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Report Highlights:

Soybean production is forecast to grow slightly but still falls short of an anticipated strong domestic demand, leading to a heavy reliance on imports of beans and meal. Imports from U.S. should be more attractive, on account of the concerns over the new export tax of Argentina.

Includes PSD changes: Yes
Includes Trade Matrix: Yes
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Executive Summary

In 2002, soybean production is forecast to grow slightly, but still below the five-year average level. As a result, the gap between domestic production and anticipated strong utilization of soybean-based products, in particular soybean meal, is expected to continue widening, pointing to a heavy reliance on soybean imports for which the zero import duty remained unchanged without limitation on import volume. This should stabilize the import demand for soybean meal, notwithstanding the upward trend of demand for feed, which is fuelled by further increases in export of poultry, and limited supply of fish meals. Imports of soybean and soybean meal from United States should be more attractive, in response to the concerns over the new export tax of Argentina.

The production of soybean oil is expected to continue its upward trend, largely on account of the growing demand for soybean meal. In contrast, palm oil production is forecast to decline significantly, mainly due to the unfavorable climatic conditions and decreased investment incentives. However, palm oil still has the dominant share (60 percent) in the growing domestic vegetable oil market, followed by soybean oil (30 percent share). Nevertheless, the upward trend in exports is forecast to continue for soybean oil but not for palm oil, due to the supply constraint. Regarding government policy, there has been no significant change in production policy for palm oil, as well as import policy for both soybean and palm oil.

SECTION I: SITUATION AND OUTLOOK

1.1. Oilseeds

Soybean

The outlook for the 2002 crop is forecast to increase marginally to 299,500 tons but still below the five-year average level. The planted area is estimated at 212 thousand hectares, virtually unchanged from the previous year as farmers would continue to favor cultivating alternative field crops over soybeans.

Harvesting of the 2001 crop has been completed recently and the official estimate of output has been revised downward to about 292,098 tons, reflecting a decline in planted area, particularly the dry season crop which covered more than half of the total planted area, due to relatively less attractive returns vis-a vis other field crops like feed corn, cotton, and sugar cane. Moreover, yields of soybean also slightly declined, mainly as a result of the insufficient supply of high-yielding varieties and insect damage in the wet season crop.

However, the consumption of soybeans continued to grow in 2001 and over the next year mainly in line with the strong demand for feed in which soybean meals, the by-product of the soybean oil extraction process, is an important feed ingredient. In addition, the use of soybeans as full-fat feed, accounting for an estimated 40 percent of total soybean imports, continued its upward trend, reaching almost half a million ton as a result of the liberalization policy on soybean imports (zero import duty on soybeans since 1996).

Regarding the anticipated growing use of soybean as food, the greater utilization of domestically produced soybeans for food is expected to trend upward, reaching about half of total domestic production, as a result of the increasing concerns over imported GMO soybeans. This in turn could stabilize the wholesale price of soybeans (Grade A) in 2002 after dropping sharply in 2001 (Table 2). So far, the decline in price has slowed down to 13.65 baht/kg (US\$ 313 /ton) between January and May this year.

The gap between domestic production and growing utilization of soybean-based products is expected to continue widening, thus possibly leading to a strong import growth of soybean in 2001 and 2002. Imports from the U.S., the largest supplier, is projected to account for the bulk of the import growth, due to the the relatively lower price of the U.S.' high quality products compared to that of Argentina' s low quality ones, the second largest suppliers, in which the export taxes have been imposed as a source of the government revenue during the crisis.

As for the government policy on soybean imports in 2002, zero import duty remained unchanged. In addition, there was no limitation on imports of soybean, compared to the restricted imports of 1.5 million tons in the preceding year. The importers are required to buy domestic crush-for-oil soybean from farmers no less than 11 baht/kg, unchanged from the previous year, and no less than 12.5 baht/kg for Grade A soybean., slightly above 11.0 baht/kg. in 2001.

1.2. Oil Meal

Soybean Meal

In 2002, notwithstanding the limited domestic soybean production, the output of soybean meal is expected to continue its upward trend in 2002, boosted by the imported soybeans. This could lead to stabilize the import demand for soybean meal, despite the anticipated strong increase in domestic demand, largely on account of further growth of poultry exports, in particular frozen fowl. However, trade sources pointed that imports from Argentina, the largest supplier, is likely to slow down, due mainly to concerns over the new export taxes imposed by the Argentine authorities.

