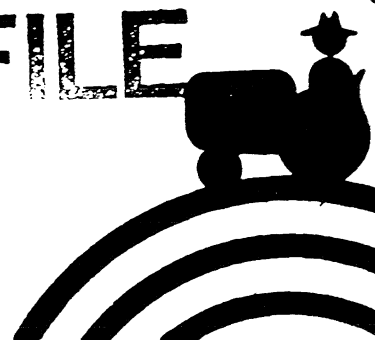


# AGRICULTURAL SUPPLY & DEMAND ESTIMATES

FILE



Approved by the World Food and Agricultural Outlook and Situation Board • USDA

#105

## HIGHLIGHTS

August 12, 1980

Prospective U.S. grain, oilseed, and cotton supplies have tightened significantly over the past month and prices have risen sharply. Persistent hot, dry weather in July hurt production prospects for spring-planted crops, especially in portions of the Great Plains, the Corn Belt and the Southeast. During late July and early August, precipitation and cooler temperatures brought temporary relief to some areas as frontal systems began moving through the Great Plains and Corn Belt States to the Atlantic Coast. Moisture still is in short supply in the central and southeastern United States, with the outturn for spring-planted crops dependent upon the temperature and precipitation patterns over the balance of the growing season.

Total grain production in 1980/81 as of August 1 was indicated at around 267 million metric tons, down around 7 percent from the July estimate and 11 percent below 1979/80 when very favorable growing conditions resulted in record yields.

Production of food grains is above a year ago due to the large winter wheat crop, but reduced yields are cutting feed grain production. Indicated 1980/81 oilseed production of around 60 million tons would be down around 18 percent from a year ago, reflecting reduced acreage and lower yields. In spite of increased acreage, the cotton crop is down about 12 percent due to adverse growing conditions, particularly in Texas.

Supplies of grains and oilseeds will not decline as much as production in 1980/81 due to large carryin stocks. Still, with a continued high level of total use during 1980/81, stocks will be drawn down substantially. Season-ending feed grain stocks in relation to use likely will be well below the average of the past 5 years. Cotton disappearance is expected to decline, although supplies will remain tight relative to use.

### Corn and Sorghum Crop Prospects Deteriorate; Prices to Strengthen

The 1980 corn crop, based on conditions as of August 1, is forecast at 6.65 billion bushels, 9 percent below the July 1 forecast, and 14 percent below 1979/80. The corn yield of 93 bushels per acre is 16 bushels lower than last year's record, and the lowest since 1977. The sorghum production forecast of 553 million bushels is down nearly a third from 1979/80 and the smallest production since 1964. Total feed grain production for 1980 of 197 million tons is 16 percent below 1979. With large carryin stocks, feed grain supplies are projected at 250 million tons, down more than a tenth from 1979/80.

Tighter feed grain supplies and sharply higher prices have caused a reduction from earliler estimates for both domestic use and exports for 1980/81. Feed grain exports are now projected at 71 millilon tons, the same as for 1979/80, but 3 million below last month's forecast. Corn exports are expected to total 2.5 billion bushels, a 100-million-reduction from the July forecast. Domestic usage of feed grains will likely fall for the first time in 4 years, mainly reflecting narrower feeding margins and smaller available supplies. For 1980/81, domestic usage is projected at 148 million tons, 7 million below 1979/80 and 8 million below last month's forecast.

Carryover stocks of feed grains for 1980/81 are projected at 31 million tons, more than 40 percent below the year-earlier level, and a fifth below the July forecast. The expected 22-million-ton reduction in feed grain stocks would be the largest ever year-to-year decline in stocks. Corn carryover is expected to decline around 700 million bushels from the 1.7 billion of 1979/80.

The poorer crop prospects, and a sharp drawdown in stocks point to a sharp increase in feed grain prices for 1980/81. Higher release and call prices for reserve grain also will tend to boost prices. Corn prices at the farm for the 1980/81 season are expected to average from \$2.90 to \$3.40 per bushel compared with a range of \$2.45 to \$2.85 last month, and \$2.50 per bushel for 1979/80.

### Wheat Production Little Changed; Price Forecast Increased

The August 1 forecast of total wheat production of 2.32 billion bushels is virtually unchanged from July, but 9 percent more than in 1979. Since last month, increases in the estimates of winter wheat and durum production have been partially offset by a reduction in the estimate of other spring wheat production.

