

# Prospective Plantings

Washington, D.C.

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#### **Update Alert**

Correction was made to tables titled "Crop Summary: Area Planted and Harvested, United States, 2000-01, Domestic Units" on page 25 and the Metric Units on page 27. The correction was made to Sugarbeets.

#### Corn Acreage Down 4 Percent from 2000 Soybean Acreage Up 3 Percent Cotton Acreage Up Slightly

**Corn** growers intend to plant 76.7 million acres of corn for all purposes in 2001, down 4 percent from 2000 and down 1 percent from 1999. Expected acreage is down in almost all areas of the United States. Plantings are down throughout the Corn Belt due mostly to the high cost of inputs and low price prospects. Farmers intentions shifted away from corn in Texas and Louisiana as planting was hampered by frequent rains during the spring. Dry soils and lack of water reserves in the Southeast reduced intended corn plantings. The only region where farmers intend to plant more corn is in the Northeast where cool, wet weather last spring prevented many corn acres from being planted.

**Soybean** producers intend to plant 76.7 million acres in 2001, up 3 percent from last year. If realized, this will be the largest planted area for soybeans on record. Of the 31 soybean producing States, producers in 22 States intend to plant more acres this year, while producers in 8 States intend to plant fewer acres than in 2000. Oklahoma is expecting no change from the previous year.

**Sorghum** plantings are expected to total 9.37 million acres, up 2 percent from last year.

**All wheat** planted area is expected to total 60.3 million acres in 2001. This is down 4 percent from 2000 and the lowest level since 1973.

Area planted to **Durum wheat** is intended to total 3.46 million acres, down 12 percent from 2000.

The 2001 **other spring wheat** planted acreage is estimated at 15.5 million acres, up 2 percent from last year. Of the total, about 14.6 million acres are Hard Red Spring wheat.

**All Cotton** plantings for 2001 are expected to total 15.6 million acres, up less than 1 percent from last year. If intentions are realized this would be the largest acreage since 1995 and the second largest since 1962. Low cotton prices and high energy costs have limited any significant increase in planting intentions. Upland cotton acreage is expected to total 15.4 million acres, 29,000 acres above 2000. Growers intend to plant 220,000 acres of American-Pima cotton, up 28 percent from last year.

This report was approved on March 30, 2001.

Acting Secretary of Agriculture Keith J. Collins Agricultural Statistics Board
Chairperson
Frederic A. Vogel

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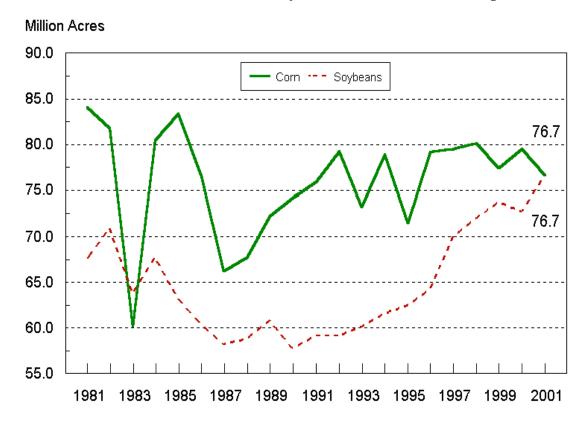
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Corn: Area Planted by State and United States, 1999-2001

Chaha	Area Planted				
State	1999	2000	2001 1	2001/2000	
	1,000 Acres	1,000 Acres	1,000 Acres	Percent	
,	220	230	190		
	50	56	50		
	105	180	170		
	525	540	520		
	1,230	1,350	1,130		
	38	36	34		
	169	165	170	1	
	90	85	78		
	350	400	300		
	165	195	190		
	10,800	11,200	11,000		
	5,800	5,700	5,500		
	12,100	12,300	11,900		
	3,150	3,450	3,400		
	1,320	1,330	1,280		
	340	380	280		
i.	33	28	28	1	
)	470	480	490	i	
1	26	25	25	1	
•	2,200	2,200	2,150	•	
I	7,100	7,100	6,800		
	340	410	400		
)	2,650	2,850	2,850	1	
	65	60	55	1	
	8,600	8,500	8,300		
2	8,000	4	4	1	
[	15	15	15	1	
	110	90	100	1	
1	150	150	140	1	
,	1,150	980	1,100	1	
	750	730	710		
	800	1,080	950		
	3,450	3,550	3,350		
	430	3,300	270		
	45	55	55	1	
	1,500	1,550	1,550	1	
	3	2	2	1	
	300	310	270		
	3,600	4,300	4,100		
	630	650	640		
	1,950	2,100	1,900		
	61	64	62		
		90	90	1	
	106 500	470	430	1	
<b>A</b>	155		125		
7		155 55			
'	60	2.500	55	1	
7	3,600	3,500	3,400		
L	85	95	85		
	77,386	79,545	76,693		

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers. <sup>2</sup> Estimates began in 2000.

### U.S. Corn and Soybean Planted Acreage



Sorghum: Area Planted by State and United States, 1999-2001

Stata		Area Plan	ited	
State	1999	2000	2001 1	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
L.	11	10	12	12
$\mathcal{Z}^2$		16	14	9
R A <sup>2</sup>	130	150	160	10
$A^2$		12	11	
O E <sup>2</sup>	230	280	300	1
E 2		3	3	1
A	50	55	55	1
_	100	90	90	1
S	3,600	3,500	3,600	1
Y	10	11	11	1
A	240	220	240	1
ID <sup>2</sup>		10	7	
IS	60	90	100	1
O	320	280	280	1
E	550	600	650	1
M	150	165	200	1
C	19	18	18	1
K A <sup>2</sup>	440	450	470	1
A 2		13	13	1
C	8	9	8	
D	200	180	190	1
N	20	25	30	1
X	3,150	3,000	2,900	
A <sup>2</sup>		8	6	,
S	9,288	9,195	9,368	1

# Oats: Area Planted and Harvested by State and United States, 1999-2001 <sup>1</sup>

		Area	Planted	d Cinica States,		Area I	Harvested	
State	1999	2000	2001 2	2001/2000	1999	2000	2001 2	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent	Acres	Acres	Acres	Percent
$AL^3$	40				20			
AR 3	13				11			
CA	275	220	220	100	25	25	30	120
CO	50	80	95	119	20	35	25	71
GA	60	70	100	143	25	35	40	114
ID	80	80	80	100	25	15	20	133
IL	75	75	70	93	60	55	55	100
IN	40	40	30	75	25	25	20	80
IΑ	250	270	230	85	175	180	150	83
KS	120	110	100	91	70	50	40	80
ME ,	30	32	30	94	27	30	27	90
$MD^{3}$	8				_5			
MI	100	95	85	89	75	75	70	93
MN	360	400	375	94	300	310	260	84
MO	35	50	45	90	22	30	27	90
MT	170	130	150	115	70	50	55	110
NE	135	130	145	112	75	45	80	178
NY	100	80	75	94	70	60	55	92
NC	60	60	50	83	30	30	25	83
ND	650	600	550	92	330	315	300	95
OH	120	110	100	91	100	90	80	89
OK	75	60	50	83	30	15	10	67
OR	40	50	45	90	20	25	20	80
PA SC	170	175	170	97	145	145	140	97
SD	55 320	60 350	50 370	83	35	35	30	86
TX	670	600	700	106	200 110	220	215 150	98 150
UT	45	50		117		100		
WA	30	35	55 35	110 100	9 15	7 15	10 15	143 100
WA $WV^3$	30 7	33	33	100	2	13	13	100
WI	430	400	350	88	300	280	225	80
WY	60	65	70	108	27	27	30	111
US	4,673	4,477	4,425	99	2,453	2,324	2,204	95

<sup>&</sup>lt;sup>1</sup> Includes area planted in preceding fall.
<sup>2</sup> Intended area planted and to be planted and area to be harvested for 2001 as indicated by reports from farmers.
<sup>3</sup> Estimates discontinued for 2000.

All Wheat: Area Planted by State and United States, 1999-2001  $^{\rm 1}$ 

G	Area Planted					
State	1999	2000	2001 2	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AL	140	140	190	136		
AZ	86	92	85	92		
AR	970	1,180	1,150	97		
CA	590	600	585	98		
CO	2,653	2,548	2,452	96		
DE	75	65	60	92		
FL	16	13	10	77		
GA	300	300	300	100		
ID	1,420	1,370	1,400	102		
IL	1,050	950	800	84		
IN	550	550	500	91		
IA	40	20	25	125		
KS	10,000	9,800	9,900	101		
KY	650	670	550	82		
LA	110	200	180	90		
MD	215	220	190	86		
MI	610	530	570	108		
MN	2,045	2,022	2,072	102		
MS	180	250	205	82		
MO	980	1,050	900	86		
MT	5,560	5,330	4,920	92		
NE	1,900	1,750	1,800	103		
NV	17	18	17	94		
NJ	42	40	31	78		
NM	445	470	500	106		
NY	130	150	125	83		
NC	650	720	680	94		
ND	9,410	10,170	10,060	99		
OH	1,050	1,120	1,000	89		
OK	6,400	6,100	5,400	89		
OR	870	880	875	99		
PA SC	195	200	170	85		
SC	225	190	230	121		
SD	3,105	3,020	2,875	95		
TN	500	550	520	95		
TX	6,200	6,000	5,700	95		
UT	176	173	168	97		
VA	280	240	200	83		
WA	2,525	2,475	2,530	102		
WV	11	13	12	92		
WI	133	149	180	121		
WY	210	201	182	91		
US	62,714	62,529	60,299	96		

<sup>&</sup>lt;sup>1</sup> Includes area planted in preceding fall.
<sup>2</sup> Intended planting for 2001 as indicated by reports from farmers.