The wholesale price of soybean meal continued to experience downward pressure in line with world market prices. Between January and May this year, the price of local soybean meal declined by 5.3 percent from the corresponding period in 2001 (Table 6)

The government policy on imports of soybean meal remained unchanged (5 percent import duty without quota).

Fish Meal

Fish meal production is forecast to remain unchanged at 380,000 tons in 2002, as ongoing decreased catches of trash fishes would be offset by an increase in raw materials that are left over from manufacturing of Surimi and canned tuna.

An anticipated slowdown in shrimp farming is likely to reduce the total consumption of fish meal in 2002. However, prices for fish meal remain strong in 2002 following the global prices led by the largest suppliers like Peru and Chile (Table 10). However, trade sources indicated that prices for local fish meal may decline in the second half of 2002.

Following an estimated decline in consumption, imports of fish meal should also decrease to around 80,000 tons, as opposed to 92,000 tons in 2001. About 90 percent of total imports in 2002 should be supplied by Peru. Thai exports of fish meal are likely to decline following stagnant production and prevailing high domestic prices.

1.3. Oil

Soybean Oil

The production of soybean oil is expected to trend upward in 2001 and 2002 in line with the growing supply of imported soybean.

The consumption of soybean oil is forecast to grow further in 2002, reflecting anticipated strong domestic demand, a result of the sustained economic recovery. Most soybean oil is used directly as cooking oil, accounting for about 70 percent of total soybean oil consumption. The rest is for industrial uses, including both non-food and food industries.

Soybean oil exports are expected to continue its upward trend in 2002, due to the price competitiveness and growing demand from major trading partners. In 2001, exports increased significantly, in particular, crude oil, to Vietnam and refined oil to Hong Kong, amounting to 24,984 and

17,552 tons respectively, amounting to almost the entire export of soybean oil. However, trade sources pointed that the surge of exports to Hong Kong should be a temporary phenomenon. Meanwhile, imports of soybean oil, most of which were for industrial use, were insignificant.

The government import policy on soybean oil in 2002 followed the WTO agreement, limited to a 20 % tariff rate under the quota of 2,257 tons.

Palm Oil

Despite a continued expansion in matured growing area, Thailand's palm oil production is forecast to decline significantly in 2002, due mainly to unfavorable climatic conditions and a lack of incentive in plantation investments. Extremely dry conditions in the South of Thailand, where the oil palm plantation industry is centered, in late 2001 and early 2002, have reduced the average yields for fresh fruit production. Meanwhile, trade sources reported that the extraction rates for crude palm oil (CPO) have been seriously affected by the dry conditions. Average crushing yields were only 16-17 percent of total fresh fruit bunch (FFB) weight in the first half of 2002, as opposed to 18-20 percent in 2001. In addition, depressed prices for FFB in 2001 caused several farmers to reduce fertilizer utilization, aggravating the FFB yields from their plantations.

Given normal weather conditions, palm oil production should be on a rise in the next few years, as harvested area for oil palm are likely to increase following continued substitution of oil palm for rubber tree plantation in the South. Because of an improvement in farming management and efficient crushing industries, trade sources believe that Thailand will survive and has potential to expand its production, although Thailand apparently will begin to reduce import duties on palm oil to only 5 percent in 2003 under the ASEAN Free Trade Agreement (AFTA) implementation.

Despite growing demand for palm oil, especially in the food sector, a lack of supply has limited the increase in palm oil consumption in 2002 to marginal levels. Trade sources estimate that the bulk of Thailand's palm and palm kernel oil is used in the food processing industry (cooking oil, 55%; NDCC, 10%; margarine and shortening, 9%; instant noodles, snack food and condensed milk, 15%). About 4 percent is currently used for making soap and the balance goes to animal feed. After a sharp reduction in 2001, prices for palm oil have recovered in 2002 (Table 17), in response to decreased production. Prices for FFB paid to farmers increased from 1.30-2.30 baht/kg (US\$ 33-55/ton) in the last quarter of 2001 (Oct-Dec) to 2.10-2.50 baht/kg (US\$ 50-60/ton) in the first half of 2002 (Jan-Jun).