The wheat export projection for 1980/81 is unchanged from a month earlier, but the feed use estimate was increased from 100 to 125 million bushels, reflecting tight sorghum supplies. Total use of wheat will likely fall about 50 million bushels short of production, pushing stocks to around 950 million bushels by the end of the 1980/81 season.

The wheat price forecast for 1980/81 has been raised from last month based on the increase in the wheat loan rate, reserve release, call prices, and the general strengthening in commodity prices as a

result of deteriorating crop prospects. Farm prices of wheat are now projected to range from \$3.90 to \$4.25 per bushel. This compares with the previous estimate of \$3.75 to \$4.25 and 1979/80 price of \$3.82.

#### Record Rice Production Forecast; Use to Expand

U.S. rice production for 1980 is forecast at a record 146 million cwt., 7 percent above 1979. Harvested acreage is up 12 percent from last year, more than offsetting an expected 4 percent decline in yield. Total supplies are projected at 178 million cwt., up 6 percent from 1979/80.

Domestic use of rice in 1980/81 is expected to continue to trend upward by about 5 percent reaching 53 million cwt. U.S. rice exports are projected to total a record 87 million cwt. as world rice trade will likely remain at near record levels. Growing import requirements in a number of African countries, and the likelihood of continued large purchases by South Korea are the main reasons for an expected 4 million cwt. increase in U.S. exports in 1980/81.

Although total use of U.S. rice is forecast to be up nearly 7 million cwt. in 1980/81, it still will likely fall short of production suggesting a modest buildup in stocks. With the marketing season just beginning, prices could range from \$9.50 to \$12 per cwt. for 1980/81 compared with \$10.60 in 1979/80.

The 1979/80 ending stocks estimate has been revised from 34.8 to 31.8 million cwt. The difference of 3 million cwt. is projected as the statistical discrepancy for the year. This projection is based on an analysis of historical relationships. The 3 million cwt. discrepancy also projected for 1980/81.

#### Soybean Output Down Sharply From 1979/80

As of August 1, 1980/81 soybean output was estimated at 51.2 million metric tons, near the low end of the range of expectations indicated in early July, and down 17 percent from the record 1979/80 crop. Hot, dry weather during July, particularly in the south Central and Central Plains States and in Missouri led to sharply reduced yield prospects and some decline in acreage expected to be harvested. The risk of some further deterioration in yields remains high since subsoil moisture has been drawn down to critical levels in many soybean growing areas.

The reduction in U.S. soybean output prospects since July, as well as those for other oilseed crops, has been a primary factor in the recent strengthening of prices for soybeans and soybean products. Soybean prices at the producer level averaged \$256 per metric ton (\$6.97 per bushel) in July, up sharply from the \$207 per ton average (\$5.63 per

bushel) in April 1980. Prices are expected to strengthen further in 1980/81 with the final U.S. and world crop still very much in doubt. Season average prices could average anywhere between \$239-\$331 per ton (\$6.50-\$9.00 per bushel) with August 1 conditions suggesting around \$285 per ton (\$7.75 per bushel), up nearly \$60 per ton (\$1.50 per bushel) from 1979/80 average levels.

The substantially larger U.S. and world carryin stocks of soybeans and other oilseeds coupled with some slowing in the demand for soybean products, particularly in the United States, will temper price increases in the new season. Stocks of all oilseeds this fall in the major producer-exporter countries are expected to be record high, up by 11 million tons or about double last year's stock levels. This will likely offset the substantial drop in U.S. and world oilseed production and still provide for a possible record high total oilseed supply in 1980/81.

Domestic demand and usage of protein meal has slowed significantly during the May to July period, and the slowdown is expected to persist into 1980/81. A slowing in pork and poultry output along with a sharp reduction in real economic growth in the United States are the major contributing factors to a slowdown in demand for soybean products. Recent higher prices also are slowing usage in 1979/80. Soybean crush is expected to slow with stocks likely to reach 11 million tons or 400 million bushels on September 1, 1980.

#### Tight Cotton Supply-Demand Balance

An extremely tight supply-demand balance is shaping up for cotton during 1980/81. Prospective supplies are down sharply from last season, reflecting lower beginning stocks and a smaller crop. Expected disappearance also is down this season as both U.S. mill use and export demand will likely slip below 1979/80 levels. So, with anticipated disappearance of around 13 million bales--about in line with the 1980 crop--the carryover at the end of this season is expected to remain close to beginning stocks of 2.8 million.

