

USDA Foreign Agricultural Service

# GAIN Report

Global Agricultural Information Network

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## Pakistan

### Oilseeds and Products Annual

**2010**

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**Report Highlights:**

Pakistan's vegetable oil imports are forecast at a record 2.45 million metric tons (MMT) in Marketing Year (MY) 2010/11, 10 percent higher than the 2009/10 imports estimated at 2.23 MMT. Nearly 80 percent of domestic consumption of vegetable oil is met through imports, 83 percent of which comprised of palm oil. Pakistan's MY 2010/11 imports of soybean meal are projected at a record 360,000 tons, to be largely sourced from India. Production of oilseeds in 2010/11 is forecast at 5.1 MMT, up slightly from the estimated 4.9 MMT harvested in 2009/10. Imports of oilseeds are forecast at a record 1.38 MMT (72 percent rape seed and 28 percent sunflower seed).

## **Executive Summary:**

Pakistan is a net importer of oilseeds and edible oils. Domestic production of edible oils is only sufficient to meet 20 percent of total demand. In keeping with population growth, a larger proportion of Pakistan's consumption of vegetable oil is being met by imports as domestic production of oilseeds has been relatively flat. Domestic oilseed production includes cotton, sunflower seed, and rapeseed. The introduction of canola, olive, and oil palm cultivation has met with limited success.

MY 2010/11 oilseed production is forecast at 5.1 MMT, 4 percent higher than last year's estimate of 4.9 MMT.

Cottonseed regularly accounts for about 90 percent of Pakistan's total oilseeds production. Imports of oilseeds are forecast at 1.4 MMT (72 percent of which are rapeseed/ canola), roughly the same as the previous year's level of imports. Total supply of oilseed available for crushing in MY 2010/11 is forecasted at 5.63 MMT, or 3.5 percent higher than the previous year.

MY 2009/10 domestic meal production is forecast at 3 MMT, up 16 percent from last year's level mainly due to anticipated increase in cotton production. MY 2010/11 imports of soybean meal are forecast at a record 360,000 tons, 26 percent higher compared with last year's estimate. Virtually all of Pakistan's soy meal imports are sourced from India.

MY 2010/11 oil production is forecast at 1.4 million tons, 12 percent more than the previous year. Vegetable oil imports are forecast at a record 2.45 MMT, an increase of 12 percent relative to MY2009/10. Palm oil accounts for 83 percent of the total imports.

## **Commodities:**

Oilseed, Cottonseed

Oilseed, Rapeseed

Oilseed, Sunflowerseed

Oilseed, Soybean

## **Production:**

Total domestic oilseed production during MY 2010/11 (Oct-Sep) is forecast at 5.1 MMT, up 4 percent over the 2009/10 production estimate due to an anticipated increase in cottonseed production. Production of cottonseed is forecast at 4.6 MMT, 7 percent higher than last year's production estimate. Sunflower seed production is forecast at 350,000 tons, down 13 percent from last year and rapeseed production is forecast at 180,000 tons, 4 percent lower than the previous year.

Total oilseed production in 2009/10 was revised downward and is estimated at 4.9 MMT. Farmers have shifted area away from sunflower and rapeseed in response to attractive prices for competing crops such as wheat, sugarcane and rice.

### Cottonseed:

Cottonseed is the major oilseed crop grown in Pakistan, accounting for about 90 percent of domestic oilseed production. It is produced primarily for fiber, with oil and meal production being of secondary importance. Seed cotton contains both lint and cottonseed. Lint is the basic input for the domestic textile industry – and a major contributor to Pakistan's exports.

MY 2010/11 cottonseed production is forecast at 4.6 million tons, up 7 percent over the previous year's output, mainly due to higher cotton prices.

#### Rapeseed:

Domestic rapeseed/canola production has gradually decreased since 2008 and accounts for about 6 percent of total oilseed production in Pakistan. Efforts to replace rapeseed with higher-yielding canola varieties have not met with much success due to competition from the wheat crop and problems associated with availability of quality seeds and other agronomic practices.