Thailand has increased its exports of palm oil to other Asian countries in recent years. Regular buyers are the ASEAN countries, India, Pakistan, and China. Exports of palm oil (including crude and refined oil) are forecast to drop sharply in 2002, following a decline in local production. Palm oil exports reached a record of almost 300,000 tons in 2001, due to a supply surplus and competitive local prices (Table 18). As the palm oil trade is among the commodities which are rigidly controlled by the government, legal imports of palm oil have been limited to 15,000-20,000 tons annually. After the liberalization of palm oil trade under the AFTA, palm oil imports may increase significantly in the next 4-5 years, especially when local supplies are not able to meet the growing demand.

There has been no significant change in the government's production policy since the last Annual Report. Under its palm and palm oil development plan (2000-2006), the government has targeted to increase average yields for fresh production (from the current 14-15 tons FFB/hectare to 19 tons FFB/hectare), and for extraction rates (from the current 15-18 percent to 19 percent). These targets will be achieved by relocating the palm plantation to the optimal area and from improvements in planting practices and increased efficiencies in the crushing and refining process.

There have been no price interventions for fresh palm and palm oil in 2002 due to rising domestic prices.

Palm oil (both crude and refined) has been one of the most restricted agricultural imports by the Thai government. The imports are generally subject to the WTO's tariff rate quota system. However, imports from ASEAN countries (like Malaysia and Indonesia) are under the Common Effective Preferential Tariff (CEPT) for the ASEAN Free Trade Area (AFTA). Under the AFTA, Thailand is scheduled to reduce its current 20% tariff rate to 5% in 2003.

Thailand's annual palm oil crushing capacity is currently estimated at 1.0 MMT, with 21 moderate-sized (30-60 tons of FFB/hr) crushing plants. An additional of a total 150 FFB/hr capacity is utilized by 24 small crushers. Actual crushing capacity is around 60-70 percent of the total in 2002. Most of the large palm oil refinery plants have their own fractionation facilities. From crushing mills, crude palm oil (CPO) is transported in tankers to Bangkok refineries. The CPO is then refined, bleached, deodorized and fractionated to obtain palm olein and palm stearin in the ratio 70:30. The olein goes to cooking oil and the food industry, while stearin is manufactured into margarine, shortening, feed and soap.

SECTION II: STATISTICAL TABLES

Table 1: Thailand's Production, Supply & Demand Table for Soybean

| PSD Table | | | | | | |
|------------------------|------------------|------|-----------------|------|--------------------|------|
| Country | Thailand | | | | | |
| Commodity | Oilseed, Soybean | | | | (1000 HA)(1000 MT) | |
| | Revised2000 | | Preliminary2001 | | Forecast2002 | |
| | Old | New | Old | New | Old | New |
| Market Year Begin | 09/2000 | | 09/2001 | | 09/2002 | |
| Area Planted | 250 | 223 | 250 | 212 | 0 | 212 |
| Area Harvested | 230 | 220 | 230 | 210 | 0 | 210 |
| Beginning Stocks | 95 | 300 | 0 | 348 | 0 | 290 |
| Production | 330 | 312 | 330 | 292 | 0 | 300 |
| MY Imports | 1500 | 1286 | 1600 | 1360 | 0 | 1450 |
| MY Imp. from U.S. | 775 | 716 | 950 | 760 | 0 | 780 |
| MY Imp. from the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL SUPPLY | 1925 | 1898 | 1930 | 2000 | 0 | 2040 |
| MY Exports | 0 | 0 | 0 | 0 | 0 | 0 |
| MY Exp. to the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| Crush Dom. Consumption | 1740 | 900 | 1745 | 960 | 0 | 990 |
| Food Use Dom. Consump. | 110 | 150 | 110 | 200 | 0 | 250 |
| Feed,Seed,Waste Dm.Cn. | 75 | 500 | 75 | 550 | 0 | 550 |
| TOTAL Dom. Consumption | 1925 | 1550 | 1930 | 1710 | 0 | 1790 |
| Ending Stocks | 0 | 348 | 0 | 290 | 0 | 250 |
| TOTAL DISTRIBUTION | 1925 | 1898 | 1930 | 2000 | 0 | 2040 |
| Calendar Year Imports | 0 | 1320 | 0 | 1363 | 0 | 1400 |
| Calendar Yr Imp. U.S. | 0 | 777 | 0 | 571 | 0 | 700 |
| Calendar Year Exports | 0 | 0 | 0 | 0 | 0 | 0 |
| Calndr Yr Exp. to U.S. | 0 | 0 | 0 | 0 | 0 | 0 |