The 1980 crop is placed at 12.8 million bales, based on August 1 conditions, down from 14.6 million last year. Although harvested acreage is up 3 percent, hot, dry conditions in the Southwest and parts of the Delta and Southeast have cut yield prospects sharply from last season's record-high level. Continued adverse weather could result in further deterioration.

On the demand side, sluggish economic and textile activity around the world, coupled with prospects for larger foreign production, will lead to smaller U.S. cotton disappearance in 1980/81. Domestic use may total around the 6-million-bale level, about 0.5 million below a year earlier. Although U.S. cotton exports also will fall considerably below last season's 9.4 million bales, shipments during 1980/81 still are estimated at around 6.8 million, 17 percent above the 1975-79 average.

Cotton prices have increased sharply over the past year, primarily reflecting exceedingly strong export demand during the latter half of 1979/80. More recently, tight supplies have added further support to the market.

GRAINS—UNITED STATES

*****					
Item	: Wheat	: Rice	: Corn	: Feed	: Total
	:	:(Rough):	:	:grains1/	:grains2/
*****					
	: Million metric tons				:
1978/79	:	:	:	:	:
Beginning stocks	: 32.0	1.2	28.0	41.2	74.5
Production	: 48.9	6.0	180.0	217.4	273.0
Supply, total 3/	: 81.0	7.3	208.1	258.9	348.0
	:	:	:	:	:
Feed and residual	: 4.9	---	106.6	133.1	138.2
Food & other use	: 18.4	2.2	14.6	19.7	40.6
Exports	: 32.5	3.5	54.2	60.2	96.2
Use, total	: 55.8	5.7	175.4	213.0	275.0
Ending stocks	: 25.2	1.5	32.7	45.9	72.8
Average farm price 4/	: 109	180	89	---	---
	:	:	:	:	:
1979/80 (estimated)	:	:	:	:	:
Beginning stocks	: 25.2	1.5	32.7	45.9	72.8
Production	: 58.3	6.2	197.2	233.9	299.0
Supply, total 3/	: 83.5	7.7	229.9	280.0	372.1
	:	:	:	:	:
Feed and residual	: 2.6	---	109.9	134.8	137.6
Food & other use	: 19.0	2.3	15.8	20.9	42.5
Exports	: 37.4	3.8	61.0	70.9	112.2
Use, total	: 59.0	6.1	186.7	226.6	292.3
Ending stocks	: 24.5	1.4	43.2	53.4	79.8
Average farm price 4/	: 140	234	98	---	---
	:	:	:	:	:
1980/81 (projected)	:	:	:	:	:
Beginning stocks	: 24.5	1.4	43.2	53.4	79.8
Production	: 63.3	6.6	168.8	196.7	266.8
Supply, total 3/	: 87.9	8.0	212.0	250.3	346.6
	:	:	:	:	:
Feed use	: 3.4	---	105.4	125.2	128.8
Food & other use	: 19.2	2.4	18.2	23.2	45.1
Exports	: 39.5	3.9	63.5	71.0	114.6
Use, total	: 62.1	6.3	187.1	219.4	288.5
Ending stocks	: 25.8	1.6	24.9	30.9	58.1
Average farm price 4/	: 143-156	209-254	114-134	---	---

\*\*\*\*\*  
1/ Including corn. 2/ Includes rye. 3/ Including imports.  
4/ Dollars per metric ton.

GRAIN CARRYOVER STOCKS, FARMER-OWNED RESERVE,  
CCC INVENTORY, AND PRICES 1/

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*****
Crop          :           : Estimated : Projected
              : 1978/79 : 1979/80 : 1980/81
*****
              :           :           :           :
              :           :           :           : Million metric tons
WHEAT
Ending stocks, total : 25.2      24.5      25.8
  Farmer-owned reserve: 10.7       6.8       7.3
  CCC inventory       : 1.4       5.4       5.2
  Free stocks        : 13.1      12.3      13.3
Average farm price 2/ : 109       140       143-156
:
CORN
Ending stocks, total : 32.7      43.2      24.9
  Farmer-owned reserve: 13.7      21.6       3.8
  CCC inventory       : 2.5       6.6       6.6
  Free stocks        : 16.5      15.0      14.5
Average farm price 2/ : 89        98        114-134
:
TOTAL FEED GRAINS
Ending stocks, total : 45.9      53.4      30.9
  Farmer-owned reserve: 16.4      23.5       4.1
  CCC inventory       : 3.8       7.8       7.8
  Free stocks        : 25.7      22.1      19.0
:
RICE
Ending stocks, total : 1.5       1.4       1.6
  Farmer-owned reserve: ---       ---       ---
  CCC inventory       : .4        .1        ---
  Free stocks        : 1.1       1.3       1.6
Average farm price 2/ : 180      234      209-254
:
TOTAL GRAINS 3/
Ending stocks, total : 72.8      79.8      58.1
  Farmer-owned reserve: 27.1      30.3      11.4
  CCC inventory       : 5.6      13.2      13.0
  Free stocks        : 40.1      36.3      33.7
*****