Winter Wheat: Area Planted by State and United States, 1999-2001  $^{\rm 1}$ 

G	Area Planted					
State	1999	2000	2001	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AL	140	140	190	136		
AZ	11	7	5	71		
AR	970	1,180	1,150	97		
CA	500	500	500	100		
CO	2,600	2,500	2,400	96		
DE	75	65	60	92		
FL	16	13	10	77		
GA	300	300	300	100		
ID	760	780	760	97		
IL	1,050	950	800	84		
IN	550	550	500	91		
IA	40	20	25	125		
KS	10,000	9,800	9,900	101		
KY	650	670	550	82		
LA	110	200	180	90		
MD	215	220	190	86		
MI	610	530	570	108		
MN	40	20	20	100		
MS	180	250	205	82		
MO	980	1,050	900	86		
MT	1,050	1,500	1,200	80		
NE	1,900	1,750	1,800	103		
NV	11	10	8	80		
NJ	42	40	31	78		
NM	445	470	500	106		
NY	130	150	125	83		
NC	650	720	680	94		
ND	60	120	160	133		
OH	1,050	1,120	1,000	89		
OK	6,400	6,100	5,400	89		
OR	710	750	750	100		
PA	195	200	170	85		
SC	225	190	230	121		
SD	1,300	1,350	1,300	96		
TN	500	550	520	95		
TX	6,200	6,000	5,700	95		
UT	150	150	145	97		
VA	280	240	200	83		
WA	1,900	1,850	1,850	100		
WV	11	13	12	92		
WI	125	140	170	121		
WY	200	190	170	89		
US	43,331	43,348	41,336	95		

<sup>&</sup>lt;sup>1</sup> Includes area planted in preceding fall.

#### Durum Wheat: Area Planted by State and United States, 1999-2001 $^{\rm 1}$

Ctata	Area Planted					
State	1999	2000	2001 2	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AZ	75	85	80	94		
CA	90	100	85	85		
MN	5	2	2	100		
MT	360	480	470	98		
ND	3,450	3,250	2,800	86		
SD	55	20	25	125		
US	4,035	3,937	3,462	88		

#### Other Spring Wheat: Area Planted by State and United States, 1999-2001

State	Area Planted					
	1999	2000	2001 1	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
CO	53	48	52	108		
ID	660	590	640	108		
MN	2,000	2,000	2,050	103		
MT	4,150	3,350	3,250	97		
NV	6	8	9	113		
ND	5,900	6,800	7,100	104		
OR	160	130	125	96		
SD	1,750	1,650	1,550	94		
UT	26	23	23	100		
WA	625	625	680	109		
WI	8	9	10	111		
WY	10	11	12	109		
US	15,348	15,244	15,501	102		

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers.

<sup>&</sup>lt;sup>1</sup> Includes area planted in preceding fall in AZ and CA.
<sup>2</sup> Intended plantings in 2001 as indicated by reports from farmers.

Barley: Area Planted by State and United States, 1999-2001 <sup>1</sup>

Ctata		Area Plan	ted	
State	1999	2000	2001 2	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
AZ	63	40	45	113
CA	140	110	130	118
CO	95	110	105	95
DE	30	30	27	90
ID	710	750	760	101
KS	16	8	5	63
KY	9	9	9	100
ME <sup>3</sup>		22	27	123
MD	55	55	55	100
MI	23	20	20	100
MN	200	270	260	96
MT	1,300	1,250	1,200	96
NE	5	10	5	50
NV	5 5	4	4	100
NJ NY <sup>3</sup>	6	5	5	100
NY <sup>3</sup>		12	10	83
NC	24	30	28	93
ND	1,350	1,900	1,600	84
ND OH <sup>3</sup>		14	11	79
OK <sup>4</sup>	5			
OR	145	150	125	83
PA	75	80	80	100
SC <sup>4</sup>	3			
SD TX <sup>4</sup>	80	115	90	78
TX <sup>4</sup>	15			
UT	90	95	85	89
VA	80	85	65	76
WA	500	500	400	80
WI	80	65	60	92
WY	90	105	110	105
US	5,194	5,844	5,321	91

<sup>1</sup> Includes area planted in preceding fall.
2 Intended plantings in 2001 as indicated by reports from farmers.
3 Estimates began in 2000.
4 Estimates discontinued in 2000.

Soybeans: Area Planted by State and United States, 1999-2001

G	Area Planted					
State	1999	2000	2001 1	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AL	240	190	160	84		
AR	3,400	3,350	3,250	97		
DE	205	215	220	102		
FL	20	20	15	75		
GA	220	180	200	111		
IL	10,600	10,500	10,700	102		
IN	5,600	5,650	5,800	103		
IA	10,800	10,700	11,000	103		
KS	2,850	2,950	3,000	102		
KY	1,200	1,200	1,250	104		
LA	1,020	930	820	88		
MD	490	520	550	106		
MI	1,950	2,100	2,150	102		
MN	7,000	7,300	7,600	104		
MS	1,950	1,700	1,500	88		
MO	5,400	5,150	5,250	102		
NE	4,300	4,650	4,850	104		
NJ	105	100	105	105		
NY	130	135	140	104		
NC	1,400	1,400	1,350	96		
ND	1,350	1,900	2,400	126		
OH	4,600	4,450	4,650	104		
OK	480	460	460	100		
PA	370	400	420	105		
SC	480	460	490	107		
SD	4,100	4,400	4,700	107		
TN	1,250	1,180	1,050	89		
TX	400	290	330	114		
VA	470	500	480	96		
WV <sup>2</sup>		16	17	106		
WI	1,350	1,500	1,750	117		
US	73,730	74,496	76,657	103		

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers. <sup>2</sup> Estimate began in 2000.

# Rice: Area Planted by Class, State, and United States, 1999-2001

Class		Area Plant	ted	
and State	1999	2000 1	2001 2	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
Long Grain				
AR	1,378	1,138	1,228	108
CA	5	9	10	111
LA	585	460	520	113
MS	325	220	225	102
MO	184	169	184	109
TX	254	210	216	103
US	2,731	2,206	2,383	108
Medium Grain				
AR	250	280	170	61
CA	455	507	475	94
LA	35	25	20	80
MO	2	1	1	100
TX	6	5	4	80
US	748	818	670	82
Short Grain				
AR	2	2	2	100
CA	50	34	35	103
US	52	36	37	103
All				
AR	1,630	1,420	1,400	99
CA	510	550	520	95
LA	620	485	540	111
MS	325	220	225	102
MO	186	170	185	109
TX	260	215	220	102
US	3,531	3,060	3,090	101

<sup>&</sup>lt;sup>1</sup> Revised <sup>2</sup> Intended plantings in 2001 as indicated by reports from farmers.

### Sunflowers: Area Planted by Type, State, and United States, 1999-2001

Varietal		Area P	lanted	
Type and State	1999	2000	2001 1	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
Oil				
CO	175	120	120	100
KS	250	200	290	145
MN NE	80 49	55 55	50 65	91 118
ND ND	1,250	1,020	900	88
SD	870	700	600	86
TX	25	15	30	200
Oth Sts <sup>2 3 4</sup>	58	54	54	100
US	2,757	2,219	2,109	95
Non-Oil				
CO	95	65	85	131
KS	30	20	30	150
MN	50	35	50	143
NE ND	52	35 320	40 300	114 94
ND SD	450 50	40	50	125
TX	50	45	55	123
Oth Sts <sup>2 3 4</sup>	19	13	13	100
US	796	573	623	109
All				
CO	270	185	205	111
KS	280	220	320	145
MN	130	90	100	111
NE ND	101	90	105	117
ND SD	1,700 920	1,340 740	1,200 650	90 88
TX	75	60	85	142
Oth Sts <sup>2 3 4</sup>	77	67	67	100
US	3,553	2,792	2,732	98

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers.

<sup>2</sup> 2001 estimates carried forward from 2000. First 2001 estimate will be published in "Acreage" on June 29, 2001.

<sup>3</sup> For 1999, Other States include AR, CA, DE, FL, GA, IL, IN, KY, LA, MD, MI, MS, MO, MT, NJ, NM, NY, NC, OH, OK, PA, SC, TN, UT, VA, WA, WI, and WY.

<sup>4</sup> For 2000, and 2001, Other States include CA, GA, IL, LA, MI, MO, MT, NM, NY, OH, OK, PA, SC, UT, WA, WI, and WY.