Table 2: Wholesale Prices for Soybean, Grade A

| | | | |
|---------------|------------------|----------------------|----------|
| Prices Table | | | |
| Country | Thailand | | |
| Commodity | Oilseed, Soybean | | |
| Prices in | USD | per | M.T. |
| | | | |
| Year | 2000 | 2001 | % Change |
| Jan | 420 | 348 | -17.14% |
| Feb | 423 | 340 | -19.62% |
| Mar | 397 | 325 | -18.14% |
| Apr | 386 | 313 | -18.91% |
| May | 386 | 308 | -20.21% |
| Jun | 368 | 298 | -19.02% |
| Jul | 361 | 296 | -18.01% |
| Aug | 361 | 301 | -16.62% |
| Sep | 361 | 333 | -7.76% |
| Oct | 361 | 319 | -11.63% |
| Nov | 361 | 321 | -11.08% |
| Dec | 361 | 313 | -13.30% |
| | | | |
| Exchange Rate | 41.9 | Local currency/US \$ | |
| Date of Quote | 06/28/02 | | |

Source: Office of Agricultural Economics

Table 3: Thailand's Soybean Imports

| | | | |
|---------------------|---------------------|-----------|---------|
| Import Trade Matrix | | | |
| Country | Thailand | | |
| Commodity | Oilseed, Soybean | | |
| Time period | Jan.-Dec. | Units: | M.T. |
| Imports for: | 2000 | | 2001 |
| U.S. | 777300 | U.S. | 571498 |
| Others | | Others | |
| Argentina | 372789 | Argentina | 725172 |
| Brazil | 155162 | Brazil | 57621 |
| Canada | 4730 | Canada | 7072 |
| China | 360 | China | 1182 |
| Australia | 2148 | Australia | 648 |
| Taiwan | 46 | Taiwan | 31 |
| Belize | 7867 | | |
| | | | |
| | | | |
| Total for Others | 543102 | | 791726 |
| Others not Listed | | | |
| Grand Total | 1320402 | | 1363224 |

Source: Customs Department

Table 4: Thailand's Soybean Exports

| | | | |
|---------------------|------------------|-------------|------|
| Export Trade Matrix | | | |
| Country | Thailand | | |
| Commodity | Oilseed, Soybean | | |
| Time period | Jan.-Dec. | Units: | M.T. |
| Exports for: | 2000 | | 2001 |
| U.S. | 43 | U.S. | 2 |
| Others | | Others | |
| Singapore | 141 | Singapore | 139 |
| Hong Kong | 2 | Hong Kong | 113 |
| Cambodia | 216 | Laos | 40 |
| Japan | 13 | Japan | 23 |
| Philippines | 108 | Myanmar | 7 |
| Maldives | 78 | Switzerland | 5 |
| Taiwan | 12 | Germany | 1 |
| Canada | 3 | | |
| Swaziland | 1 | | |
| | | | |
| Total for Others | 574 | | 328 |
| Others not Listed | 1 | | 5 |
| Grand Total | 618 | | 335 |

Source: Customs Department

Table 5: Thailand Demand & Supply Table for Soybean Meal

| | | | | | | |
|------------------------|---------------|----------|-----------------|--------------------|--------------|----------|
| PSD Table | | | | | | |
| Country | Thailand | | | | | |
| Commodity | Meal, Soybean | | | (1000 MT)(PERCENT) | | |
| | Revised2000 | | Preliminary2001 | | Forecast2002 | |
| | Old | New | Old | New | Old | New |
| Market Year Begin | 09/2000 | | 09/2001 | | 09/2002 | |
| Crush | 1740 | 900 | 1745 | 960 | 0 | 990 |
| Extr. Rate, 999.9999 | 0.781609 | 0.777778 | 0.781662 | 0.78125 | ERR | 0.777778 |
| Beginning Stocks | 0 | 348 | 135 | 456 | 149 | 450 |
| Production | 1360 | 700 | 1364 | 750 | 0 | 770 |
| MY Imports | 1430 | 1408 | 1450 | 1410 | 0 | 1410 |
| MY Imp. from U.S. | 300 | 286 | 350 | 200 | 0 | 200 |
| MY Imp. from the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL SUPPLY | 2790 | 2456 | 2949 | 2616 | 149 | 2630 |
| MY Exports | 0 | 0 | 0 | 0 | 0 | 0 |
| MY Exp. to the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Dom. Consum | 0 | 0 | 0 | 0 | 0 | 0 |
| Food Use Dom. Consump. | 0 | 0 | 0 | 0 | 0 | 0 |
| Feed Waste Dom. Consum | 2655 | 2000 | 2800 | 2166 | 0 | 2180 |
| TOTAL Dom. Consumption | 2655 | 2000 | 2800 | 2166 | 0 | 2180 |
| Ending Stocks | 135 | 456 | 149 | 450 | 0 | 450 |
| TOTAL DISTRIBUTION | 2790 | 2456 | 2949 | 2616 | 0 | 2630 |
| Calendar Year Imports | 0 | 1312 | 0 | 1560 | 0 | 1560 |
| Calendar Yr Imp. U.S. | 0 | 161 | 0 | 250 | 0 | 250 |
| Calendar Year Exports | 0 | 0 | 0 | 0 | 0 | 0 |
| Calndr Yr Exp. to U.S. | 0 | 0 | 0 | 0 | 0 | 0 |