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1/ Farmer-owned reserves and CCC inventory are as of June 1 for wheat, Oct. 1 for feed grains, and August 1 for rice.

2/ Dollars per metric ton. 3/ Includes rye.

FEED GRAINS AND CORN 1/

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*****
Commodity      : 1978/79 : 1979/80 : 1980/81 2/
                :          : Estimated : Proj. : Prob. variab.
*****
FEED GRAINS:
Area           :          : Million acres
  Planted      : 122.8   : 117.6   : 120.8
  Harvested    : 104.5   : 101.2   : 100.3
Yield per harv. :          : Metric tons
  acre         : 2.08    : 2.31    : 1.96
                :          : Million metric tons
Beginning stocks : 41.2    : 45.9    : 53.4
Production      : 217.4   : 233.9   : 196.7 : +10 to -10
Imports         : .3      : .3      : .2
  Supply, total : 258.9   : 280.0   : 250.3 : +10 to -10
Feed and residual : 133.1   : 134.8   : 125.2 : +9 to -9
Food, seed, & ind. : 19.7    : 20.9    : 23.2  : +1 to -1
  Domestic, total : 152.8   : 155.7   : 148.4 : +9 to -9
Exports         : 60.2    : 70.9    : 71.0  : +6 to -6
  Use, total     : 213.0   : 226.6   : 219.4 : +13 to -13
Ending stocks   : 45.9    : 53.4    : 30.9  : +9 to -9
                :
CORN:
Area           :          : Million acres
  Planted      : 80.1    : 80.0    : 83.5
  Harvested    : 70.3    : 71.0    : 71.4
Yield per harv. :          : Bushels
  acre         : 100.8   : 109.4   : 93.0
                :          : Million bushels
Beginning stocks : 1,104   : 1,286   : 1,701
Production      : 7,087   : 7,764   : 6,646 : +430 to -430
Imports         : 1       : 1       : 1
  Supply, total : 8,192   : 9,051   : 8,348 : +430 to -430
Feed and residual : 4,198   : 4,325   : 4,150 : +300 to -300
Food, seed, & ind. : 575     : 625     : 715   : +25 to -25
  Domestic, total : 4,773   : 4,950   : 4,865 : +315 to -315
Exports         : 2,133   : 2,400   : 2,500 : +200 to -200
  Use, total     : 6,906   : 7,350   : 7,365 : +450 to -450
Ending stocks   : 1,286   : 1,701   : 983   : +300 to -300
Avg. farm price 3/ : 2.25    : 2.50    : 2.90-3.40
*****

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1/ Marketing year beginning October 1 for corn and sorghum; June 1 for barley and oats. 2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Season average farm price, dollars per bushel.

