

Based on the data released by the Ministry of Jihad-e-Agriculture, in 1393, major agricultural products including farming, horticultural, livestock, and fishery products were estimated at about 104.2 million tons, showing 7.5 percent increase compared with the previous year. Based on preliminary data, the value-added of the agriculture sector increased by 3.8 percent in 1393 (at constant 1383 prices).

**Table 2.1. Agricultural Products** (thousand tons)

|                        |               |                | Growth rate<br>(percent) | Share in total<br>(percent) |              |
|------------------------|---------------|----------------|--------------------------|-----------------------------|--------------|
|                        | 1392          | 1393           |                          | 1392                        | 1393         |
| Farming products       | 68,074        | 74,072         | 8.8                      | 70.3                        | 71.1         |
| Horticultural products | 15,956        | 16,520         | 3.5                      | 16.5                        | 15.9         |
| Livestock products     | 11,958        | 12,621         | 5.5                      | 12.3                        | 12.1         |
| Fishery products       | 885           | 947            | 7.1                      | 0.9                         | 0.9          |
| <b>Total</b>           | <b>96,873</b> | <b>104,161</b> | <b>7.5</b>               | <b>100.0</b>                | <b>100.0</b> |

Source: Ministry of Jihad-e-Agriculture.

According to the Ministry of Energy, in 1392/93 farming year<sup>1</sup>, total precipitation amounted to 357.2 billion cubic meters (216.7 millimeters on average by area under cultivation), showing 9.2 percent decline compared with the previous farming year

<sup>1</sup> Second half of 1392 and first half of 1393.

and 11.0 percent decrease compared with the long-term average (45 years). Furthermore, the volume of surface water flows was estimated at 42.7 billion cubic meters, indicating 12.9 percent fall compared with the previous farming year and 51.6 percent reduction compared with the long-term average.

**Table 2.2. Cumulative Precipitation** (millimeters)

| Water basins  | Farming year |              | Percentage change compared with |                              |
|---------------|--------------|--------------|---------------------------------|------------------------------|
|               | 1391/92      | 1392/93      | 1391/92 farming year            | Long-term average (45 years) |
| Caspian Sea   | 405.2        | 366.2        | -9.6                            | -13.4                        |
| Persian Gulf  | 343.6        | 327.9        | -4.6                            | -8.4                         |
| Lake Urmia    | 326.7        | 279.5        | -14.4                           | -17.0                        |
| Central basin | 162.2        | 141.0        | -13.1                           | -12.1                        |
| Hamun basin   | 110.5        | 100.1        | -9.4                            | -2.8                         |
| Sarakhs basin | 203.9        | 178.5        | -12.5                           | -17.2                        |
| <b>Iran</b>   | <b>238.6</b> | <b>216.7</b> | <b>-9.2</b>                     | <b>-11.0</b>                 |

Source: Iran Water Resources Management Company.

### Farming<sup>2</sup> and Horticultural Products

Based on the data released by the Ministry of Jihad-e-Agriculture, in 1393, about 90.6 million tons of farming and horticultural

<sup>2</sup> 1392/93 farming year, beginning as of Mehr 1392 and continuing until Shahrivar 1393, is briefly referred to as 1393 in tables and figures.

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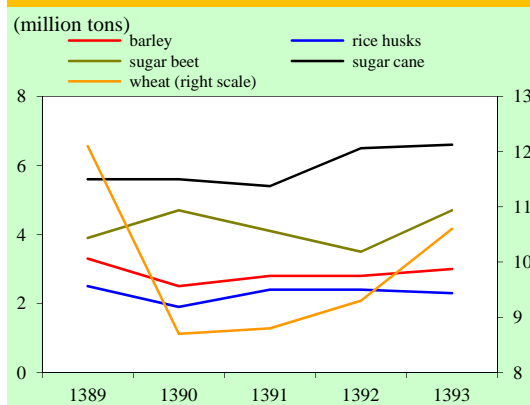
products were harvested, showing 7.8 percent increase compared with the previous year. Of total farming and horticultural products, 74.1 million tons (81.8 percent) were farming products, showing 8.8 percent increase compared with the year before. Moreover, horticultural products amounted to 16.5 million tons, indicating 3.5 percent growth.