Canola: Area Planted by State and United States, 1999-2001

G	Area Planted					
State	1999	2000	2001 1	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
MN ND	105 855	140 1,270	135 1,600	96 126		
Oth Sts <sup>2 3 4</sup>	116	157	157	100		
US	1,076	1,567	1,892	121		

#### Sweet Potatoes: Area Planted by State and United States, 1999-2001

C+-+-	Area Planted					
State	1999	2000	2001 1	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AL	3.3	3.3	2.9	88		
CA	10.0	9.7	9.2	95		
GA	0.7	0.6	0.6	100		
LA	24.0	25.0	25.0	100		
MS	10.5	12.7	14.0	110		
NJ	1.0	1.2	1.0	83		
NC	37.0	38.0	38.0	100		
SC	1.2	0.8	1.0	125		
TX	5.6	5.5	4.0	73		
VA	0.5	0.5	0.5	100		
US	93.8	97.3	96.2	99		

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers.

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers.

<sup>2</sup> 2001 estimates carried forward from 2000. First 2001 estimate will be published in "Acreage" on June 29, 2001.

<sup>3</sup> For 1999, Other States include AL, AZ, AR, CA, CO, DE, FL, GA, ID, IL, IN, KS, KY, LA, MD, MI, MO, MT, NE, NJ, NY, NC, OH, OK, OR, PA, SC, SD, TN, UT, VA, WA, WI, and WY.

<sup>4</sup> For 2000 and 2001, Other States include AL, AZ, CA, GA, ID, IN, KS, MI, MT, NY, OR, PA, SC, SD, and WA.

### Peanuts: Area Planted by State and United States, 1999-2001

G	Area Planted					
State	1999	2000 1	2001 2	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
AL	207.0	200.0	195.0	98		
FL	102.0	94.0	95.0	101		
GA	546.0	492.0	480.0	98		
NM	22.0	24.0	24.0	100		
NC	126.0	123.0	123.0	100		
OK	83.0	97.0	90.0	93		
SC	11.5	12.0	12.0	100		
TX	360.0	425.0	370.0	87		
VA	77.0	76.0	76.0	100		
US	1,534.5	1,543.0	1,465.0	95		

Any revisions for the 2000 crop will be released in "Crop Production" published on April 10, 2001. Intended plantings in 2001 as indicated by reports from farmers.

## Dry Edible Beans: Area Planted by State and United States, 1999-2001 <sup>1</sup>

C4-4-	Area Planted					
State	1999	2000	2001 2	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
CA	135.0	115.0	100.0	87		
CO	155.0	120.0	90.0	75		
ID	105.0	90.0	90.0	100		
KS	22.0	18.0	15.0	83		
MI	350.0	285.0	200.0	70		
MN	205.0	165.0	120.0	73		
MT	26.5	40.5	50.0	123		
NE	210.0	165.0	140.0	85		
NM <sup>3</sup>	1.0					
NY	31.0	25.0	30.0	120		
ND	630.0	610.0	500.0	82		
OR	11.5	12.0	11.0	92		
SD <sup>4</sup>		11.0	11.0	100		
TX	50.0	18.0	18.0	100		
UT	6.7	5.4	6.4	119		
WA	36.0	32.0	30.0	94		
WI	8.3	8.3	7.5	90		
WY	40.0	36.0	34.0	94		
US	2,023.0	1,756.2	1,452.9	83		

<sup>1</sup> Excludes beans grown for garden seed.
2 Intended plantings in 2001 as indicated by reports from farmers.
3 Estimates discontinued in 2000.
4 Estimates began in 2000.

All Hay: Area Harvested by State and United States, 1999-2001

		Area Hai		
State	1999	2000	2001 1	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
AL	800	720	800	111
AZ	240	247	250	101
AR	1,240	1,250	1,250	100
CA	1,580	1,530	1,540	101
CO	1,520	1,400	1,550	111
CT	61	65	60	92
DE	15	17	17	100
FL	260	270	270	100
GA	600	650	700	108
ID	1,430	1,390	1,410	101
IL	850	850	850	100
IN	700	750	750	100
IA	1,700	1,700	1,700	100
KS	2,750	2,800	2,900	104
KY	2,400	2,450	2,300	94
LA	380	350	410	117
ME	162	132	130	98
MD	210	235	240	102
MA	107	96	105	109
MI	1,300	1,300	1,300	100
MN	2,450	2,250	2,400	107
MS	850	800	800	100
MO	3,650	3,720	3,850	103
MT	2,600	2,000	2,500	125
NE	3,200	3,050	3,200	105
NV	480	490	485	99
NH	62	58	60	103
NJ	130	130	130	100
NM	380	380	380	100
NY	1,500	1,520	1,600	105
NC	710	710	720	101
ND	2,900	2,450	2,800	114
OH	1,300	1,400	1,440	103
OK OR	2,560	2,430	2,550	105
PA	1,100	1,080	1,050	97
RI	1,900	1,800	1,850	103 100
SC	300	300	300	100
SD	4,000	4,050	4,200	100
TN	1,880	2,035	2,040	104
TX	5,530	4,120	5,900	143
UT	700	700	700	
VT	245	230	245	100 107
VA VA	1,270	1,320	1,320	107
WA WA	740	780	760	97
WV	580	600	600	100
WI	2,600	2,100	2,100	100
WY	1,290	1,140	1,250	110
US	63,220	59,854	63,771	107

<sup>&</sup>lt;sup>1</sup> Intended area harvested in 2001 as indicated by reports from farmers.

# Cotton: Area Planted by Type, State, and United States, 1999-2001

Type		Area Plan	ited	
and State	1999	2000	2001 1	2001/2000
	1,000 Acres	1,000 Acres	1,000 Acres	Percent
Upland				
AL	565.0	590.0	600.0	102
AZ	270.0	280.0	280.0	100
AR	970.0	960.0	1,050.0	109
CA	610.0	775.0	660.0	85
FL	107.0	130.0	120.0	92
GA	1,470.0	1,500.0	1,500.0	100
KS	33.0	40.0	44.0	110
LA	615.0	710.0	800.0	113
MS	1,200.0	1,300.0	1,500.0	115
MO	380.0	400.0	400.0	100
NM	84.0	90.0	75.0	83
NC	880.0	930.0	1,050.0	113
OK	240.0	280.0	300.0	107
SC	330.0	300.0	310.0	107
TN	570.0	570.0		105
TX	6,150.0	570.0	600.0	
IA VA		6,400.0	6,000.0	94
VA	110.0	110.0	105.0	95
US	14,584.0	15,365.0	15,394.0	100
Amer-Pima				
AZ	9.0	6.0	7.0	117
CA	240.0	145.0	190.0	131
NM	7.5	4.5	7.0	156
TX	33.0	16.0	16.0	100
US	289.5	171.5	220.0	128
All				
AL	565.0	590.0	600.0	102
AZ	279.0	286.0	287.0	100
AR	970.0	960.0	1,050.0	109
CA	850.0	920.0	850.0	92
FL	107.0	130.0	120.0	92
GA	1,470.0	1,500.0	1,500.0	100
KS	33.0	40.0	44.0	110
LA	615.0	710.0	800.0	113
MS	1,200.0	1,300.0	1,500.0	115
MO	380.0	400.0	400.0	100
NM	91.5	94.5	82.0	87
NC	880.0	930.0	1,050.0	113
OK	240.0	280.0	300.0	107
SC	330.0	300.0	310.0	107
TN	570.0	570.0	600.0	105
TY	6,183.0	6,416.0	6,016.0	94
TX VA	110.0	110.0	105.0	94 95
US	14,873.5	15,536.5	15,614.0	100
	1.,0,0,0	10,000.0	10,01110	100

<sup>&</sup>lt;sup>1</sup> Intended plantings in 2001 as indicated by reports from farmers.

**Tobacco: Area Harvested by State and United States, 1999-2001** 

G	Area Harvested					
State	1999	2000	2001 1	2001/2000		
	Acres	Acres	Acres	Percent		
CT	3,040	1,700	2,400	141		
FL	5,800	4,500	4,500	100		
GA	33,000	31,000	27,000	87		
IN	6,500	3,800	3,800	100		
KY	221,650	137,700	130,500	95		
MD	6,500	6,000	2,600	43		
MA	1,320	550	1,300	236		
MO	2,300	1,400	1,500	107		
NC	207,800	170,400	169,400	99		
OH	9,800	7,500	7,500	100		
PA	6,200	5,100	2,800	55		
SC	39,000	34,000	32,000	94		
TN	63,170	51,920	41,220	79		
VA	38,300	27,900	28,400	102		
WV	1,600	1,300	1,300	100		
WI	1,180	960	1,450	151		
US	647,160	485,730	457,670	94		

<sup>&</sup>lt;sup>1</sup> Intended area harvested in 2001 as indicated by reports from farmers.