SORGHUM, BARLEY AND OATS 1/

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*****
Commodity      : 1978/79 : 1979/80 : 1980/81
                :         : Estimated : Proj. : Prob. variab 2/
*****
SORGHUM:      :         :         :         :
Yield/harv. acre : 55.1   : 62.9   : 44.0
                :         :         :         :
                :         :         :         : Million bushels
Beginning stocks : 191    : 159    : 101
Production       : 748    : 814    : 553   +45 to -45
Imports          :         :         :         :
  Supply, total  : 939    : 973    : 654   +45 to -45
Feed and residual : 566    : 525    : 370   +30 to -30
Food, seed, & ind. : 7      : 7      : 7
  Domestic, total : 573    : 532    : 377   +30 to -30
Exports          : 207    : 340    : 225   +25 to -25
  Use, total      : 780    : 872    : 602   +50 to -50
Ending stocks    : 159    : 101    : 52    +15 to -15
Avg. farm price 3/ : 2.02   : 2.35   : 2.85-3.35
BARLEY:        :         :         :         :
Yield/harv. acre : 48.6   : 50.6   : 46.2
                :         :         :         :
                :         :         :         : Million bushels
Beginning stocks : 172    : 229    : 191
Production       : 449    : 378    : 340   +15 to -15
Imports          : 10     : 12     : 10
  Supply, total  : 631    : 619    : 541   +15 to -15
Feed and residual : 206    : 203    : 175   +25 to -25
Food, seed, & ind. : 170    : 170    : 172
  Domestic, total : 376    : 373    : 347   +25 to -25
Exports          : 26     : 55     : 75    +20 to -20
  Use, total      : 402    : 428    : 422   +40 to -40
Ending stocks    : 229    : 191    : 119   +20 to -20
Avg. farm price 3/ : 1.92   : 2.31   : 2.50-2.80
OATS:          :         :         :         :
Yield/harv. acre : 52.2   : 54.4   : 49.7
                :         :         :         :
                :         :         :         : Million bushels
Beginning stocks : 311    : 287    : 239
Production       : 596    : 534    : 441   +20 to -20
Imports          : 1      : 1      : 1
  Supply, total  : 908    : 822    : 681   +20 to -20
Feed and residual : 530    : 499    : 450   +25 to -25
Food, seed, & ind. : .78    : 80     : 80
  Domestic, total : 608    : 579    : 530   +25 to -25
Exports          : 13     : 4      : 10    +5 to -5
  Use, total      : 621    : 583    : 540   +25 to -25
Ending stocks    : 287    : 239    : 141   +20 to -20
Avg. farm price 3/ : 1.20   : 1.36   : 1.55-1.85
*****

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1/ Marketing year beginning October 1 for sorghum, June 1 for barley and oats. 2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Season average farm price, dollars per bushel.



WHEAT AND RICE 1/

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*****
Commodity      : 1978/79 : 1979/80 : 1980/81
                :         : Estimated : Proj. : Prob. variab. 2/
*****
WHEAT:
Area           :         : Million acres
  Planted      : 66.3   : 71.6     : 80.9
  Harvested    : 56.9   : 62.6     : 71.6
Yield per harv. :         : Bushels
  acre         : 31.6   : 34.2     : 32.5
                :         : Million bushels
Beginning stocks : 1,177  : 925      : 901
Production      : 1,798  : 2,142    : 2,325  +40 to -40
Imports         : 1      : 2        : 2
  Supply, total : 2,976  : 3,069    : 3,228  +80 to -80
Food            : 591    : 596      : 605    +5 to -5
Seed           : 87     : 101     : 100    +5 to -5
Feed and residual : 179   : 96      : 125    +50 to -50
  Domestic, total : 857   : 793     : 830    +55 to -55
Exports        : 1,194  : 1,375   : 1,450  +100 to -100
  Use, total     : 2,051  : 2,168   : 2,280  +125 to -125
Ending stocks   : 925    : 901     : 948    +125 to -125
Avg. farm price 3/ : 2.98   : 3.82    : 3.90-4.25
RICE (rough equiv.):
Area           :         : Million acres
  Allotment     : 1.80   : 1.80    : 1.80
  Planted       : 2.99   : 3.00    : 3.36
  Harvested     : 2.97   : 2.98    : 3.33
Yield per harv. :         : Pounds
  acre         : 4,484  : 4,588   : 4,387
                :         : Million cwt.
Beginning stocks : 27.4   : 31.6    : 31.8
Production      : 133.2  : 136.7   : 146.1  +6 to -6
Imports         : .1     : ---     : ---
  Supply, total : 160.7  : 168.3   : 177.9  +6 to -6
Domestic        : 48.0   : 50.5    : 53.0   +2 to -2
Exports         : 76.9   : 83.0    : 87.0   +5 to -5
  Use, total     : 124.9  : 133.5   : 140.0  +6 to -6
Ending stocks   : 31.6   : 31.8    : 34.9   +6 to -6
Dif. unactd.   : +4.2   : +3.0 4/ : +3.0 4/
Avg. farm price 3/ : 8.16   : 10.60   : 9.50-11.50
*****

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1/ Marketing year beginning June 1 for wheat and August 1 for rice.  
2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Season average farm price, dollars per bushel for wheat and dollars per hundredweight for rice. 4/ Projected based on historical relationships.

