

# AGRICULTURAL SUPPLY & DEMAND ESTIMATES



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

#67

February 27, 1978

## LARGER COTTON EXPORTS EXPECTED

U.S. cotton exports during 1977/78 are expected to total around 5 million bales, 0.3 million above earlier indications and slightly above last season's level. Brighter prospects for this season reflect competitive U.S. prices in international markets and continued brisk sales activity during recent months. About 5.7 million bales have been sold for delivery during 1977/78, but some of this cotton may not be delivered until next season.

Larger U.S. cotton exports mean that carryover this summer may not quite reach the level anticipated earlier. Still, with 1977/78 production far in excess of needs this season, stocks are increasing sharply. The August 1, 1978 carryover may total around 5-3/4 million bales, about double the beginning level.

## SOYBEAN OIL, MEAL EXPORT ESTIMATES ALSO BOOSTED

Strong foreign demand for soybean oil and meal in recent months has prompted upward revisions in projected 1977/78 use. There has also been a 15-million bushel increase in the projected crush to 875 million bushels to cover these larger needs and a corresponding reduction in carryover stocks.

Oil exports for the marketing year are now placed at 1,750 million pounds, up 100 million from our last forecast, reflecting both heavier concessional and commercial sales to date.

Projected meal exports were upped 300,000 short tons to 5 million as a result of strong demand by the European Community this winter. Domestic disappearance has also been raised slightly to 16 million tons, reflecting the strong feed demand occasioned by severe winter conditions.

The export estimate for soybeans remains unchanged.

wheat, rice, and feed grain projections are unchanged from our last report.

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### NOTE TO USERS

Totals on tables in this report may not add and conversions between measures may not be exact due to rounding.

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## SOYBEANS AND PRODUCTS (Domestic Measure) 1/

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Commodity	: 1975/76	: 1976/77:	1977/78	
	:	:	Est. :	Proj.:
			Prob.	Variab. 2/

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SOYBEANS:	:			
Area	:		Million acres	
Planted	:	54.6	50.2	59.1
Harvested	:	53.6	49.4	57.9
Yield per harvested unit	:		Busncls per acre	
	:	28.9	26.1	29.6
	:		Million bushels	
Beginning stocks	:	188	245	103
Production	:	1,547	1,288	1,716
Supply, total	:	1,735	1,533	1,819
Crushings	:	865	790	875
Exports	:	555	564	610
Seed, feed, & residual	:	70	75	79
Disappearance, total	:	1,490	1,430	1,564
Ending stocks	:	245	103	255
Season average farm price(\$/bu.)	:	4.92	6.81	5.25 - 5.75
SOYBEAN OIL:	:		Million pounds	
Beginning stocks	:	561	1,251	767
Production	:	9,630	8,578	9,703
Supply, total	:	10,191	9,829	10,470
Domestic	:	7,964	7,515	7,835
Exports	:	976	1,547	1,750
Disappearance, total	:	8,940	9,062	9,585
Ending stocks	:	1,251	767	885
Average price (cts./lb.) 4/	:	18.3	24	16 - 22
SOYBEAN MEAL:	:		Thousand short tons	
Beginning stocks	:	358	355	228
Production	:	20,754	18,488	21,137
Supply, total	:	21,112	18,843	21,365
Domestic	:	15,612	14,056	16,000
Exports	:	5,145	4,559	5,000
Disappearance, total	:	20,757	18,615	21,000
Ending stocks	:	355	228	365
Av. price(\$/ton) 5/	:	147.80	199.80	135 - 175

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1/ Marketing year beginning Sept. 1 for soybeans; Oct. 1 for soybean oil and meal. 2/ The "probable variability" reflects the SRS estimate of "root mean square error" for production. The chances are about 2 out of 3 that the final outcome would fall within the indicated range. Comparable estimates of variability are used for other items in the S/U balance. 3/ Based on Oct.-Sept. year crush of 890 million bu. 4/ Simple average of crude soybean oil price at Decatur. 5/ Simple average of 44% protein, Decatur.