# Tobacco: Area Harvested by Class, Type, State, and United States, 1999-2001

VA 26,000 17,500 19	0,000 1 0,000 1	100 109
Class 1, Flue-cured Type 11, Old Belts NC VA US Type 12, Eastern NC Belt NC 119,000 102,000 102,000 102,000 102,000	0,000 0,000 1,000 1	109
Type 11, Old Belts NC VA VA US S1,000 Type 12, Eastern NC Belt NC 119,000 102,000 102,000 102,000	0,000 1 0,000 1	109
NC     55,000     40,000     40       VA     26,000     17,500     19       US     81,000     57,500     59       Type 12, Eastern NC     Belt     119,000     102,000     102	0,000 1 0,000 1	109
VA 26,000 17,500 19 US 81,000 57,500 59  Type 12, Eastern NC Belt 119,000 102,000 102	0,000 1 0,000 1	109
US	2,000	
Type 12, Eastern NC Belt NC 119,000 102,000 102		
Belt NC 119,000 102,000 102		103
NC 119,000 102,000 102	. 000	
		100
LVDA LS INI BORDAR X7	.,000	100
SC Belt		
	.000	100
	2,000	94
	3,000	96
Type 14, GA-FL Belt	,	
	1,500	100
GA 33,000 31,000 27	,000	87
US 38,800 35,500 31	,500	89
	5,500	98
Class 2, Fire-cured		
Type 21, VA Belt		
	,300	100
Type 22, Eastern		
District 2.750	200	70
	3,200	78
	5,100	80
US Type 23, Western 10,750 11,700 9	9,300	79
District		
	3,000	79
TN 570 5,500 630	500	79
US 4.070 4.430 3	3,500	79
	1,100	81
Class 3, Air-cured	,100	-
Class 3A, Light		
Air-cured		
Type 31, Burley		
	3,800	100
	0,000	96
		107
	5,400	86
		100
	1,000	79
	3,000	89
		100
	2,500	92
Type 32, Southern MD Belt		
	2,600	43
PA 3,000 0,000 2,700	900	33
	3,500	40
	5,000	90

See footnotes at end of table. --continued

# Tobacco: Area Harvested by Class, Type, State, and United States, 1999-2001 (continued)

CI LT		Area Harveste	ed	
Class and Type	1999	2000	2001 1	2001/2000
	Acres	Acres	Acres	Percent
Class 3, Air-cured				
Class 3B, Dark				
Air-cured				
Type 35, One Sucker				
Belt				
KY	2,850	3,100	2,800	90
TN	600	690	620	90
US To Composit	3,450	3,790	3,420	90
Type 36, Green River				
Belt KY	1,550	1,700	1,500	88
Type 37, VA Sun-cured	1,550	1,700	1,300	00
Belt				
VA	100	100	100	100
Total 35-37	5,100	5,590	5,020	90
Class 4, Cigar Filler	2,100	2,250	2,020	, ,
Type 41, PA Seedleaf				
PA	3,200	2,400	1,900	79
Class 5, Cigar Binder	,	,	,	
Class 5A, CT Valley				
Binder				
Type 51, CT Valley				
Broadleaf				
CT	1,530	600	1,300	217
MA	970	300	1,000	333
US Class 5P, WI Pin dan	2,500	900	2,300	256
Class 5B, WI Binder Type 54, Southern WI				
WI	890	730	1,100	151
Type 55, Northern WI	870	750	1,100	131
WI	290	230	350	152
Total 54-55	1,180	960	1,450	151
Total 51-55	3,680	1,860	3,750	202
Class 6, Cigar Wrapper	,	,	,	
Type 61, CT Valley				
Shade-grown				
CT	1,510	1,100	1,100	100
MA	350	250	300	120
US	1,860	1,350	1,400	104
All Cigar Types	0.740	7.610	7.050	126
Total 41-61	8,740	5,610	7,050	126
All Tobacco	647,160	485,730	457,670	94

Intended area harvested in 2001 as indicated by reports from farmers.

Sugarbeets: Area Planted by State and United States, 1999-2001 <sup>1</sup>

State	Area Planted					
	1999	2000	2001 2	2001/2000		
	1,000 Acres	1,000 Acres	1,000 Acres	Percent		
CA	110.0	98.0	43.0	44		
CO	72.1	71.5	49.5	69		
ID	211.0	212.0	203.0	96		
MI	194.0	189.0	180.0	95		
MN	480.0	490.0	483.0	99		
MT	61.8	60.7	60.0	99		
NE	72.7	78.2	59.0	75		
ND	251.6	258.0	258.0	100		
OH	1.8	1.2	1.0	83		
OR	20.1	16.2	11.0	68		
WA	27.5	28.4	30.0	106		
WY	58.0	61.0	55.0	90		
US	1,560.6	1,564.2	1,432.5	92		

<sup>&</sup>lt;sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in CA. <sup>2</sup> Intended plantings in 2001 as indicated by reports from farmers.

#### **Biotechnology Varieties**

The National Agricultural Statistics Service conducts the March Agricultural Survey in all States each year. Randomly selected farmers across the United States are asked what they intend to plant during the upcoming growing season. Questions include whether or not farmers intend to plant corn, soybean, or upland cotton seed that, through biotechnology, is resistant to herbicides, insects, or both. The biotechnology (biotech) questions were asked for the first time in March 2000. The States published individually in the following tables represent 82 percent of all corn planted acres, 89 percent of all soybean planted acres, and 82 percent of all upland cotton planted acres.

Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

The acreage estimates are subject to sampling variability because all operations planting biotech varieties are not included in the sample. The variability for the 48 corn States, as measured by the relative standard error at the U.S. level, is approximately 2.2 percent for all biotech varieties, 2.8 percent for insect resistant (Bt) only varieties, 3.9 percent for herbicide resistant only varieties, and 9.3 percent for stacked gene varieties. This means that chances are approximately 95 out of 100 that survey estimates will be within plus or minus 4.4 percent for all biotech varieties, 5.6 percent for insect resistant (Bt) only varieties, 7.8 percent for herbicide resistant varieties, and 18.6 percent for stacked gene varieties. Variability for the 31 soybeans States is approximately 0.7 percent for herbicide resistant varieties. Variability for the 17 upland cotton States is approximately 1.4 percent for all biotech varieties, 0.7 percent for insect resistant (Bt) only varieties, 1.2 percent for herbicide resistant only varieties, and 0.9 percent for stacked gene varieties.

Corn for Grain: Biotechnology Varieties by State and United States, Percent of All Corn Planted, 2000-2001

G	Insect Resist	tant (Bt)	Herbicide R	esistant	
State	2000	2001	2000	2001	
	Percent	Percent	Percent	Percent	
IL	13	11	3	3	
IN	7	5	4	5	
IA	23	20	5	6	
KS	25	25	7	10	
MI	8	7	4	7	
MN	28	24	7	8 8	
MO	20	19	6	8	
NE	24	18	8	6	
NE OH	6	6	3	3	
SD	35	29	11	14	
SD WI	13	11	4	4	
Oth Sts 1	10	12	6	7	
US	18	16	6	7	
	Stacked Gene	Varieties	All Biotech Varieties		
	2000	2001	2000	2001	
	Percent	Percent	Percent	Percent	
IL	1	*	17	14	
IN	*	1	11	11	
IA	2	2	30	28	
IA KS	1	$\frac{5}{2}$	33	37	
MI	*	$\bar{1}$	12	15	
MN	2	3	37	35	
MO	2	2	28	29	
NE	2 *	1	34	25	
OH	*	1	9	10	
SD	2	3	48	46	
WI	1	3 2	18	17	
Oth Sts 1	1	1	17	20	
US	1	1	25	24	

<sup>\*</sup> Data rounds to less than 0.5 percent.

Other States includes all other States in the Corn estimating program.

## Upland Cotton: Biotechnology Varieties by State and United States, Percent of Upland Cotton Planted, 2000-2001

	Insect Resi	istant (Bt)	Herbicide	Herbicide Resistant		
State	2000	2001	2000	2001		
	Percent	Percent	Percent	Percent		
AR	33	21	23	16		
CA	3	5	17	17		
CA GA LA MS NC TX	18	12	32	29		
LA	37	39	13	10		
MS	29	16	13	16		
NC	11	6	29	22 38		
TX	7	6	33	38		
Oth Sts 1	17	19	21	25		
US	15	13	26	28		
	Stacked Gen	ne Varieties	All Biotech Varieties			
	2000	2001	2000	2001		
	Percent	Percent	Percent	Percent		
AR	14	35	70	72		
AR CA GA LA MS NC TX	4	2	24	24		
GA	32	36	82	77		
LA	30	36 37	80	86		
MS	36	54	78	86		
NC	36	43	76	71		
TX	6	3	46	47		
Oth Sts 1	36	27	74	71		
US	20	23	61	64		

Other States includes all other States in the Upland Cotton estimating program.

## Soybeans: Biotechnology Varieties by State and United States, Percent of All Soybeans Planted, 2000-2001

Ctata	Herbicide Resis	tant Only	All Biotech Varieties		
State	2000	2001	2000	2001	
	Percent	Percent	Percent	Percent	
AR	43	51	43	51	
IL	44	59	44	59	
IN	63	72	63	72	
IA	59	62	59	62	
KS	66	80	66	80	
MI	50	61	50	61	
MN	46	55	46	55	
MS	48	61	48	61	
MO	62	70	62	70	
NE	72	75	72	75	
ND	22	36	22	36	
OH	48	60	48	60	
SD	68	77	68	77	
WI	51	63	51	63	
Oth Sts <sup>1</sup>	54	64	54	64	
US	54	63	54	63	

<sup>&</sup>lt;sup>1</sup> Other States includes all other States in the Soybean estimating program.