Table 6: Wholesales Price for Soybean Meal

| | | | |
|---------------|------------------|----------------------|----------|
| Prices Table | | | |
| Country | Thailand | | |
| Commodity | Meal, Soybean | | |
| Prices in | USD | per | M.T. |
| Year | 2000 | 2001 | % Change |
| Jan | 237 | 248 | 4.64% |
| Feb | 237 | 250 | 5.49% |
| Mar | 237 | 243 | 2.53% |
| Apr | 237 | 235 | -0.84% |
| May | 242 | 232 | -4.13% |
| Jun | 232 | 240 | 3.45% |
| Jul | 243 | 241 | -0.82% |
| Aug | 243 | 242 | -0.41% |
| Sep | 244 | 241 | -1.23% |
| Oct | 252 | 240 | -4.76% |
| Nov | 264 | 232 | -12.12% |
| Dec | 273 | 216 | -20.88% |
| Exchange Rate | 41.9 | Local currency/US \$ | |
| Date of Quote | 06/28/02 | | |

Source: Office of Agricultural Economics

Table 7: Thailand's Soybean Meal Imports

| | | | |
|---------------------|---------------|-----------|---------|
| Import Trade Matrix | | | |
| Country | Thailand | | |
| Commodity | Meal, Soybean | | |
| Time period | Jan.-Dec. | Units: | M.T. |
| Imports for: | 2000 | | 2001 |
| U.S. | 161370 | U.S. | 249617 |
| Others | | Others | |
| Argentina | 482266 | Argentina | 803742 |
| Brazil | 301666 | Brazil | 267569 |
| India | 345232 | India | 238991 |
| Belize | 19700 | Malaysia | 338 |
| Taiwan | 2000 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Total for Others | 1150864 | | 1310640 |
| Others not Listed | | | |
| Grand Total | 1312234 | | 1560257 |

Source: Customs Department

Table 9: Thailand Demand & supply Table for Fish Meal

| | | | | | | |
|------------------------|-------------|-----|--------------------|-----|--------------|-----|
| PSD Table | | | | | | |
| Country | Thailand | | | | | |
| Commodity | Meal, Fish | | (1000 MT)(PERCENT) | | | |
| | Revised2000 | | Preliminary2001 | | Forecast2002 | |
| | Old | New | Old | New | Old | New |
| Market Year Begin | 01/2000 | | 01/2001 | | 01/2002 | |
| Catch For Reduction | 0 | 0 | 0 | 0 | 0 | 0 |
| Extr. Rate, 999.9999 | ERR | ERR | ERR | ERR | ERR | ERR |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 |
| Production | 380 | 370 | 380 | 380 | 0 | 380 |
| MY Imports | 90 | 100 | 101 | 92 | 0 | 80 |
| MY Imp. from U.S. | 0 | 0 | 0 | 1 | 0 | 1 |
| MY Imp. from the EC | 0 | 2 | 0 | 5 | 0 | 2 |
| TOTAL SUPPLY | 470 | 470 | 481 | 472 | 0 | 460 |
| MY Exports | 2 | 9 | 9 | 6 | 0 | 5 |
| MY Exp. to the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Dom. Consum | 0 | 0 | 0 | 0 | 0 | 0 |
| Food Use Dom. Consump. | 0 | 0 | 0 | 0 | 0 | 0 |
| Feed Waste Dom. Consum | 468 | 461 | 472 | 466 | 0 | 455 |
| TOTAL Dom. Consumption | 468 | 461 | 472 | 466 | 0 | 455 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DISTRIBUTION | 470 | 470 | 481 | 472 | 0 | 460 |
| Calendar Year Imports | 0 | 100 | 0 | 92 | 0 | 80 |
| Calendar Yr Imp. U.S. | 0 | 0 | 0 | 1 | 0 | 1 |
| Calendar Year Exports | 0 | 2 | 0 | 5 | 0 | 2 |
| Calndr Yr Exp. to U.S. | 0 | 0 | 0 | 0 | 0 | 0 |