MY 2010/11 rapeseed production is forecast at 180,000 tons down 4 percent from last year's estimated crop of 187,000 tons.

#### Sunflower seed:

Sunflower production in Pakistan has fluctuated over the years mainly due to the government policy of supporting competing crops like wheat, rice, sugarcane. Total area planted to sunflower has gradually decreased since 2007/08 and Pakistani farmers have reduced their planted acreage due to its uncompetitiveness relative to other competing crops (cotton, rice, sugarcane). Handling and marketing issues have also adversely affected sunflower production.

MY 2010/11 sunflower seed production is forecast at 350,000 tons, down 13 percent from last year's estimate of 400,000 tons.

#### **Consumption:**

In 2005, the Government of Pakistan (GOP) liberalized the import of oilseeds, since then the crushing industry has improved its efficiency by overhauling older machinery and installing high-tech solvent extraction equipment.

Total oilseed crush in 2010/11 is likely to be higher than in 2009/10 because of anticipated higher production and record imports. Almost 85 to 90 percent of total oilseed production is crushed for oil with the balance quantity used for food, feed, and seed purposes.

#### **Trade:**

Imports of oilseeds are forecast at 1.4 MMT in MY 2010/11, up 4 percent over last year's estimate. Increased demand for edible oil from the burgeoning population and for oilseed meal the growing livestock and poultry sectors have led to an increasing dependence on imported oilseeds to bridge the gap between supply and demand.

The MY 2010/11 oilseed import forecast includes 1.0 million tons of rapeseed/canola (mainly from Canada and Australia), and 380,000 tons of sunflower (mainly from Australia). Since June 2005, the GOP has exempted oilseeds from customs duty and sales tax. Vegetable oils are assessed a fixed customs duty along with a 15 percent sales tax and 2 percent withholding tax.

MY 2009/10 oilseed imports were estimated at 1.3 million metric tons. Rapeseed/canola seed are typically sourced from Canada and Australia.

#### **Policy:**

There is no support price mechanism for oilseeds and the GOP does not procure oilseeds. The GOP treats oilseeds as a low priority sector as compared to other crops like wheat, rice, cotton and sugarcane. The lack of availability of quality seed, poor coordination among research organizations, lack of suitable machinery for planting, harvesting and threshing operations, improper dissemination of site-specific production technologies and lack of research-based crop management are some of the major constraints being faced by the oilseed sector.

Zero import duty for oilseed has facilitated in the development of a viable domestic crushing industry. Given the poor quality of local oilseeds and logistical hurdles of transporting oilseeds to crushing facilities, the domestic crushing industry has focused more on importing quality oilseeds rather than providing incentives to local growers to increase area planted in oilseeds.



CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
TS=TD		0	0			0			0
<b>Oilseed, Rapeseed Pakistan</b>	<b>2008/2009</b>			<b>2009/2010</b>			<b>2010/2011</b>		
	<b>Market Year Begin: Oct 2008</b>			<b>Market Year Begin: Oct 2009</b>			<b>Market Year Begin: Oct 2010</b>		
	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>
Area Planted	270	270	250	260	260	230	260	0	200
Area Harvested	270	270	250	270	260	230	270	0	200
Beginning Stocks	93	13	13	13	13	13	78	0	20
Production	225	225	207	230	220	187	230	0	180
MY Imports	596	900	650	830	800	980	800	0	1,000
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	15	0	0	15	0	0	15	0	0
Total Supply	914	1138	870	1073	1033	1,180	1108	0	1,200
MY Exports	0	0	0	0	0	0	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Crush	806	1035	760	900	933	1,040	956	0	1,050
Food Use Dom. Cons.	0	0	0	0	0	0	0	0	0
Feed Waste Dom. Cons.	95	90	97	95	85	120	96	0	130
Total Dom. Cons.	901	1125	857	995	1018	1,160	1052	0	1,180
Ending Stocks	13	13	13	78	15	20	56	0	20
Total Distribution	914	1138	870	1073	1033	1,180	1108	0	1,200
CY Imports	350	0	0	800	0	0	800	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
TS=TD	0	0	0	0	0	0	0	0	0