Grain production (wheat, barley, rice husks, and corn) increased by 6.9 percent to 17.6 million tons. In 1393, production of wheat and barley rose by respectively 13.7 and 5.1 percent, while that of corn and rice fell by 10.4 and 4.2 percent compared with the year before.

In 1393, total production of agro-industrial crops<sup>1</sup> rose by 10.8 percent to 11.9 million tons. Moreover, production of sugar cane and sugar beet, with 55.5 and 39.9 percent

share among agro-industrial crops, amounted to 6.6 million tons and 4.7 million tons, respectively. Production of sugar beet experienced the highest rise among agro-industrial crops by 36.4 percent.

**Figure 2.1. Production of major farming products**



**Table 2.3. Production and Area under Cultivation of Major Farming and Horticultural Products<sup>1</sup>**

(thousand hectares-thousand tons)

|                               | 1392  |            | 1393  |            | Percentage change |            |
|-------------------------------|-------|------------|-------|------------|-------------------|------------|
|                               | Area  | Production | Area  | Production | Area              | Production |
| <b>Farming products</b>       |       |            |       |            |                   |            |
| Wheat                         | 6,400 | 9,304      | 6,061 | 10,579     | -5.3              | 13.7       |
| Barley                        | 1,635 | 2,812      | 1,713 | 2,955      | 4.8               | 5.1        |
| Rice husks                    | 565   | 2,450      | 539   | 2,347      | -4.6              | -4.2       |
| Corn                          | 290   | 1,852      | 234   | 1,659      | -19.4             | -10.4      |
| Cotton                        | 81    | 190        | 85    | 184        | 4.5               | -3.0       |
| Sugar cane                    | 87    | 6,537      | 89    | 6,589      | 2.9               | 0.8        |
| Sugar beet                    | 83    | 3,467      | 97    | 4,731      | 17.7              | 36.4       |
| Oilseeds                      | 305   | 497        | 217   | 344        | -28.9             | -30.8      |
| Tobacco                       | 9     | 19         | 11    | 19         | 14.8              | 0.6        |
| Pulses                        | 770   | 505        | 822   | 615        | 6.7               | 21.8       |
| Potatoes                      | 159   | 4,598      | 159   | 4,989      | 0.3               | 8.5        |
| Onions                        | 55    | 2,050      | 55    | 2,066      | -0.6              | 0.8        |
| <b>Horticultural products</b> |       |            |       |            |                   |            |
| Citrus fruits                 | 238   | 4,293      | 241   | 3,800      | 1.2               | -11.5      |
| Grapes                        | 273   | 2,754      | 278   | 3,050      | 1.6               | 10.8       |
| Apples                        | 198   | 3,035      | 203   | 3,398      | 2.3               | 11.9       |
| Pistachio                     | 304   | 225        | 317   | 240        | 4.1               | 6.5        |
| Tea leaves                    | 27    | 97         | 28    | 72         | 2.6               | -25.9      |

Source: Ministry of Jihad-e-Agriculture.

<sup>1</sup> Figures related to the area under cultivation of horticultural products are related to fertile lands.

<sup>1</sup> Includes cotton, sugar cane, sugar beet, oilseeds, and tobacco.

**Table 2.4. Yield of Major Farming and Horticultural Products per Unit Area of Land Cultivation<sup>1</sup>** (kilogram/hectare)