Table 10: Prices for Domestic Fish Meal

| | | | |
|---------------|------------|----------------------|----------|
| Prices Table | | | |
| Country | Thailand | | |
| Commodity | Meal, Fish | | |
| Prices in | US\$ | per | M.T. |
| | | | |
| Year | 2001 | 2002 | % Change |
| Jan | 447 | 488 | 9.17% |
| Feb | 467 | 535 | 14.56% |
| Mar | 467 | 536 | 14.78% |
| Apr | 471 | 515 | 9.34% |
| May | 486 | 479 | -1.44% |
| Jun | 540 | | -100.00% |
| Jul | 572 | | -100.00% |
| Aug | 504 | | -100.00% |
| Sep | 482 | | -100.00% |
| Oct | 443 | | -100.00% |
| Nov | 419 | | -100.00% |
| Dec | 427 | | -100.00% |
| | | | |
| Exchange Rate | 42.0 | Local currency/US \$ | |
| Date of Quote | 06/30/02 | | |

Source: Thai Feed Mill Association

Table 11: Thailand's Fish Meal Exports

| Export Trade Matrix | | | |
|---------------------|------------|-------------|------|
| Country | Thailand | | |
| Commodity | Meal, Fish | | |
| Time period | Jan-Dec | Units: | M.T. |
| Exports for: | 2000 | | 2001 |
| U.S. | 38 | U.S. | 51 |
| Others | | Others | |
| India | 3782 | India | 207 |
| Taiwan | 3271 | Taiwan | 2973 |
| Malaysia | 915 | Malaysia | 562 |
| China | 460 | Indonesia | 594 |
| Philippines | 260 | Philippines | 860 |
| Bangladesh | 121 | Bangladesh | 191 |
| New Zealand | 39 | New Zealand | 45 |
| Singapore | 38 | Singapore | 2 |
| | | Laos | 232 |
| | | | |
| Total for Others | 8886 | | 5666 |
| Others not Listed | 46 | | 448 |
| Grand Total | 8970 | | 6165 |

Source: Customs Department

Table 12: Thailand's Fish Meal Imports

| Import Trade Matrix | | | |
|---------------------|------------|----------|-------|
| Country | Thailand | | |
| Commodity | Meal, Fish | | |
| Time period | Jan-Dec | Units: | M.T. |
| Imports for: | 2000 | | 2001 |
| U.S. | 0 | U.S. | 1 |
| Others | | Others | |
| Peru | 90884 | Peru | 80426 |
| Chile | 4511 | Chile | 3288 |
| Denmark | 2383 | Denmark | 5180 |
| Indonesia | 572 | France | 225 |
| Japan | 515 | Japan | 1320 |
| Myanmar | 494 | Myanmar | 755 |
| Malaysia | 429 | Malaysia | 360 |
| Taiwan | 235 | Taiwan | 70 |
| Panama | 208 | S. Korea | 576 |
| | | | |
| Total for Others | 100231 | | 92200 |
| Others not Listed | 420 | | 72 |
| Grand Total | 100651 | | 92273 |