<b>Oilseed, Sunflowerseed Pakistan</b>	<b>2008/2009</b>			<b>2009/2010</b>			<b>2010/2011</b>		
	<b>Market Year Begin: Oct 2008</b>			<b>Market Year Begin: Oct 2009</b>			<b>Market Year Begin: Oct 2010</b>		
	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>	<b>USDA Official</b>	<b>Old Post</b>	<b>New Post</b>
Area Planted	0	450	0	0	400	0	0	0	0
Area Harvested	450	450	320	450	400	300	450	0	250
Beginning Stocks	43	16	16	54	15	15	45	0	20
Production	685	685	424	685	600	400	685	0	350
MY Imports	190	350	160	170	300	355	250	0	380
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	918	1051	600	909	915	770	980	0	750
MY Exports	0	0	0	0	0	0	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Crush	834	981	540	820	845	700	864	0	680
Food Use Dom. Cons.	0	0	0	0	0	0	0	0	0
Feed Waste Dom. Cons.	30	55	45	44	50	50	50	0	50
Total Dom. Cons.	864	1036	585	864	895	750	914	0	730
Ending Stocks	54	15	15	45	20	20	66	0	20
Total Distribution	918	1051	600	999	915	770	980	0	750
CY Imports	10	0	0	10	0	0	10	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
TS=TD	0	0	0	0	0	0	0	0	0
<b>Oilseed, Soybean Pakistan</b>	<b>2008/2009</b>			<b>2009/2010</b>			<b>2010/2011</b>		
	<b>Market Year Begin: Oct 2008</b>			<b>Market Year Begin: Jun 2009</b>			<b>Market Year Begin: Jun 2010</b>		

	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Area Planted	2	2	2	2	2	2	2	0	2
Area Harvested	2	2	2	2	2	2	2	0	2
Beginning Stocks	0	0	0	0	0	0	0	0	0
Production	2	2	2	2	2	2	2	0	2
MY Imports	0	0	0	10	0	0	10	0	0
MY Imp. from U.S.	2	0	0	2	0	0	2	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	2	2	2	12	2	2	12	0	2
MY Exports	0	0	0	0	0	0	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Crush	0	0	0	10	0	0	10	0	0
Food Use Dom. Cons.	0	2	2	0	2	2	0	0	2
Feed Waste Dom. Cons.	2	0	0	2	0	0	2	0	0
Total Dom. Cons.	2	2	2	12	2	2	12	0	2
Ending Stocks	0	0	0	0	0	0	0	0	0
Total Distribution	2	2	2	12	2	2	12	0	2
CY Imports	0	0	0	10	0	0	10	0	0
CY Imp. from U.S.	2	0	0	2	0	0	2	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
TS=TD	0	0	0	0	0	0	0	0	0

### Commodities:

Meal, Cottonseed

Meal, Rapeseed

Meal, Sunflowerseed

Meal, Soybean

### Production:

Oilseed meal production in MY 2010/11 is forecast at 3.0 MMT, up 16 percent over MY 2009/10. Oil meal production in MY 2009/10 was revised upward slightly to 2.6 MMT due to higher than anticipated oilseed imports. The domestic crushing industry traditionally produces an oilseed meal ration comprised of 70 percent cottonseed, 21 percent rapeseed/canola and 9 percent sunflower seed.

### Consumption:

MY 2010/11 meal requirements are forecast to increase to a record 3.3 MMT due to the anticipated expansion of the poultry, dairy and livestock sectors. The forecast is also based on the assumption that there would be no major outbreak of avian influenza in the poultry sector.

Traditional feed rations (cottonseed meal, rapeseed meal and sunflower seed meal) are inadequate and contain minimal protein. Feed millers are using increasing quantities of soybean meal to improve the meal quality. The growing demand for higher quality protein meal by livestock and poultry producers has increased the use of soybean meal from the traditional 5-7 percent to 10-15 percent.