## Crop Summary: Area Planted and Harvested, United States, 2000-2001 (Domestic Units) $^{1}$

Area Planted Area Harvested						
Crop	2000	2001	2000	Area Harvested 2001		
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres		
Grains & Hay						
Barley	5,844.0	5,321.0	5,201.0			
Corn for Grain <sup>2</sup>	79,545.0	76,693.0	72,732.0			
Corn for Silage			5,868.0			
Hay, All			59,854.0	63,771.0		
Alfalfa All Other			23,077.0 36,777.0			
Oats	4,477.0	4,425.0	2,324.0	2,204.0		
Proso Millet	440.0	1,1211	370.0	_,,		
Rice	3,060.0	3,090.0	3,039.0			
Rye	1,335.0		302.0			
Sorghum for Grain <sup>2</sup>	9,195.0	9,368.0	7,723.0			
Sorghum for Silage Wheat, All	62,529.0	60,299.0	265.0 53,028.0			
Winter	43,348.0	41,336.0	35,023.0			
Durum	3,937.0	3,462.0	3,572.0			
Other Spring	15,244.0	15,501.0	14,434.0			
Oilseeds						
Canola	1,567.0	1,892.0	1,509.0			
Cottonseed						
Flaxseed	536.0		517.0			
Mustard Seed Peanuts	46.0	1 465 0	42.9			
Rapeseed	1,543.0 4.0	1,465.0	1,315.5 3.9			
Safflower	215.0		197.0			
Soybeans for Beans	74,496.0	76,657.0	72,718.0			
Sunflower	2,792.0	2,732.0	2,629.0			
Cotton, Tobacco & Sugar Crops						
Cotton, All	15,536.5	15,614.0	13,097.5			
Upland	15,365.0	15,394.0	12,927.0			
Amer-Pima	171.5	220.0	170.5			
Sugarbeets Sugarcane	1,564.2	1,432.5	1,378.1 1,037.0			
Tobacco			485.7	457.7		
Dry Beans, Peas & Lentils						
Austrian Winter Peas	5.2		4.1			
Dry Edible Beans	1,756.2	1,452.9	1,606.4			
Dry Edible Peas	188.0		179.0			
Lentils Wrinkled Seed Peas	217.0		214.0			
Potatoes & Misc. Coffee (HI)			6.8			
Ginger Root (HI)			0.3			
Hops			36.1			
Peppermint Oil			89.5			
Potatoes, All	1,387.3		1,351.6			
Winter	17.2	16.8	17.0	14.0		
Spring Summer	77.4 64.7		75.6 61.8			
Fall	1,228.0		1,197.2			
Spearmint Oil	1,220.0		21.7			
Sweet Potatoes	97.3	96.2	94.2			
Taro (HI) <sup>3</sup>			0.5			
1 Date are the latest estimates evailable either fr	41	<del></del>	Current weer actimates			

<sup>&</sup>lt;sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year. <sup>2</sup> Area planted for all purposes. <sup>3</sup> Area is total acres in crop, not harvested acreage.

## Crop Summary: Yield and Production, United States, 2000-2001 (Domestic Units) $^1$

(Domestic Units) <sup>1</sup>						
Char	T.T:4	Yie	eld	Production		
Crop	Unit	2000	2001	2000	2001	
				1,000	1,000	
Grains & Hay		c1 1		217.065		
Barley	Bu "	61.1		317,865		
Corn for Grain		137.1		9,968,358		
Corn for Silage	Ton	16.8		98,538		
Hay, All	"	2.54		152,183		
Alfalfa	"	3.48		80,347		
All Other		1.95		71,836		
Oats	Bu "	64.2		149,195		
Proso Millet		19.8		7,320		
Rice <sup>2</sup>	Cwt	6,281		190,872		
Rye	Bu	28.5		8,619		
Sorghum for Grain		60.9		470,070		
Sorghum for Silage	Ton	10.8		2,863		
Wheat, All	Bu "	41.9		2,223,440		
Winter	"	44.6		1,562,733		
Durum	"	30.7		109,805		
Other Spring		38.2		550,902		
Oilseeds						
Canola	Lb	1,337		2,016,951		
Cottonseed <sup>3</sup>	Ton			6,439		
Flaxseed	Bu	20.8		10,730		
Mustard Seed	Lb	852		36,570		
Peanuts	"	2,499		3,287,600		
Rapeseed	"	1,474		5,750		
Safflower	"	1,434		282,545		
Soybeans for Beans	Bu	38.1		2,769,665		
Sunflower	Lb	1,363		3,584,339		
Cotton, Tobacco & Sugar Crops						
Cotton, All <sup>2</sup>	Bale	631		17,219.5		
Upland <sup>2</sup>	"	625		16,822.0		
Amer-Pima <sup>2</sup>	"	1,119		397.5		
Sugarbeets	Ton	23.6		32,521		
Sugarcane	"	35.0		36,346		
Tobacco	Lb	2,264		1,099,884		
Dry Beans, Peas & Lentils						
Austrian Winter Peas <sup>2</sup>	Cwt	1,780		73		
Dry Edible Beans 2	"	1,646		26,440		
Dry Edible Peas <sup>2</sup>	"	1,955		3,499		
Lentils <sup>2</sup>	"	1,415		3,029		
Wrinkled Seed Peas	"	,		680		
Potatoes & Misc.						
Coffee (HI)	Lb	1,340		9,100		
Ginger Root (HI)	"	50,000		13,500		
Hops	"	1,871		67,577		
Peppermint Oil	"	77		6,926		
Potatoes, All	Cwt	382		515,964		
Winter	"	292	268	4,960	3,750	
Spring	"	290	230	21,921	3,730	
Summer	"	301		18,579		
Fall	"	393		470,504		
Spearmint Oil	Lb	101		2,199		
Sweet Potatoes	Cwt	145		13,613		
Taro (HI) <sup>3</sup>	Lb			7,000		
1.5						

<sup>&</sup>lt;sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year. <sup>2</sup> Yield in pounds. <sup>3</sup> Yield is not estimated.

### Crop Summary: Area Planted and Harvested, United States, 2000-01 ${\rm (Metric\ Units)}^{\,1}$

	(Metric Units) Area Pla	anted	Area Harvested		
Crop	2000	2001	2000 2001		
	Hectares	Hectares	Hectares	Hectares	
Grains & Hay					
Barley	2,365,010	2,153,360	2,104,790		
Corn for Grain <sup>2</sup>	32,191,070	31,036,890	29,433,910		
Corn for Silage			2,374,720		
Hay, All <sup>3</sup>			24,222,320	25,807,490	
Alfalfa			9,339,030		
All Other Oats	1,811,800	1,790,750	14,883,280 940,500	891,940	
Proso Millet	178,060	1,770,730	149,740	071,740	
Rice	1,238,350	1,250,490	1,229,850		
Rye	540,260	, ,	122,220		
Sorghum for Grain <sup>2</sup>	3,721,120	3,791,140	3,125,420		
Sorghum for Silage			107,240		
Wheat, All <sup>3</sup>	25,304,860	24,402,400	21,459,900		
Winter Durum	17,542,500 1,593,260	16,728,270 1,401,040	14,173,050		
Other Spring	6,169,090	6,273,100	1,445,550 5,841,300		
	0,107,070	0,273,100	3,841,300		
Oilseeds Canola	634,150	765,670	610,680		
Cottonseed	054,150	703,070	010,000		
Flaxseed	216,910		209,220		
Mustard Seed	18,620		17,360		
Peanuts	624,440	592,870	532,370		
Rapeseed	1,620		1,580		
Safflower Soybeans for Beans	87,010 30,147,790	31,022,320	79,720 29,428,250		
Sunflower	1,129,890	1,105,610	1,063,930		
Cotton, Tobacco & Sugar Crops					
Cotton, All <sup>3</sup>	6,287,470	6,318,830	5,300,430		
Upland	6,218,060	6,229,800	5,231,430		
Amer-Pima	69,400	89,030	69,000		
Sugarbeets	633,020	579,719	557,700		
Sugarcane Tobacco			419,660 196,570	185,210	
			170,370	165,210	
Dry Beans, Peas & Lentils Austrian Winter Peas	2,100		1.660		
Dry Edible Beans	710,720	587,970	1,660 650,090		
Dry Edible Peas	76,080	307,770	72,440		
Lentils	87,820		86,600		
Wrinkled Seed Peas					
Potatoes & Misc.					
Coffee (HI)			2,750		
Ginger Root (HI)			110		
Hops Peppermint Oil			14,620 36,220		
Potatoes, All <sup>3</sup>	561,430		546,980		
Winter	6,960	6,800	6,880	5,670	
Spring	31,320		30,590	,	
Summer	26,180		25,010		
Fall	496,960		484,490		
Spearmint Oil Sweet Potatoes	39,380	38,930	8,780 38,120		
Taro (HI) 4	37,380	30,730	190		
1 Data are the latest estimates available either	f 41			C 41 C-11	

<sup>&</sup>lt;sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year. <sup>2</sup> Area planted for all purposes. <sup>3</sup> Total may not add due to rounding. <sup>4</sup> Area is total hectares in crop, not harvested hectares.