|                               | 1392   | 1393   | Percentage change |
|-------------------------------|--------|--------|-------------------|
| <b>Farming products</b>       |        |        |                   |
| Wheat                         | 1,454  | 1,745  | 20.1              |
| Barley                        | 1,720  | 1,725  | 0.3               |
| Rice husks                    | 4,336  | 4,354  | 0.4               |
| Corn                          | 6,386  | 7,101  | 11.2              |
| Cotton                        | 2,337  | 2,170  | -7.2              |
| Sugar cane                    | 75,495 | 73,962 | -2.0              |
| Sugar beet                    | 42,021 | 48,722 | 15.9              |
| Oilseeds                      | 1,628  | 1,585  | -2.7              |
| Tobacco                       | 2,033  | 1,781  | -12.4             |
| Pulses                        | 656    | 749    | 14.2              |
| Potatoes                      | 28,995 | 31,360 | 8.2               |
| Onions                        | 36,994 | 37,499 | 1.4               |
| <b>Horticultural products</b> |        |        |                   |
| Citrus fruits                 | 18,011 | 15,752 | -12.5             |
| Grapes                        | 10,071 | 10,978 | 9.0               |
| Apples                        | 15,332 | 16,769 | 9.4               |
| Pistachio                     | 740    | 757    | 2.3               |
| Tea leaves                    | 3,624  | 2,619  | -27.7             |

Source: Ministry of Jihad-e-Agriculture.

<sup>1</sup> Ratio of production to the fertile lands under cultivation.

## Livestock and Fishery Products

According to the Ministry of Jihad-e-Agriculture, total livestock products (red meat, milk, poultry, eggs, and honey) amounted to 12.6 million tons in 1393, showing a rise of 5.5 percent compared with the previous year.

**Table 2.5. Livestock Products** (thousand tons)

|              | 1392          | 1393          | Percentage change |
|--------------|---------------|---------------|-------------------|
| Red meat     | 755           | 785           | 4.0               |
| Milk         | 8,268         | 8,800         | 6.4               |
| Poultry      | 1,967         | 2,033         | 3.4               |
| Eggs         | 893           | 925           | 3.5               |
| Honey        | 75            | 78            | 4.3               |
| <b>Total</b> | <b>11,958</b> | <b>12,621</b> | <b>5.5</b>        |

Source: Ministry of Jihad-e-Agriculture.

Fishery products totaled 947 thousand tons, showing 7.1 percent growth compared with the previous year. It is to be noted that 56.6 percent of fishery products were related to the Persian Gulf, 4.2 percent to the Caspian Sea, and 39.3 percent to the aquaculture centers. The volume and value of fishery exports were 72 thousand tons and \$300 million, down by respectively 0.02 and 1.4 percent compared with the year before.

**Table 2.6. Fishery Products and Exports**

|                                   | 1392 | 1393 | Percentage change <sup>1</sup> |
|-----------------------------------|------|------|--------------------------------|
| <b>Production (thousand tons)</b> |      |      |                                |
| Persian Gulf                      | 474  | 536  | 13.1                           |
| Caspian Sea                       | 40   | 40   | -1.9                           |
| Aquaculture centers               | 371  | 372  | 0.3                            |
| <b>Exports</b>                    |      |      |                                |
| Value (million dollars)           | 304  | 300  | -1.4                           |
| Volume (thousand tons)            | 72   | 72   | *                              |

Source: Ministry of Jihad-e-Agriculture, Iran Fisheries Organization.

<sup>1</sup> Calculated based on unrounded figures.

## Guaranteed Purchase of Major Agricultural Products

The guaranteed purchase of agricultural products, aimed at producing basic agricultural goods, establishing a balanced production system, and maintaining farmers' income level, has been a government policy over the recent years. In 1392/93 farming year, the guaranteed purchase price of all farming products increased. The highest increase in the guaranteed purchase price of agricultural products was related to "kidney bean" and "lentil" by respectively 97.8 and 96.1 percent, to reach Rls. 17,800 and Rls. 20,000 per kilogram.

**Table 2.7. Guaranteed Purchase Price of Major Agricultural Products (rial/kilogram)**

|             | 1391               | 1392   | 1393   | Percentage change |
|-------------|--------------------|--------|--------|-------------------|
| Wheat       | 4,250 <sup>1</sup> | 8,000  | 10,500 | 31.3              |
| Barley      | 3,400              | 4,500  | 7,800  | 73.3              |
| Khazar rice | 17,200             | 21,000 | 27,000 | 28.6              |
| Sugar beet  | 1,050              | 1,350  | 2,100  | 55.6              |

Source: Cabinet approvals.