Source: Customs Department

Table 13: Thailand's Demand & Supply for Soybean Oil

| | | | | | | |
|------------------------|--------------|------|--------------------|----------|--------------|----------|
| PSD Table | | | | | | |
| Country | Thailand | | | | | |
| Commodity | Oil, Soybean | | (1000 MT)(PERCENT) | | | |
| | Revised2000 | | Preliminary2001 | | Forecast2002 | |
| | Old | New | Old | New | Old | New |
| Market Year Begin | 09/2000 | | 09/2001 | | 09/2002 | |
| Crush | 1740 | 900 | 1745 | 962 | 0 | 990 |
| Extr. Rate, 999.9999 | 0.17931 | 0.17 | 0.17937 | 0.171518 | ERR | 0.171717 |
| Beginning Stocks | 10 | 16 | 25 | 10 | 25 | 9 |
| Production | 312 | 153 | 313 | 165 | 0 | 170 |
| MY Imports | 15 | 3 | 5 | 4 | 0 | 5 |
| MY Imp. from U.S. | 0 | 1 | 0 | 1 | 0 | 1 |
| MY Imp. from the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL SUPPLY | 337 | 172 | 343 | 179 | 25 | 184 |
| MY Exports | 14 | 37 | 13 | 40 | 0 | 42 |
| MY Exp. to the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Dom. Consum | 10 | 50 | 11 | 52 | 0 | 53 |
| Food Use Dom. Consump. | 288 | 75 | 294 | 78 | 0 | 80 |
| Feed Waste Dom. Consum | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL Dom. Consumption | 298 | 125 | 305 | 130 | 0 | 133 |
| Ending Stocks | 25 | 10 | 25 | 9 | 0 | 9 |
| TOTAL DISTRIBUTION | 337 | 172 | 343 | 179 | 0 | 184 |
| Calendar Year Imports | 0 | 4 | 0 | 3 | 0 | 4 |
| Calendar Yr Imp. U.S. | 0 | 1 | 0 | 1 | 0 | 1 |
| Calendar Year Exports | 0 | 30 | 0 | 51 | 0 | 55 |
| Calndr Yr Exp. to U.S. | 0 | 0 | 0 | 0 | 0 | 0 |

Table 14: Thailand's Soybean Oil Exports

| Export Trade Matrix | | | |
|---------------------|--------------|-----------|-------|
| Country | Thailand | | |
| Commodity | Oil, Soybean | | |
| Time period | Jan.-Dec. | Units: | M.T. |
| Exports for: | 2000 | | 2001 |
| U.S. | 269 | U.S. | 250 |
| Others | | Others | |
| Vietnam | 8517 | Vietnam | 24984 |
| Hong Kong | 3352 | Hong Kong | 17552 |
| Malaysia | 3800 | Korea | 3100 |
| India | 5031 | India | 3000 |
| Myanmar | 2261 | Myanmar | 670 |
| Philippines | 3996 | Singapore | 425 |
| Laos | 148 | Laos | 311 |
| | | Cambodia | 310 |
| China | 2752 | China | 161 |
| | | | |
| Total for Others | 29857 | | 50513 |
| Others not Listed | 136 | | 49 |
| Grand Total | 30262 | | 50812 |

Source: Customs Department

Table 15: Thailand's Soybean Oil Imports

| Import Trade Matrix | | | |
|---------------------|--------------|----------------|------|
| Country | Thailand | | |
| Commodity | Oil, Soybean | | |
| Time period | Jan.-Dec. | Units: | M.T. |
| Imports for: | 2000 | | 2001 |
| U.S. | 1362 | U.S. | 652 |
| Others | | Others | |
| Taiwan | 1326 | Taiwan | 1283 |
| Korea, Rep. | 496 | Korea, Rep. | 864 |
| Japan | 14 | Korea | 240 |
| Germany | 502 | Germany | 161 |
| United Kingdom | 108 | United Kingdom | 112 |
| | | Kenya | 48 |
| S. Africa | 48 | S. Africa | 32 |
| Singapore | 148 | Singapore | 24 |
| | | | |
| | | | |
| Total for Others | 2642 | | 2764 |
| Others not Listed | 6 | | 8 |
| Grand Total | 4010 | | 3424 |

