	6	1.8	0.249	0.437	32
Thiamethoxam	31	1.8	0.023	0.041	16
Zeta-cypermethrin	7	1.5	0.031	0.047	4
Fungicides					
Azoxystrobin	3	1.0	0.096	0.096	4
Other Chemicals					
Bacillus cereus	17	3.2	[3]	[3]	[2]
Cyclanilide	16	1.0	0.100	0.100	20
Ethephon	90	1.0	1.052	1.099	1,200
Kinetin	6	2.3	[3]	[3]	[2]
Mepiquat chloride	52	2.9	0.027	0.077	48
Monocarbamide dihyd.	5	1.0	2.553	2.553	168
Paraquat	5	1.1	0.458	0.498	28
Sodium chlorate	2	1.0	2.461	2.461	60
Thidiazuron	88	1.0	0.077	0.080	86
Tribufos	34	1.1	0.577	0.650	268

[1] Planted acres in 2005 for Mississippi were 1.2 million acres.
[2] Total applied is less than 500 pounds.
[3] Rate per acre is less than 0.0005 pounds.

Soybeans: Agricultural Chemical Applications, Program States, 2005 [1]

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 Lbs
Herbicides					
2,4-D, 2-EHE	4	1.0	0.440	0.440	998
2,4-D, BEE	1	1.0	0.436	0.436	298
2,4-D, dimeth. salt	1	1.0	0.501	0.501	243
Atrazine	*	1.0	3.257	3.257	542
Chlorimuron-ethyl	4	1.0	0.013	0.013	34
Clethodim	3	1.0	0.086	0.086	156
Cloransulam-methyl	1	1.1	0.032	0.034	31
Dicamba, Digly Salt	*	1.0	0.263	0.263	40
Fenoxaprop	2	1.0	0.032	0.032	31
Fluazifop-P-butyl	2	1.0	0.109	0.109	125
Flumiclorac-pentyl	1	1.0	0.013	0.013	7
Flumioxazin	3	1.0	0.061	0.062	105
Fomesafen	3	1.0	0.247	0.247	411
Glyphosate	3	1.2	0.861	1.020	1,683
Glyphosate iso. salt	88	1.5	0.755	1.101	63,047
Imazamox	*	1.0	0.028	0.028	6
Imazaquin	1	1.0	0.099	0.099	39
Imazethapyr	2	1.1	0.050	0.057	85
Lactofen	1	1.0	0.128	0.128	57
Metribuzin	2	1.0	0.148	0.148	204
Paraquat	*	1.0	0.479	0.479	151
Pendimethalin	3	1.0	0.968	0.968	2,123
Quizalofop-P-ethyl	*	1.0	0.052	0.052	8
S-Metolachlor	1	1.0	0.951	0.951	549
Sulfentrazone	2	1.0	0.083	0.083	131
Sulfosate	2	1.5	1.162	1.752	2,681
Thifensulfuron	2	1.0	0.005	0.005	6
Trifluralin	4	1.0	0.782	0.782	1,791
Insecticides					
Acephate	*	1.4	0.603	0.826	220
Chlorpyrifos	5	1.0	0.477	0.482	1,413
Cyfluthrin	*	1.4	0.026	0.038	8
Esfenvalerate	1	1.1	0.040	0.043	25
Lambda-cyhalothrin	6	1.0	0.023	0.023	88
Permethrin	1	1.0	0.122	0.122	67
Zeta-cypermethrin	1	1.0	0.024	0.024	19
Fungicides					
Azoxystrobin	1	1.0	0.100	0.100	57
Pyraclostrobin	1	1.0	0.104	0.104	80
Tebuconazole	*	1.0	0.177	0.177	48

* Area applied is less than 0.5 percent.

[1] Planted acres in 2005 for the 17 Program States was 64.8 million acres. States included are AR, IL, IN, IA, KS, KY, LA, MI, MN, MS, MO, NE, NC, OH, SD, TN and VA.

Fertilizer and Agricultural Limestone: Prices Paid, by Selected Region and United States, April 2005-2006