<sup>1</sup>Source: Government Trading Corporation of Iran (GTC).

### Subsidies

In 1393, subsidy paid on goods and services (subject of Budgetary Measure No. 520000) reached Rls. 151.8 trillion. Of this amount, a sum of Rls. 55.2 trillion was paid on agricultural goods, services, and activities, constituting 36.4 percent of total subsidy payment out of the mentioned Budgetary Measure.

### Government Investment

Based on the data released by the Ministry of Economic Affairs and Finance, in 1393, government credits for the acquisition of non-financial-national assets for the development of "agriculture and natural resources" and "water resources" amounted to Rls. 21.1 trillion, showing a decrease by 5.3 percent compared with the previous year. Therefore, 68.3 percent of total approved credits (Rls. 30.9 trillion) were realized. Credits for the acquisition of non-financial-national assets projects paid to "agriculture and natural resources" sector fell by 11.9 percent to Rls. 5.8 trillion. National expenditures for the acquisition of non-financial assets projects for the development of "water resources" amounted to Rls. 15.3 trillion, down by 2.6 percent compared with the year before.

**Table 2.8. Subsidy Payments under Budgetary Measure No. 520000 in 1393 (billion rials)**

|  | Value          | Share in total (percent) |
|--|----------------|--------------------------|
| Subsidy paid on agricultural inputs and factors of production                                    | 5,055          | 3.3                      |
| Subsidy paid on basic goods <sup>1</sup>   | 23,438         | 15.4                     |
| Payments for loss compensation related to purchase of agricultural products at guaranteed prices | 30.2           | 0.0                      |
| Assistance for the compensation of Iran Water Resources Management Company (Holding)             | 582            | 0.4                      |
| Market price differential, public entities loss compensation, and debt settlement thereof        | 682            | 0.4                      |
| Bread subsidy  | 25,448         | 16.8                     |
| Total subsidy payment to the agriculture sector  | 55,236         | 36.4                     |
| <b>Total paid subsidy</b>  | <b>151,763</b> | <b>100.0</b>             |

Source: Ministry of Economic Affairs and Finance. <sup>1</sup>Includes subsidy paid on basic goods, expenses on market supervision and regulation of agricultural, livestock, fishery, and other products; expenses on supervision of goods and services; subsidy on principal and profit, and penalty on overdue loans and facilities, and differential of profit and commission; other subsidies including exports; other debts and commitments of executive organizations; and procurement of basic goods and services.

**Table 2.9. Credits for Acquisition of Non-financial-National Assets for Development of "Agriculture and Natural Resources" and "Water Resources" (billion rials)**

|                                   |                 |                 |                   | Share (percent) |              | 1393             |                       |
|-----------------------------------|-----------------|-----------------|-------------------|-----------------|--------------|------------------|-----------------------|
|                                   | 1392            | 1393            | Percentage change | 1392            | 1393         | Value (approved) | Realization (percent) |
| Agriculture and natural resources | 6,572.1         | 5,792.8         | -11.9             | 29.5            | 27.5         | 8,059.2          | 71.9                  |
| Water resources                   | 15,702.2        | 15,291.3        | -2.6              | 70.5            | 72.5         | 22,791.5         | 67.1                  |
| <b>Total</b>                      | <b>22,274.3</b> | <b>21,084.1</b> | <b>-5.3</b>       | <b>100.0</b>    | <b>100.0</b> | <b>30,850.8</b>  | <b>68.3</b>           |

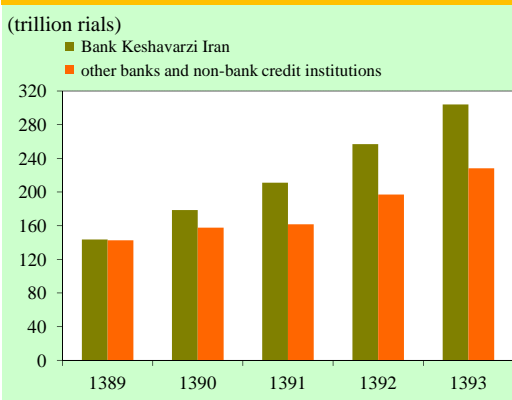
Source: Ministry of Economic Affairs and Finance, and Budget Laws for 1392 and 1393.