### Trade:



Meal, Rapeseed Pakistan	2008/2009			2009/2010			2010/2011		
	Market Year Begin: Oct 2008			Market Year Begin: Oct 2009			Market Year Begin: Oct 2010		
	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Crush	806	1035	760	900	933	1,040	956	0	1,050
Extr. Rate, 999.9999	1.	0.59	0.5921	1.	0.59	0.5913	1.	0	0.5905
Beginning Stocks	0	0	0	0	0	0	0	0	0
Production	475	609	450	530	550	615	563	0	620
MY Imports	0	0	0	0	0	0	0	0	0
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	475	609	450	530	550	615	563	0	620
MY Exports	3	15	10	2	15	15	2	0	20
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Industrial Dom. Cons.	0	0	0	0	0	0	0	0	
Food Use Dom. Cons.	0	0	0	0	0	0	0	0	0
Feed Waste Dom. Cons.	472	594	440	528	535	600	561	0	600
Total Dom. Cons.	472	594	440	528	535	600	561	0	600
Ending Stocks	0	0	0	0	0	0	0	0	0
Total Distribution	475	609	450	530	550	615	563	0	620
CY Imports	0	0	0	0	0	0	0	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	2	0	0	2	0	0	2	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
SME	336	0	313	376	0	427	399	0	427
TS=TD	0	0	0		0	0		0	0

Meal, Sunflowerseed Pakistan	2008/2009			2009/2010			2010/2011		
	Market Year Begin: Oct 2008			Market Year Begin: Oct 2009			Market Year Begin: Oct 2010		
	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Crush	834	981	540	820	845	700	864	0	680
Extr. Rate, 999.9999	0.	0	0.4204	0.	0	0.42	0.	0	0.4206
Beginning Stocks	0	0	0	0	0	0	0	0	0
Production	346	407	227	341	350	294	360	0	286
MY Imports	0	0	0	0	0	0	0	0	0
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	346	407	227	341	350	294	360	0	286
MY Exports	0	0	0	0	0	00	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Industrial Dom. Cons.	0	0	0	0	0	0	0	0	0
Food Use Dom. Cons.	0	0	0	0	0	0	0	0	0
Feed Waste Dom. Cons.	346	407	227	341	350	294	360	0	286
Total Dom. Cons.	346	407	227	341	350	294	360	0	286
Ending Stocks	0	0	0	0	0	0	0	0	0
Total Distribution	346	407	227	341	350	294	360	0	286
CY Imports	0	0	0	0	0	0	0	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
SME	327	0	214	322	0	278	340	0	270
TS=TD	0	0	0		0	0		0	0

Meal, Soybean Pakistan	2008/2009			2009/2010			2010/2011		
	Market Year Begin: Oct 2008			Market Year Begin: Oct 2009			Market Year Begin: Oct 2010		
	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Crush	0	0	0	10	0	0	10	0	0
Extr. Rate, 999.9999	0.	0	0.	1.	0	0.	1.	0	0.
Beginning Stocks	0	0	0	0	0	0	0	0	0
Production	0	0	0	8	0	0	8	0	0
MY Imports	273	300	273	285	350	285	285	0	360
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	273	300	273	293	350	285	293	0	360
MY Exports	0	0	0	0	0	0	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Industrial Dom. Cons.	0	0	0	0	0	0	0	0	0
Food Use Dom. Cons.	0	0	0	0	0	0	0	0	0
Feed Waste Dom. Cons.	273	300	273	293	350	285	293	0	360
Total Dom. Cons.	273	300	273	293	350	285	293	0	360
Ending Stocks	0	0	0	0	0	0	0	0	0
Total Distribution	273	300	273	293	350	285	293	0	360
CY Imports	205	0	0	285	0	0	285	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
SME	273	0	273	293	0	285	293	0	360
TS=TD	0	0	0	0S	0	0		0	0

### Commodities:

Oil, Cottonseed  
Oil, Rapeseed  
Oil, Sunflowerseed  
Oil, Soybean  
Oil, Palm

### Production:

Total edible oil production in MY 2010/11 is forecast at 1.4 MMT, up 12 percent over the MY 2009/10 due to an anticipated increased availability of oilseeds and larger crush.