### Crop Summary: Yield and Production, United States, 2000-2001 ${ m (Metric\ Units)}^1$

(Metric Units) <sup>1</sup>					
Corre	Yie	eld	Production		
Crop	2000	2001	2000	2001	
	Metric Tons	Metric Tons	Metric Tons	Metric Tons	
Grains & Hay					
Barley	3.29		6,920,690		
Corn for Grain	8.60		253,207,960		
Corn for Silage	37.64		89,392,170		
Hay, All <sup>2</sup>	5.70		138,058,100		
Alfalfa	7.80		72,889,570		
All Other	4.38		65,168,520		
Oats	2.30		2,165,560		
Proso Millet	1.11		166,010		
Rice	7.04		8,657,810		
Rye	1.79		218,930		
Sorghum for Grain	3.82		11,940,330		
Sorghum for Silage	24.22		2,597,270		
Wheat, All <sup>2</sup>	2.82		60,512,120		
Winter	3.00		42,530,620		
Durum	2.07		2,988,400		
Other Spring	2.57		14,993,100		
Oilseeds					
Canola	1.50		914,870		
Cottonseed <sup>3</sup>			5,841,000		
Flaxseed	1.30		272,550		
Mustard Seed	0.96		16,590		
Peanuts	2.80		1,491,230		
Rapeseed	1.65		2,610		
Safflower	1.61		128,160		
Soybeans for Beans	2.56		75,377,930		
Sunflower	1.53		1,625,830		
Cotton, Tobacco & Sugar Crops					
Cotton, All <sup>2</sup>	0.71		3,749,100		
Upland.	0.70		3,662,560		
Amer-Pima	1.25		86,550		
Sugarbeets	52.90		29,502,550		
Sugarcane Tobacco	78.57 2.54		32,972,540		
Tobacco	2.34		498,900		
Dry Beans, Peas & Lentils Austrian Winter Peas	2.00		2 210		
Dry Edible Beans	1.84		3,310 1,199,300		
Dry Edible Peas	2.19		1,199,300		
Lentils	1.59		137,390		
Wrinkled Seed Peas	1.57		30,840		
Potatoes & Misc.					
Coffee (HI)	1.50		4,130		
Ginger Root (HI)	56.04		6,120		
Hops	2.10		30,650		
Peppermint Oil	0.09		3,140		
Potatoes, All <sup>2</sup>	42.79		23,403,730		
Winter	32.70	30.02	224,980	170,100	
Spring	32.50		994,320	,	
Summer	33.70		842,730		
Fall	44.05		21,341,700		
Spearmint Oil	0.11		1,000		
Sweet Potatoes	16.20		617,480		
Taro (HI) <sup>3</sup>			3,180		
Data are the latest estimates available, either from the	e current report or fro	m nrevious renorts	Current year estimates	are for the full	

<sup>&</sup>lt;sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year. <sup>2</sup> Production may not add due to rounding. <sup>3</sup> Yield is not estimated.

#### **Winter Agricultural Summary**

Numerous winter storms replenished soil moisture supplies in most of last summer's drought-stricken Great Plains and western Corn Belt. Fieldwork was delayed in parts of the southern Great Plains and interior Mississippi Delta, as soils remained nearly saturated through most of the winter. Some streams and low-lying areas in eastern Texas and parts of Arkansas, Mississippi, Oklahoma, and Tennessee were flooded by excessive February rainfall. Along the Gulf Coast and Atlantic Coastal Plains, moisture reserves steadily diminished until March, when significant precipitation eased shortages. However, drought conditions persisted all winter across a large portion of Florida. Periods of sub-freezing temperatures threatened the unharvested Florida citrus crop in late December and early January. Across the northern Great Plains, below-normal snowfall limited the winter wheat crop's protection from abnormally cold weather. Also, strong winds drifted snow and left some wheat fields exposed or poorly protected. Cold weather limited growth of winter grains and forage crops in the southern Great Plains and Southeast. In California, early-winter moisture and snow pack deficits were erased by mid- and late-winter storm systems.

In Texas, cold, wet, weather hampered fieldwork and hindered growth of small grains during January, especially on the Plains and eastern areas of the State. Wheat fields were dormant across the north Texas Plains during most of January, but oat fields in southern Texas began heading after mid-month. Vegetable and citrus harvests remained active in southern Texas during January, although cold, wet, weather slowed crop development and harvest progress early in the month. Grazing on winter forage crops was limited by slow growth and muddy fields. In February, fieldwork was aided by predominantly dry weather in southern Texas. Corn, cotton, and sorghum planting began in the Coastal Bend, Lower Valley, and South Texas regions. Adequate moisture and warm weather promoted germination and growth of early-planted fields. Fieldwork and planting continued in southern and coastal areas during March, but the pace was hampered by frequent rains. Fruit and nut trees began blooming in late February and by the beginning of Spring, some peach trees in southern Texas were setting fruit.

Cool weather and moisture shortages hindered growth of California's winter crops during most of January, although precipitation and above-normal temperatures aided emergence and briefly accelerated growth near mid--month. Growers irrigated some crops to aid development. Most alfalfa fields were dormant in January due to cold weather and cutting ceased. New alfalfa fields were prepared, irrigated, and seeded. Winter wheat, oat, and barley fields were planted and fertilized. Growers harvested citrus fruit, pruned trees and vines, and applied dormant sprays. Some orchards were irrigated due to moisture shortages. In February, wet weather frequently delayed fieldwork, including tillage, orchard and vineyard activities, and fertilizer and pesticide applications. Precipitation provided beneficial moisture for development of dryland crops, but growth of small grains was hindered by below-normal temperatures. By the end of February, some early peach, nectarine, and plum varieties were developing bloom buds, but most of California's orchards and vineyards remained dormant due to cool weather. As Spring approached, warm weather stimulated crop growth and dry conditions aided fieldwork. Sugarbeets responded to above-normal temperatures with vigorous growth. Irrigated wheat, oat, and barley fields also benefited from the warm weather. A few wheat fields entered the heading stage. Warm, sunny weather accelerated growth and pollination in orchards and vineyards during March, with most fruit and nut trees in full bloom and early varieties setting fruit by the end of the month. Buds began swelling in vineyards and petals were falling from almond trees.

In Florida, topsoil moisture was very short across much of the State, but moisture supplies were mostly adequate to sustain development of small grains and cool season forages in the Panhandle. In the peninsula, winter grazing of small grains was limited, as drought virtually halted vegetative growth. Orchard caretakers operated irrigation systems to keep trees in good condition. The northern Florida citrus-producing counties experienced freezing temperatures shortly after mid-December and another cold front brought freezing temperatures into central Florida in late December and early January. Overall, freeze damage to fruit was limited, but some new vegetative growth was lost. Vegetable producers ran irrigation equipment to prevent damage to crops. Citrus development gradually accelerated during February due to steadily rising temperatures. Trees in well-maintained groves produced new growth and bloom buds, especially after mid-February. Citrus, sugarcane, and vegetable harvests progressed with few rain delays. Much-needed rain arrived in Florida's citrus region after mid-March, but moisture shortages remained across most of the peninsula. At the beginning of Spring, the citrus bloom was in all stages. Some trees lost leaves and a portion of their bloom due to moisture shortages.

Corn for grain: Growers intend to plant 76.7 million acres of corn for all purposes in 2001, down 4 percent from 2000 and down 1 percent from 1999. Expected acreage is down in almost all areas of the United States. Plantings are down throughout the Corn Belt due mostly to the high cost of inputs and low price prospects. Farmers intentions shifted away from corn in Texas and Louisiana as planting was hampered by frequent rains during the spring. Dry soils and lack of water reserves in the Southeast reduced intended corn plantings. The only region where farmers intend to plant more corn is in the Northeast where cool wet weather last spring prevented many corn acres from being planted.

Numerous winter storms replenished soil moisture supplies in most of last summer's drought-stricken Great Plains and western Corn Belt. Fieldwork was delayed in parts of the southern Great Plains and interior Mississippi Delta, as soils remained nearly saturated through most of the winter.

Farmers intend to plant 24 percent of their acreage with varieties developed using biotechnology, down 1 percentage point from 2000. If these intentions are realized, 16 percent of the acreage will be planted with varieties containing *bacillus thuringiensis* (Bt), down from 18 percent in 2000. Seven percent of the acreage will be planted with herbicide resistant varieties developed using biotechnology if intentions are realized, up 1 point from 2000. Stacked gene varieties, those containing both insect and herbicide resistance from biotechnology, will be planted on 1 percent of the acreage, equal to the percent of all planted acres in 2000.

**Sorghum:** The 2001 sorghum acreage planted for all purposes is estimated at 9.37 million acres. This is up 2 percent from 2000 and represents the first increase since 1996. Sorghum acreage is expected to increase in 11 States and decrease in 6 States. Most Plains States reported increases, with Kansas and Nebraska reporting acreage up 100,000 acres and 50,000 acres, respectively. Texas expects a reduction of 100,000 acres.

**Oats:** Acres seeded and to be seeded by U.S. farmers for the 2001 crop year is expected to total 4.43 million acres, down 52,000 acres from last year's final planted acres. Growers expect to harvest 2.2 million acres for grain, 120,000 acres less than the final 2000 harvested acreage. If intentions are realized, planted and harvested acres would be the lowest on record, breaking the previous record lows set last year. Lower acreage intentions in the Corn Belt, Northeast, and the Carolinas will more than offset acreage increases in the western States. In Nebraska and Texas, acres harvested for grain are expected to rebound from last year's drought reduced levels.