## Banking Facilities

Outstanding facilities extended by banks and non-bank credit institutions to public and non-public agriculture sectors grew by 17.5 percent to Rls. 537.0 trillion by end-1393. The share of non-public agriculture sector in outstanding facilities was 99.1 percent.

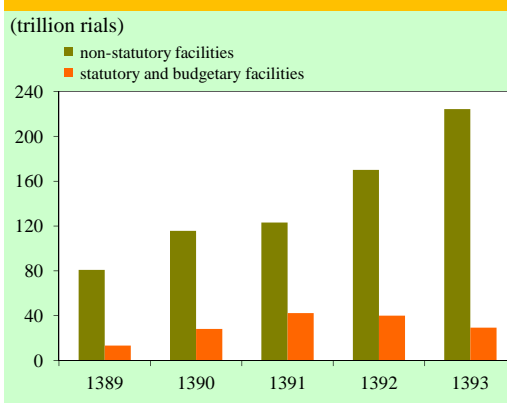
By end-1393, outstanding facilities extended by Bank Keshavarzi Iran (Agriculture Bank of Iran) to non-public agriculture sector rose by 18.4 percent to Rls. 304.1 trillion. Share of Bank Keshavarzi Iran in total outstanding facilities extended to public and non-public agriculture sectors was 56.8 percent, showing 0.3 percentage point growth compared with 1392.

**Figure 2.2. Outstanding facilities extended by banks to non-public agriculture sector**



In 1393, Bank Keshavarzi Iran paid Rls. 253.7 trillion through non-statutory and statutory facilities, administered funds, and contracts, up by 20.7 percent compared with the year before. Of total credits paid by this bank, 88.4 percent (Rls. 224.3 trillion) were from non-statutory resources, and 11.6 percent were in the form of statutory facilities, administered funds, and contracts.

**Figure 2.3. Facilities extended by Bank Keshavarzi Iran**



Composition of facilities extended by Bank Keshavarzi Iran according to Islamic contracts indicates the high share of civil partnership contracts. In 1393, a sum of Rls. 136.1 trillion was paid in the form of civil partnership contracts, constituting 53.6

**Table 2.10. Outstanding Facilities Extended by Banks and Non-bank Credit Institutions to Public and Non-public Agriculture Sectors<sup>1</sup>**

|  | Year-end     |              | Percentage change | Share (percent) |              |
|--|--------------|--------------|-------------------|-----------------|--------------|
|  | 1392         | 1393         |                   | 1392            | 1393         |
| <b>Non-public sector</b>                     | <b>453.7</b> | <b>532.1</b> | <b>17.3</b>       | <b>99.3</b>     | <b>99.1</b>  |
| Bank Keshavarzi Iran                         | 256.9        | 304.1        | 18.4              | 56.2            | 56.6         |
| Other banks and non-bank credit institutions | 196.9        | 228.1        | 15.9              | 43.1            | 42.5         |
| <b>Public sector</b>                         | <b>3.3</b>   | <b>4.9</b>   | <b>49.3</b>       | <b>0.7</b>      | <b>0.9</b>   |
| <b>Total</b>                                 | <b>457.0</b> | <b>537.0</b> | <b>17.5</b>       | <b>100.0</b>    | <b>100.0</b> |

<sup>1</sup> Excludes profit and revenue receivables.

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percent of facilities and showing 32.8 percent rise compared with last year. Composition of facilities extended by this bank by use shows that "farming and horticulture" activity, enjoying the highest share in total facilities by 32.8 percent, increased by 18.8 percent to Rls. 83.1 trillion.