Domestic oil production is sufficient to meet only about 20 percent of demand with the balance met through imports. A growing population and only a limited ability to expand domestic production means that larger imports will be needed in order to meet Pakistan's increasing demand for edible oils.

MY 2009/10 edible oil production is estimated at 1.27 MMT, which includes 576,000 tons of cottonseed oil, 416,000 tons of rapeseed oil and 280,000 tons of sunflower seed oil.

## Consumption:

MY 2010/11 oil consumption is forecast at 3.9 MMT up about 12 percent over last year's estimate due to increasing population. The share of imported oil in total consumption is anticipated close to 80 percent. Palm oil continues to be the largest consumed edible oil. For health reasons consumers are gradually shifting from hydrogenated oils towards soft oils. However, price remains the determining factor in most consumers purchasing decisions.

## Trade:

Pakistan is one of the world's largest importers of vegetable oil. In MY 2010/11, palm oil imports are forecast at a record 2.4 MMT, up 9 percent from last year's estimate of 2.2 MMT. Refined palm oil accounts for about 83 percent of Pakistan's total edible oil imports. The United States exports only limited quantities of soybean oil to Pakistan in the form of food aid.

## Production, Supply and Demand Data Statistics:

Total Oils Pakistan	2008/2009			2009/2010			2010/2011		
	Market Year Begin: Oct 2008			Market Year Begin: Jun 2009			Market Year Begin: Jun 2010		
	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Crush	5040	5556	4700	5330	5428	5440	5730	0	5630
Beginning Stocks	205	157	205	94	157	92	100	0	98
Production	1179	1158	1065	1244	1073	1272	1373	0	1428
MY Imports	1993	2081	1994	0	2351	2235	2335	0	2450
MY Imp. from U.S.	0	20	0	0	50	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	3377	3396	3264	3576	3581	3599	3763	0	3976
MY Exports	54	0	55	70	0	60	50	0	50
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Industrial Dom. Cons.	130	107	130	116	107	116	128	0	132
Food Use Dom. Cons.	3032	3096	2924	3237	3290	3267	3424	0	3658
Feed Waste Dom. Cons.	64	36	63	58	36	58	63	0	68
Total Dom. Cons.	3226	3239	3117	3576	3433	3441	3615	0	3858
Ending Stocks	97	157	92	100	148	98	98	0	68
Total Distribution	3377	3396	3264	3576	3581	3599	3763	0	3976
CY Imports	0	0	0	0	0	0	0	0	0
CY Imp. from U.S.	0	0	0	0	0	0	0	0	0
CY Exports	0	0	0	0	0	0	0	0	0
CY Exp. to U.S.	0	0	0	0	0	0	0	0	0
TS=TD	0	0	0	0	0	0	0	0	0

Oil, Cottonseed Pakistan	2008/2009			2009/2010			2010/2011		
	Market Year Begin: Oct 2008			Market Year Begin: Jun 2009			Market Year Begin: Jun 2010		
	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post	USDA Official	Old Post	New Post
Crush	3,400	3550	3,400	3,600	3650	3,600	3,900	0	3900
Extr. Rate, 999.9999	0.	0	0.16	0.	0	0.16	0.	0	0.16
Beginning Stocks	30	60	30	24	60	24	30	0	30
Production	528	356	544	560	366	576	605	0	736
MY Imports	0	0	0	0	0	0	0	0	0
MY Imp. from U.S.	0	0	0	0	0	0	0	0	0
MY Imp. from EU	0	0	0	0	0	0	0	0	0
Total Supply	558	416	574	584	426	600	635	0	766
MY Exports	0	0	0	0	0	0	0	0	0
MY Exp. to EU	0	0	0	0	0	0	0	0	0
Industrial Dom. Cons.	27	27	27	28	27	28	28	0	28
Food Use Dom. Cons.	502	324	518	526	334	537	577	0	733
Feed Waste Dom. Cons.	5	5	5	0	5	5	0	0	5
Total Dom. Cons.	534	356	550	554	366	570	605	0	766