**Winter Wheat:** Planted area for the 2001 crop is 41.3 million acres, down 5 percent from 2000. This is the lowest acres seeded to winter wheat since 1971. Of the total, about 29.1 million acres are Hard Red Winter, 8.8 million acres Soft Red Winter, and 3.4 million acres White Winter.

**Durum Wheat:** Area seeded to Durum wheat is expected to total 3.46 million acres, down 12 percent from 2000. Poor growing and harvest conditions during the last several seasons have contributed to the sharp decline in North Dakota. Seeding in the San Joaquin and Imperial Valleys of California progressed rapidly during January and February. Most of the San Joaquin Valley acreage was planted prior to January. Planting began in the Imperial Valley in late November and continued into March.

**Other Spring Wheat:** Growers intend to plant 15.5 million acres this year, up 2 percent from 2000. Of the total, about 14.6 million acres are Hard Red Spring wheat. The largest acreage increases are expected in Idaho, Minnesota, North Dakota, and Washington. Growers in Montana, Oregon, and South Dakota intend to plant fewer acres than a year ago.

**Barley:** Growers intend to seed 5.32 million acres in 2001, down 9 percent from the 5.84 million acres seeded in 2000. North Dakota, with 1.60 million acres, is down 16 percent from last year and Montana is down 4 percent from a year ago. Of the 27 barley producing States only 5 plan to increase acreage.

**Soybeans:** Soybean producers intend to plant 76.7 million acres in 2001, up 3 percent from last year. If realized, this will be the largest planted area for soybeans on record. Of the 31 soybean producing States, producers in 22 States intend to plant more acres this year, while producers in 8 States intend to plant fewer acres than in 2000. Oklahoma is expecting no change from the previous year.

Of the eight major producing States, the largest intended increases in planted acres for 2001 are in Minnesota and Iowa, both up 300,000 acres from 2000. Growers in Indiana, Illinois, Missouri, Nebraska, and Ohio also intend to plant more acres in 2001, while Arkansas growers expect to plant fewer acres. Growers across the South and Atlantic states show a decline in planted acres for 2001.

Producers intend to plant 63 percent of the soybean acreage to herbicide resistant varieties in 2001.

**Rice**: Growers intend to plant 3.09 million acres, 1 percent above last year. Of the 6 rice producing States, 4 intend to plant more rice acres in 2001. Arkansas and California farmers intend to plant fewer acres. Long grain acreage intentions, representing 77 percent of the total, are up 8 percent from last year. Short grain acreage increased 3 percent, while the intended area planted to medium grain varieties is down 18 percent from a year ago.

**Sunflowers:** Growers are expected to plant a total of 2.73 million acres in 2001, down 2 percent from last year. Acres intended for oil type varieties, at 2.11 million acres, are down 5 percent from 2000, while non-oil varieties estimated at 623,000 acres are up 9 percent from last year.

North Dakota growers intend to plant 1.20 million acres in 2001, down 10 percent from 2000. Growers in South Dakota also intend to plant fewer acres. Acreage increases are expected in Colorado, Kansas, Minnesota, Nebraska, and Texas.

**Canola:** Producers intend to plant 1.89 million acres in 2001, an increase of 21 percent from 2000. Producers in North Dakota and Minnesota intend to plant 1.6 million and 135,000 acres, respectively.

**Sweet Potatoes:** U. S. growers intend to plant 96,200 acres of sweet potatoes this year, down 1 percent from last year but 3 percent more than 1999. Reductions in Alabama, California, New Jersey, and Texas more than offset increases in Mississippi and South Carolina. Acreage is expected to be unchanged in Georgia, Louisiana, North Carolina, and Virginia.

California acreage is off 5 percent from last year and 8 percent below two years ago. Growers have prepared slip hotbeds for transplanting in April and May. Acreage in Texas is expected to be 27 percent below 2000 and 29 percent less than 2 years ago. Field work is lagging where soils are wet because of recent rains. Acreage in Alabama is expected to be 12 percent below both 2000 and 1999. Growers in north Alabama are maintaining the same planting expectations as last year, while south Alabama's producers are cutting back acreage because of extremely dry conditions last year. Planting expectations in Mississippi are up 10 percent from last year. Louisiana and Georgia planting levels remain unchanged from a year ago.

Planted acreage will likely be about the same as last year along the Atlantic Coast. New Jersey planting intentions are down 17 percent but unchanged from two years ago. South Carolina growers plan a 25 percent acreage increase. North Carolina and Virginia growers expect to see their 2001 acreage go unchanged from a year ago. Many farmers have planted their seed beds. The remainder are preparing their seed beds for April transplanting.

**Peanuts**: Producers intend to plant 1.47 million acres of peanuts in 2001, down 5 percent from last year. Of the nine producing States four intend to plant fewer acres in 2001, four will show no change, and one intends to increase peanut acreage.

Southeast growers (Alabama, Florida, Georgia, and South Carolina) intend to plant 782,000 acres, down 2 percent from a year ago. In the Virginia - North Carolina region, producers intend to plant 199,000 acres, unchanged from last year. Growers in the Southwest (New Mexico, Oklahoma, and Texas) intend to plant 484,000 acres, 11 percent below 2000.

**Dry Beans:** Area planted to dry beans for the 2001 crop year is expected to total 1.45 million acres, down 17 percent from last year and 28 percent below 1999. This is the lowest U.S. acreage since 1983, when 1.18 million acres were planted. Only three of the seventeen dry bean producing States, Montana, New York, and Utah intend to plant more acres of dry beans in 2001.

Producers in North Dakota intend to plant 500,000 acres, down 18 percent from 2000 and 21 percent below 1999. If realized, this would be the lowest acreage for North Dakota since 1992 when 440,000 acres were planted. Low prices and the concern of expected increased Canada production have impacted many North Dakota producers with their planting decisions this March. Michigan growers are expected to plant 200,000 acres, 30 percent below last year and down 43 percent from 1999. Low prices and high carryover stocks are the main reasons for Michigan's record low planted acres. Expected planted acreage in Nebraska, at 140,000, is down 15 percent from 2000 and 33 percent below two years ago. If realized, this would be the lowest acreage for Nebraska since 1979 when planted acres were the same at 140,000. Growers in Minnesota are expected to plant 120,000 acres in 2001, 27 percent below last year and 41 percent below two years ago. If realized, this would be the lowest acreage for Minnesota since 1993 when 110,000 acres were planted. California growers are expected to plant a record low 100,000 acres, 13 percent below last year and down 26 percent from 1999. Growers in California are cutting back on dry bean acres due to uncertain water availability and low prices. Planted acreage in Colorado, at 90,000, is down 25 percent from 2000 and 42 percent below two years ago. If realized, this would be the lowest acreage for Colorado since 1921 when 52,000 acres were planted. Area planted in Idaho is expected to be 90,000 acres, unchanged from last year but down 14 percent from 1999. These seven states, North Dakota, Michigan, Nebraska, Minnesota, California, Colorado, and Idaho account for 85 percent of total planted acres.

Planted acres in Montana, New York, and Utah are expected to increase 23 percent, 20 percent, and 19 percent, respectively, from 2000. Acres planted in South Dakota and Texas are expected to be the same as last year, whereas acres planted in Kansas, Oregon, Washington, Wisconsin, and Wyoming are expected to be down from 2000.

**Hay:** Producers expect to harvest 63.8 million acres of hay in 2001, up 7 percent from the 59.9 million acres harvested in 2000.

Increases are intended in 26 States across the nation. The greatest increase in acreage is planned in the Great Plains States where 2000 acreage was down due to dry conditions. Producers in Texas and Montana intend to increase harvested hay acreage by 1.78 million acres and 500,000 acres, respectively. Sixteen States report no expected changes in acreage.

**Cotton:** Area planted to all cotton for 2001 is expected to total 15.6 million acres, up less than 1 percent from last year. If intentions are realized this would be the largest acreage since 1995 and the second largest since 1962. Upland cotton acreage is expected to total 15.4 million acres, 29,000 acres above 2000. Growers intend to plant 220,000 acres of American-Pima cotton, up 28 percent from last year. Low cotton prices and high energy costs have limited any significant increase in planting intentions.

Producers in the Southeastern States (Alabama, Florida, Georgia, North Carolina, South Carolina, and Virginia) intend to plant 3.69 million acres of upland cotton. This is an increase of 4 percent from 1999. North Carolina intends to increase acreage 13 percent over last year, surpassing one million cotton acres for the first time since 1937. Alabama and South Carolina are also showing increases from 2000, while Florida and Virginia are intending to plant slightly less cotton than last year. Georgia producers intend to plant the same amount of cotton as in 2000.

Upland growers in the Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) intend to plant 4.35 million acres, a 10 percent increase from 2000. Arkansas, Louisiana, Mississippi, and Tennessee intend to increase cotton acreage in 2001, while producers in Missouri intend to hold cotton acreage at the same level as the previous year.