## SOYBEANS AND PRODUCTS (Metric Measure) 1/ 2/

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 Commodity : 1975/76 : 1976/77 : 1977/78  
 : : Est. : Proj. : Prod. Variab.3/  
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SOYBEANS: :  
 Area : Million hectares  
 Planted : 22.1 20.3 23.9  
 harvested : 21.7 20.0 23.4  
 Yield per harvested: Metric tons per hectare  
 unit : 1.94 1.76 1.99  
 : Million metric tons  
 Beginning stocks : 5.1 6.7 2.8  
 Production : 42.1 35.1 46.7  
 Supply, total : 47.2 41.7 49.5  
 Crusnings : 23.5 21.5 23.8 +1.1 to -1.1  
 Exports : 15.1 15.3 16.6 +1.0 to -1.0  
 Seed, feed, and :  
 residual : 1.9 4/ 2.1 2.2  
 Disappearance, total: 40.6 38.9 42.6 +1.4 to -1.4  
 Ending stocks : 6.7 2.8 6.9 +1.4 to -1.4  
 Season avg. farm :  
 price (\$/MT) : 180.78 250 193 - 211  
 SOYBEAN OIL: : Thousand metric tons  
 Beginning stocks : 254 567 348  
 Production : 4 368 3 891 4 401 4/ +181 to -181  
 Supply, total : 4 623 4 458 4 749  
 Domestic : 3 612 3 409 3 554 +181 to -181  
 Exports : 443 702 794 +91 to -91  
 Disappearance, total: 4 055 4 111 4 348 +136 to -136  
 Ending stocks : 567 348 401 +91 to -91  
 Av. price (\$/MT) 5/ : 403.44 529 353 - 485  
 SOYBEAN MEAL: : Thousand metric tons  
 Beginning stocks : 325 322 207  
 Production : 18 828 16 772 19 175 4/ +816 to -816  
 Supply, total : 19 152 17 094 19 382  
 Domestic : 14 163 12 751 14 515 +635 to -635  
 Exports : 4 667 4 136 4 536 +272 to -272  
 Disappearance, total: 18 830 16 887 19 051 +726 to -726  
 Ending stocks : 322 207 331 +91 to -91  
 Av. price (\$/MT) 6/ : 162.92 220 149 -193

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1/ Marketing year beginning Sept. 1 for soybeans, Oct. 1 for soybean oil and meal. 2/ Conversion factor: Hectare = 2.471 acres; Metric ton = 2204.6 pounds or 36.7437 bushels. 3/ The "probable variability" reflects the SRS estimate of root mean square error" for production. The chances are about 2 out of 3 that the final outcome would fall within the indicated range. Comparable estimates of variability are used for other items in the S/U balance. 4/ Based on Oct.-Sept. year crush of 24.2. 5/ Simple average of crude soybean oil price at Decatur. 6/ Simple average of 44% protein, Decatur.

COTTON: UPLAND AND EXTRA LONG STAPLE 1/

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Commodity : 1975/76:1976/77: 1977/78  
 : : Est. : Proj. : Prob. Variab. 2/  
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		DOMESTIC measure			
Area		Million acres			
Planted	:	9.5	11.7	13.7	
Harvested	:	8.8	10.9	13.3	
Yield per harv. unit		Pounds per acre			
	:	453	465	525	
		Million 480-lb. bales			
Beginning stocks	:	3/5.7	3/3.7	3/2.9	
Production	:	8.3	10.6	14.5	
Supply, total 4/	:	14.1	14.3	17.4	
Mill use	:	7.3	6.7	6.8	+0.3 to -0.3
Exports	:	3.3	4.8	5.0	+0.5 to -0.5
Disappearance, total	:	10.6	11.5	11.8	+0.8 to -0.8
Difference unaccounted	:	5/0.2	5/0.1	0.2	
Ending stocks	:	3/3.7	3/2.9	5.8	+0.4 to -0.4
Season aver. farm price (cts./lb.)	:	51.3	64.1	6/52.0	
		METRIC measure 7/			
Area		Million hectares			
Planted	:	3.8	4.7	5.5	
Harvested	:	3.6	4.4	5.4	
Yield per harv. unit		Metric ton per hectare			
	:	0.51	0.52	0.59	
		Million metric tons			
Beginning stocks	:	3/1.2	3/0.8	0.6	
Production	:	1.8	2.3	3.2	
Supply, total 4/	:	3.1	3.1	3.8	
Mill use	:	1.6	1.5	1.5	+0.1 to -0.1
Exports	:	0.7	1.0	1.1	+0.1 to -0.1
Disappearance, total	:	2.3	2.5	2.6	+0.2 to -0.2
Difference unaccounted	:	5/8/	5/8/	8/	
Ending stocks	:	3/0.8	3/0.6	1.3	+0.1 to -0.1
Season aver. farm price (\$/kg.)	:	1.13	1.41	6/1.15	

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1/ Marketing year beginning Aug. 1. 2/ The "probable variability" reflects the SRS estimate of "root mean square error" for production. The chances are about 2 out of 3 that the outcome would fall within the indicated range. Comparable estimates of variability are used for other items in the S/U balance. 3/ Based on Bureau of Census data. 4/ Includes imports. 5/ Difference between ending stocks based on Bureau of Census data and preceding season's supply less distribution. 6/ Average to January 1, 1978. 7/ Conversion factor: Hectare = 2.471 acres. Metric ton = 2204.6 pounds or 4.59 480-pound bales. Kilogram = 2.2046 pounds. 8/ Less than 0.05 mil. MT.