Source: Customs Department

Table 16: Thailand's Demand & Supply Table for Palm Oil

| | | | | | | |
|------------------------|-------------|-----|--------------------------------|-----|--------------|-----|
| PSD Table | | | | | | |
| Country | Thailand | | | | | |
| Commodity | Oil, Palm | | (1000 HA)(1000 TREES)(1000 MT) | | | |
| | Revised2000 | | Preliminary2001 | | Forecast2002 | |
| | Old | New | Old | New | Old | New |
| Market Year Begin | 01/2000 | | 01/2001 | | 01/2002 | |
| Area Planted | 0 | 225 | 0 | 250 | 0 | 260 |
| Area Harvested | 0 | 200 | 0 | 230 | 0 | 240 |
| Trees | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 90 | 177 | 93 | 87 | 76 | 36 |
| Production | 720 | 580 | 720 | 780 | 0 | 650 |
| MY Imports | 15 | 16 | 15 | 16 | 0 | 15 |
| MY Imp. from U.S. | 0 | 0 | 0 | 0 | 0 | 0 |
| MY Imp. from the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL SUPPLY | 825 | 773 | 828 | 883 | 76 | 701 |
| MY Exports | 99 | 116 | 75 | 297 | 0 | 120 |
| MY Exp. to the EC | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Dom. Consum | 260 | 230 | 280 | 225 | 0 | 220 |
| Food Use Dom. Consump. | 315 | 290 | 335 | 270 | 0 | 280 |
| Feed Waste Consumption | 58 | 50 | 62 | 55 | 0 | 60 |
| TOTAL Dom. Consumption | 633 | 570 | 677 | 550 | 0 | 560 |
| Ending Stocks | 93 | 87 | 76 | 36 | 0 | 21 |
| TOTAL DISTRIBUTION | 825 | 773 | 828 | 883 | 0 | 701 |
| Calendar Year Imports | 0 | 16 | 0 | 16 | 0 | 15 |
| Calendar Yr Imp. U.S. | 0 | 0 | 0 | 0 | 0 | 0 |
| Calendar Year Exports | 0 | 87 | 0 | 297 | 0 | 120 |
| Calndr Yr Exp. to U.S. | 0 | 0 | 0 | 0 | 0 | 0 |

Table17: Prices for Crude Palm Oil

| | | | |
|---------------|-----------|----------------------|----------|
| Prices Table | | | |
| Country | Thailand | | |
| Commodity | Oil, Palm | | |
| Prices in | US\$ | per | M.T. |
| | | | |
| Year | 2001 | 2002 | % Change |
| Jan | 274 | 366 | 33.58% |
| Feb | 190 | 357 | 87.89% |
| Mar | 220 | 370 | 68.18% |
| Apr | 224 | 381 | 70.09% |
| May | 228 | 370 | 62.28% |
| Jun | 253 | 395 | 56.13% |
| Jul | 303 | | -100.00% |
| Aug | 337 | | -100.00% |
| Sep | 346 | | -100.00% |
| Oct | 231 | | -100.00% |
| Nov | 332 | | -100.00% |
| Dec | 274 | | -100.00% |
| | | | |
| Exchange Rate | 42.00 | Local currency/US \$ | |
| Date of Quote | 06/30/02 | | |

Source: The Industry

Table18: Thailand's Palm Oil Exports

| | | | |
|---------------------|-----------|-----------|--------|
| Export Trade Matrix | | | |
| Country | Thailand | | |
| Commodity | Oil, Palm | | |
| Time period | Jan-Dec | Units: | M.T. |
| Exports for: | 2000 | | 2001 |
| U.S. | 0 | U.S. | 1 |
| Others | | Others | |
| Myanmar | 48028 | Myanmar | 26955 |
| India | 19340 | India | 23759 |
| Malaysia | 32414 | Malaysia | 179597 |
| U.K. | 2200 | Vietnam | 3519 |
| Laos | 1571 | Laos | 2001 |
| Cambodia | 1249 | Cambodia | 3226 |
| Indonesia | 8160 | Indonesia | 15464 |
| Iraq | 894 | Iraq | 9400 |
| China | 2199 | China | 16569 |
| | | | |
| Total for Others | 116055 | | 280490 |
| Others not Listed | 263 | | 16941 |
| Grand Total | 116318 | | 297432 |

Source: Customs Department

Table 19: Thailand's Palm Oil Imports

| | | | |
|---------------------|-----------|-----------|-------|
| Import Trade Matrix | | | |
| Country | Thailand | | |
| Commodity | Oil, Palm | | |
| Time period | Jan-Dec | Units: | M.T. |
| Imports for: | 2000 | | 2001 |
| U.S. | 1 | U.S. | 0 |
| Others | | Others | |
| Malaysia | 12849 | Malaysia | 20048 |
| Singapore | 3429 | Singapore | 2977 |
| Indonesia | 113 | Indonesia | 717 |
| Cambodia | 20 | Cambodia | 40 |
| Australia | 8 | Australia | 11 |
| Japan | 4 | Japan | 41 |
| | | | |
| | | | |
| | | | |
| Total for Others | 16423 | | 23834 |
| Others not Listed | 0 | | 112 |
| Grand Total | 16424 | | 23946 |

Source: Customs Department