Producers in Texas, Oklahoma, Kansas and New Mexico intend to plant 6.42 million acres of upland cotton, a 6 percent decrease from 2000. High irrigation and fertilizer costs, coupled with low cotton prices have caused uncertainty among producers when deciding this years planting intentions.

Upland planted acreage in California and Arizona is estimated at 940,000 acres, 11 percent below last year. California producers intend to plant 660,000 acres, a 15 percent decrease from 2000. Questionable water supplies, high energy costs, and low upland cotton prices have reduced expectations for this year.

American-Pima acreage intentions are reported at 220,000 acres, an increase of 48,500 acres from last year. Arizona, California, and New Mexico all intend to increase the amount of acreage planted to American-Pima. Texas producers intend to plant the same amount of American-Pima cotton as in 2000.

**Tobacco:** U.S. all tobacco area for harvest in 2001 is forecast at 457,670 acres, down 6 percent from the 2000 crop. If realized, this will be the lowest All-Tobacco acreage level since 1874. Expected acres for harvest were down for Flue-cured, Fire-cured, Light Air-cured, Dark Air-cured and Cigar Filler. Cigar Wrapper and Cigar Binder are up from last season.

Flue-cured tobacco, at 245,500 acres, is 2 percent below a year ago. Flue-cured acreage, which accounts for 54 percent of this year's total tobacco acreage, is expected to hit its lowest level in recorded history. Acreage in North Carolina, the leading State, is unchanged from last year.

Light Air-cured tobacco types are down 10 percent from last year. Burley tobacco, at 182,500 acres, is down 8 percent from a year ago. Acreage in Kentucky, North Carolina, Tennessee, and Virginia is expected to decrease from a year ago. Indiana, Ohio, and West Virginia remained unchanged from the 2000 season. Missouri expects an increase in acres from last year. Southern Maryland type tobacco acres are estimated at 3,500 acres, down 60 percent from last year. Maryland and Pennsylvania growers expect to decrease their harvested acreage by 57 and 67 percent, respectively. Southern Maryland type acres decreased due to a combination of low prices and the Maryland tobacco buyout program.

Fire-cured tobacco, at 14,100 acres, is 19 percent below the 2000 acreage. Expected acres harvested for Kentucky and Tennessee, the leading States, are down 22 and 20 percent, respectively. Virginia acreage is unchanged from last year.

Dark Air-cured tobacco types, at 5,020 acres, are 10 percent below last year's harvested acres. One Sucker type tobacco is down 10 percent and Green River type tobacco is 12 percent lower. Sun-cured is expected to be the same as last year.

All Cigar types, at 7,050 acres, is up 26 percent from last year. Acreage of Pennsylvania Seedleaf, at 1,900 acres, is down 21 percent. Connecticut and Massachusetts Broadleaf tobacco, at 2,300 acres, is up more than twice last year's disease affected crop. Connecticut and Massachusetts Shade-grown tobacco, at 1,400 acres, is up 4 percent from last year. Wisconsin Binder tobacco, at 1,450 acres, is up 51 percent.

**Sugarbeets:** Area planted to sugarbeets for the 2001 crop year is expected to total 1.43 million acres, 8 percent below the 2000 planted acres. If intentions are realized, acreage will decrease in most of the sugarbeet producing States, especially in California, where acreage will be less than half of last year's level due to plant closures. Acreage is expected to increase slightly in Washington and remain unchanged in North Dakota.

#### Reliability of Acreage Data in this Report

**Survey Procedures:** The acreage estimates in this report are based primarily on surveys conducted the first 2 weeks of March. The March Agricultural Survey is a probability survey that includes about 69,000 operators selected from a list of producers that ensures all operations in the U.S. have a chance to be selected. These operators were contacted by mail, telephone, or personal interviews to obtain information on crop acreage planned for the 2001 crop year.

Three basic survey indications are calculated from the March Agricultural Survey. One is called the direct expansion of the reported survey data. The reported acreage for each farm in the sample is multiplied times its chance of being included in the survey. The largest farms are selected with certainty, so their data are multiplied by 1.0. The smallest farms are selected with rates of 1 out of approximately 100. Their data are therefore multiplied by approximately 100.0. The second is a ratio of acreage reported by operators on the March survey to acreage reported by the same operators in 2000 surveys. This provides a measure of change between 2000 and 2001. The direct expansion for the March survey is divided by the direct expansion from the 2000 survey to obtain an additional measure of change. This third estimate utilizes data from all operators reporting on either survey.

**Estimating Procedures:** National, Regional, State, and grower reported data were reviewed for reasonableness and consistency with historical estimates. Each State Statistical Office submits their analysis of the current situation to the Agricultural Statistics Board (ASB). Survey data are compiled to the National level and are reviewed at this level independently of each State's review. Acreage estimates were based on survey estimates and the historical relationship of official estimates to survey estimates.

**Revision Policy:** Acreage estimates in the "**Prospective Plantings**" report will not be revised. These estimates are intended to reflect grower intentions as of the survey period. New acreage estimates will be made based on surveys conducted in June when crop acreage have been established or planting intentions are firm. These new estimates will be published in the "**Acreage**" release scheduled for June 29, 2001. Winter wheat is an exception. Since winter wheat acreage were seeded prior to the March survey, and changes in estimates in this report are considered revisions. The estimate of the harvested acreage of winter wheat will be published on May 10, 2001, along with the first production forecast of the crop year. The winter wheat planted and harvested acreage is subject to revisions in the "**Acreage**" report.

**Reliability**: The survey used to make acreage estimates is subject to sampling and non-sampling type errors that are common to all surveys. Both types of errors for major crops generally are between 1.0 and 3.0 percent. Sampling errors represent the variability between estimates that would result if many different samples were surveyed at the same time. Sampling errors cannot be applied directly to the acreage published in this report to determine confidence intervals since the official estimates represent a composite of information from more than a single source.

Non-sampling errors cannot be measured directly. They may occur due to incorrect reporting and/or recording, data omissions or duplications, and errors in processing. To minimize non-sampling errors, vigorous quality controls are used in the data collection process and all data are carefully reviewed for consistency and reasonableness.

A method of evaluating the reliability of acreage estimates in this report is the "Root Mean Square Error," a statistical measure based on past performances shown below for selected crops. This is computed by expressing the deviations between the planted acreage estimates and the final estimates as a percent of the final estimates and averaging the squared percentage deviations for the 1981-2000 20-year period; the square root of this average becomes statistically the "Root Mean Square Error". Probability statements can be made concerning expected differences in the current estimates relative to the final estimates assuming that factors affecting this year's estimate are not different than those influencing the past 20 years.

For example, the "Root Mean Square Error" for the corn planted estimate is 2.2 percent. This means that chances are 2 out of 3 that the current acreage estimate of 76.7 million acres will not be above or below the final estimate by more than 2.2 percent or approximately 1.69 million acres. Chances are 9 out of 10 (90 percent confidence level) that difference will not exceed 3.8 percent or approximately 2.91 million acres.

Also, shown in the table is a 20-year record for selected crops of the difference between the **"Prospective Plantings"** planted acres estimates and the final estimates. Using corn again as an example, changes between the intentions estimates and the final estimates during the past 20 years have averaged 1.29 million acres ranging from 120,000 acres to 3.84 million acres. The prospective plantings estimates have been below the final estimate 7 times and above 13 times. This does not imply that the planted estimate this year is likely to understate or overstate the final estimate.

### Reliability of Prospective Plantings Planted Acreage Estimates

Crop	Root Mean	90 Percent Confidence Interval	20-Year Record of Differences Between Forecast and Final Estimate				
	Square Error Percent		Thousand Acres Quantity			Number of Years	
			Average	Smallest	Largest	Below Final	Above Final
			Thousands	Thousands	Thousands	Number	Number
Corn	2.2	3.8	1,288	120	3,844	7	13
Sorghum	7.8	13.4	741	76	2,471	11	9
Oats	6.9	12.0	677	59	2,429	5	15
Barley	5.2	9.0	400	80	1,369	7	13
Spring Wheat	7.6	13.1	958	12	2,543	11	9
Soybeans	2.8	4.8	1,361	0	5,046	13	6
Upland Cotton	5.6	9.7	437	6	1,354	9	11

### **Information Contacts**

Listed below are the commodity specialists in the Crops Branch of the National Agricultural Statistics Service to contact for additional information.

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Herman Ellison - Soybeans, Minor Oilseeds	(202) 720-7369
Lance Honig - Wheat, Rye	(202) 720-8068
Jay V. Johnson - Cotton, Cotton Ginnings	(202) 720-5944
Roy Karkosh - Hay, Sorghum, Barley	(202) 690-3234
Mark E. Miller - Oats, Sugar Crops,	(202) 720 7621
Weekly Crop Weather	(202) 720-7621
Mark R. Miller - Peanuts, Rice	(202) 720-7688
Fruit, Vegetable & Special Crops Section	
Jim Smith, Head	(202) 720-2127
Arvin Budge - Potatoes, Sweet Potatoes	(202) 720-4285
Dave DeWalt - Citrus, Tropical Fruits	(202) 720-5412
Debbie Flippin - Fresh and Processing	
Vegetables	(202) 720-3250
Steve Gunn - Apples, Cherries, Cranberries,	
Prunes, Plums	(202) 720-4288
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