SOYBEANS AND PRODUCTS (Domestic Measure) 1/

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*****
Commodity      : 1978/79 : 1979/80 :      1980/81
                :          : Estimated : Proj. : Prob. variab 2/
*****
SOYBEANS:
Area           :          : Million acres
  Planted      : 64.4    : 71.6    : 70.3
  Harvested    : 63.3    : 70.5    : 68.6
Yield per harv. :          : Bushels/acre
  unit         : 29.5    : 32.2    : 27.4
                :          : Million bushels
Beginning stocks : 161     : 174     : 400
Production      : 1,870   : 2,268   : 1,880 +125 to -125
  Supply, total : 2,031   : 2,442   : 2,280 +125 to -125
Crushings       : 1,018   : 1,110   : 1,050 +50 to -50
Exports         : 753 3/  : 850     : 835   +50 to -50
Seed and feed   : 76      : 80      : 80
Residual        : 10      : 17      : 15
  Use, total    : 1,857   : 2,057   : 1,980 +75 to -75
Ending stocks   : 174     : 400 4/  : 300   +75 to -75
Avg. farm price : 6.66    : 6.25    : 7.75 +1.25 to -1.25
SOYBEAN OIL:
                :          : Million pounds
Beginning stocks : 729     : 776     : 1,205
Production      : 11,323  : 11,879  : 11,445 +550 to -550
  Supply, total : 12,052  : 12,655  : 12,650 +550 to -550
  Domestic     : 8,942   : 8,900   : 9,000 +500 to -500
  Exports      : 2,334   : 2,550   : 2,500 +150 to -150
  Use, total   : 11,276  : 11,450  : 11,500 +500 to -500
Ending stocks   : 776     : 1,205   : 1,150 +200 to -200
Avg. price 5/   : 27.4    : 24.5    : 28.0 +5.0 to -5.0
SOYBEAN MEAL:
                :          : Thousand short tons
Beginning stocks : 243     : 267     : 305
Production      : 24,354  : 26,638  : 24,935 +1200 to -1200
  Supply, total : 24,597  : 26,905  : 25,240 +1200 to -1200
  Domestic     : 17,720  : 18,850  : 17,800 +1000 to -1000
  Exports      : 6,610   : 7,750   : 7,100 +400 to -400
  Use, total   : 24,330  : 26,600  : 24,900 +1000 to -1000
Ending stocks   : 267     : 305     : 340   +50 to -50
Avg. price 6/   : 190.10  : 180.00  : 220.00 +35 to -35
*****

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1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and meal. 2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Based on inspections for export. 4/ Ending stocks for 1979/80 include a 15-million-bushel underestimate of the 1979 crop, as indicated in the June 1 Grain Stocks report. 5/ Simple average of crude soybean oil, Decatur, cents per pound. 6/ Simple average of 44% protein, Decatur, dollars per short ton.

SOYBEANS AND PRODUCTS (Metric Measure) 1/

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*****
Commodity : 1978/79 : 1979/80 : 1980/81
           :         : Estimated : Proj. : Prob. variab 2/
*****
SOYBEANS:
Area :
      : Million hectares
  Planted : 26.1 29.0 28.4
  Harvested : 25.6 28.5 27.8
Yield per harv. : Metric tons/hectare
  unit : 1.98 2.17 1.84
      : Million metric tons
Beginning stocks : 4.4 4.7 10.9
Production : 50.9 61.7 51.2 +3.4 to -3.4
  Supply, total : 55.3 66.4 62.1 +3.4 to -3.4
Crushings : 27.7 30.2 28.6 +1.4 to -1.4
Exports : 20.5 3/ 23.1 22.7 +1.4 to -1.4
Seed and feed : 2.1 2.2 2.2
Residual : .3 .5 .4
  Use, total : 50.6 56.0 53.9 +2.0 to -2.0
Ending stocks : 4.7 10.9 4/ 8.2 +2.0 to -2.0
Avg. farm price : 245 230 285 +46 to -46
SOYBEAN OIL:
      : Thousand metric tons
Beginning stocks : 331 352 547
Production : 5,136 5,388 5,191 +249 to -249
  Supply total : 5,467 5,740 5,738 +249 to -249
Domestic : 4,056 4,037 4,082 +227 to -227
Exports : 1,059 1,157 1,134 +68 to -68
  Use, total : 5,115 5,194 5,216 +227 to -227
Ending stocks : 352 547 522 +91 to -91
Avg. price 4/ : 604 540 617 +110 to -110
SOYBEAN MEAL:
      : Thousand metric tons
Beginning stocks : 220 242 277
Production : 22,094 24,166 22,621 +1089 to -1089
  Supply, total : 22,314 24,408 22,897 +1089 to -1089
Domestic : 16,075 17,100 16,148 +907 to -907
Exports : 5,996 7,031 6,441 +363 to -363
  Use, total : 22,072 24,131 22,589 +907 to -907
Ending stocks : 242 277 308 +45 to -45
Average price 6/ : 210 198 243 +39 to -39
*****