Item	Region [1 2]							
	E. South Central		South Central		Southeast		United States	
	2005	2006	2005	2006	2005	2006	2005	2006
	Dollars Per Ton							
0-18-36	264	286	252	268			258	277
0-20-20	258	283	242	271	241	283	248	281
5-10-10					193	215	193	216
5-10-15	215	230			241	272	233	260
5-10-30					252	270	244	270
5-20-20	247	271					247	271
6-6-6					239	256	232	256
6-6-18					254	296	247	296
6-12-12	223	248					223	248
6-24-24	275	295					287	321
8-8-8					216	234	204	234
10-10-10	205	231			244	267	235	259
10-20-10			240	278			247	280
10-20-20					288	321	279	315
10-34-0			247	283			271	318
13-13-13	272	289	242	264			265	285
15-15-15	275	306					288	326
16-4-8					290	323	289	323
16-6-12			245	262			232	262
16-20-0			241	266			293	323
17-17-17			276	298	300	347	293	334
18-46-0 (DAP)	310	349	285	327	319	354	303	337
19-19-19	310	336					304	340
24-8-0			245	268			244	268
Ammonium Nitrate	292	352	293	334	324	390	292	366
Anhydrous Ammonia	448	537	368	475			416	521
Aqua Ammonia							139	168
Limestone, Spread	21.20	24.30	30.50	31.40	31.70	34.00	20.70	22.3
Muriate of Potash								
60-62% K_2O	258	285	241	259	270	294	245	273
Nitrate of Soda	345	463			318	354	323	373
Nitrogen Solutions								
28% N	219	239	224	233			218	240
30% N					211	227	215	232
32% N	224	245	235	254	229	249	243	269
Sulfate of Ammonia			241	245			244	266
Superphosphate								
44-46% P_2O_5	296	319	267	283	298	331	299	324
Urea 44-46%	330	356	318	327			332	362

[1] East South Central: AL, KY, LA, MS, TN: South Central: AR, OK, TX; Southeast: FL, GA, NC, SC, VA.
[2] Items left blank were not surveyed.

Prices Paid for Farm Equipment and Tractors, United States, April 2004-2006

Item and Unit	2004	2005	2006
		Dollars	
Baler, Square, Pick-Up, Automatic Tie, P.T.O.			
Conventional Size Bales Under 200 Pounds	17,400	18,200	18,200
Round, 1200-1500 Lb bale	19,500	20,300	20,300
Round, 1900-2200 Lb bale	27,000	28,200	29,100
Chisel Plow, 16-20 Foot	15,300	15,600	17,700
Combine, Self-Propelled with Grain Head			
Extra-Large Capacity	218,000	232,000	240,000
Large Capacity	180,000	192,000	201,000
Cotton Picker, Self-Propelled, with Spindle, 4-Row	237,000	238,000	271,000
Cultivator, Row Crop, Front or Rear Mounted			
6-Row	6,920	7,490	7,820
12-Row, Flexible	15,300	17,300	18,300
Disk Harrow, Tandem, Drawn with Hydraulic Lift			
15-17 Foot	14,300	15,700	17,400
18-20 Foot	19,400	21,600	22,000
Field Cultivator, Mounted or Drawn			
17-19 Foot	12,400	14,400	14,400
20-25 Foot, Flexible	17,500	19,600	21,000
Front-End Loader, Hydraulic, Tractor Mounted			
1800-2500 Lb. Capacity, 60 Inch Bucket	5,150	5,450	5,550
Manure Spreader, Conveyor Type, P.T.O., 2-Wheel			
141-190 Bushel Capacity	7,210	7,790	8,030
225-300 Bushel Capacity	10,900	11,900	12,200
Planter, Row Crop			
With Fertilizer Attachment, 4-Row	16,100	16,900	18,200
With Fertilizer Attachment, 8-Row	32,000	31,400	34,100
With Fertilizer Attachment, 24-Row	102,000	108,000	113,000
With Fertilizer Attachment, 12-Row Conservation	53,100	57,900	60,200
Tractor, 2-Wheel Drive			
30-39 P.T.O Horsepower	16,100	16,700	17,500
50-59 P.T.O Horsepower	21,500	23,400	23,700
70-89 P.T.O Horsepower	33,900	36,800	37,600
110-129 P.T.O Horsepower	65,700	68,500	70,900
140-159 P.T.O Horsepower	86,900	91,900	95,500
190-220 P.T.O Horsepower	121,000	126,000	131,000
Tractor, 4-Wheel Drive			
200-280 P.T.O Horsepower	141,000	142,000	150,000

Prices Paid for Selected Field Seeds, United States, April 2003-2006

Item	Unit	2003	2004	2005	2006
			Dollars		
Row Crops					
Cottonseed, All	Cwt	218	270	309	356
Biotech [1]	Cwt	293	340	390	443
Non-Biotech	Cwt	107	108	110	118
Grain Sorghum	Cwt	100	105	114	116
Peanuts	Cwt	55.90	56.90	46.40	57.70
Soybeans, All	Bu	24.20	24.10	27.60	28.90
Biotech [1]	Bu	28.80	30.50	34.60	34.10
Non-Biotech	Bu	19.60	17.40	19.10	21.10
Small Grains					
Rice	Cwt	14.90	19.60	20.80	27.30
Wheat, Winter	Bu	8.01	8.26	9.06	9.32
Grasses					
Rye Grass, Annual	Cwt	51.30	52.60	59.30	69.60
Timothy	Cwt	107	110	105	106

[1] Biotech varieties are made to be resistant to herbicides, insects, or both. A technology fee is included within the price.