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1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and meal. 2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Based on inspections for export. 4/ Ending stocks for 1979/80 include a .4-million-metric-ton underestimate of the 1979 crop, as indicated in the June 1 Grain Stocks report. 5/ Simple average of crude soybean oil, Decatur, dollars per metric ton. 6/ Simple average of 44% protein, Decatur, dollars per metric ton.

COTTON: UPLAND AND EXTRA LONG STAPLE 1/

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*****
Commodity      : 1978/79 : 1979/80 : 1980/81
                :           : Estimated : Proj. : Prob. variab 2/
*****
                :           : DOMESTIC MEASURE
Area           :           : Million acres
  Planted      : 13.4    : 13.9    : 14.4
  Harvested    : 12.4    : 12.8    : 13.3
Yield per harv. :           : Pounds
  acre         : 421     : 548     : 461
                :           : Million 480-lb. bales
Beginning stocks : 5.3 3/  : 4.0 3/  : 2.8 +0.2 to -0.2
Production      : 10.9    : 14.6    : 12.8 +1.0 to -1.0
  Supply, total 4/ : 16.2    : 18.6    : 15.7 +1.0 to -1.0
Mill use        : 6.4     : 6.5     : 6.0 +0.5 to -0.5
Exports        : 6.2     : 9.4     : 6.8 +0.5 to -1.0
  Use, total    : 12.5    : 15.9    : 12.9 +1.0 to -1.5
Dif. unactd. 5/ : .3      : .1      : .1
Ending stocks  : 4.0 3/  : 2.8     : 2.9 +1.0 to -0.5
Avg. farm price 6/ : 58.4    : 62.6 7/ : 8/
                :           : METRIC MEASURE
Area           :           : Million hectares
  Planted      : 5.41    : 5.64    : 5.81
  Harvested    : 5.01    : 5.19    : 5.40
Yield per harv. :           : Metric tons
  hectare     : .47     : .61     : .52
                :           : Million metric tons
Beginning stocks : 1.16 3/ : .87 3/  : .61 +.04 to -.04
Production      : 2.36    : 3.18    : 2.79 +.22 to -.22
  Supply, total 4/ : 3.53    : 4.05    : 3.42 +.22 to -.22
Mill use        : 1.39    : 1.42    : 1.31 +.11 to -.11
Exports        : 1.35    : 2.05    : 1.48 +.11 to -.22
  Use, total    : 2.72    : 3.46    : 2.81 +.22 to -.33
Dif. unactd. 5/ : .07     : .02     : .02
Ending stocks  : .87 3/  : .61     : .63 +.22 to -.11
Avg. farm price 6/ : 1.29    : 1.38 7/ : 8/
*****

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1/ Marketing year beginning Aug. 1. 2/ The "probable variability" reflects the root mean square error and/or standard error of estimate from trend and judgment. Chances are about 2 out of 3 that the outcome will fall within the indicated ranges. 3/ Based on Bureau of the Census data. 4/ Includes imports. 5/ Difference between ending stocks based on Bureau of Census data and preceding season's supply less distribution. 6/ Season average farm price, domestic measure, cents per pound; metric measure, dollars per kilogram. 7/ Weighted average price for the first 8 months of the season; not a forecast for 1979/80. 8/ USDA is prohibited from publishing cotton price projections. Note: Totals may not add due to rounding.

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#### Conversion Factors

Bushels to metric tons	Area
Wheat & soybeans = bushels x .027216	1 acre = .404694 hectares
Barley = bushels x .021772	
Corn, sorghum,	
rye = bushels x .025401	1 hectare = 2.471044 acres
Oats = bushels x .014515	
480 lb. bales to metric tons	
Cotton = bales x .217727	
Cwt. to metric tons	
Rice = cwt. x .045359	
Kilograms to pounds	
Kilogram = 2.204622 pounds	