### Agricultural Insurance Fund

In 1392/93 farming year, about Rls. 8.9 trillion was paid by Agricultural Insurance Fund as compensation, showing an increase of 10.6 percent compared with the previous farming year.

Since this Fund is a loss-making institution, a large proportion of its commitments on compensations are financed through government subsidies. Share of government subsidies in total paid compensation was about 68.5 percent in 1392/93 farming year, while only 31.5 percent was financed out of farmers' premium payments. Due to the government failure in timely fulfillment of its commitments, Bank Keshavarzi Iran has

continually been the body in charge of financing the deficit of the Agricultural Insurance Fund over the past years.

According to the report released by the Agricultural Insurance Fund, in 1392/93 farming year, this Fund insured 4.4 million hectares of lands under cultivation of 60 farming and horticultural products against losses from natural disasters. The area of insured land shows 6.9 percent decrease compared with the previous year. In 1393, a sum of Rls. 6.7 trillion was paid by the Fund as compensation, indicating 13.4 percent increase compared with 1392.

### Performance of Rural, Women, and Agricultural Cooperatives and Unions

According to the Central Organization for Rural Cooperatives, the number of active rural, women, and agricultural cooperatives reached 5,113 by end-1393. These cooperatives covered 5.5 million rural dwellers. This indicated 1.7 percent increase in terms of the number of cooperatives and 0.1 percent rise in terms of members.

**Table 2.11. Facilities Extended by Bank Keshavarzi Iran by Term of Repayment**

|              |              |              | Percentage change | Share (percent) |              |
|--------------|--------------|--------------|-------------------|-----------------|--------------|
|              | 1392         | 1393         |                   | 1392            | 1393         |
| Short-term   | 134.5        | 173.2        | 28.7              | 64.0            | 68.3         |
| Medium-term  | 62.8         | 65.7         | 4.6               | 29.9            | 25.9         |
| Long-term    | 12.9         | 14.8         | 14.4              | 6.1             | 5.8          |
| <b>Total</b> | <b>210.2</b> | <b>253.7</b> | <b>20.7</b>       | <b>100.0</b>    | <b>100.0</b> |

Source: Bank Keshavarzi Iran.

**Table 2.12. Performance of Agricultural Insurance Fund**

|  | Area of insured land |          |                   | Compensation (billion rials) |              |                   |
|--|----------------------|----------|-------------------|------------------------------|--------------|-------------------|
|  | 1392                 | 1393     | Percentage change | 1392                         | 1393         | Percentage change |
| Farming (thousand hectares)                  | 4,261                | 3,889    | -8.7              | 2,361                        | 2,325        | -1.6              |
| Horticulture (thousand hectares)             | 506                  | 551      | 8.8               | 3,556                        | 4,388        | 23.4              |
| Livestock (thousand)                         | 11,334               | 8,969    | -20.9             | 595                          | 746          | 25.3              |
| Poultry (million)                            | 943                  | 976      | 3.5               | 1,492                        | 1,376        | -7.7              |
| Aquaculture centers (thousand square meters) | 65,403               | 44,958   | -31.3             | 15                           | 22           | 42.6              |
| Natural resources (thousand hectares)        | 2,996                | 3,105    | 3.6               | 3                            | 15           | 378.6             |
| <b>Total</b>                                 | <b>-</b>             | <b>-</b> | <b>-</b>          | <b>8,022</b>                 | <b>8,871</b> | <b>10.6</b>       |

Source: Agricultural Insurance Fund.

By end-1393, the number of cooperative unions increased by 2.8 percent to 409 and member companies in small cities fell by 3.2 percent to reach 3,764.

**Table 2.13. Rural, Women, and Agricultural Cooperatives and Unions**

|  | 1392  | 1393  | Percentage change |
|--|-------|-------|-------------------|
| <b>Rural, women, and agricultural cooperatives</b> |       |       |                   |
| Number   | 5,027 | 5,113 | 1.7               |
| Members (thousand persons)                         | 5,457 | 5,465 | 0.1               |
| Capital (billion rials)                            | 3,419 | 3,675 | 7.5               |
| <b>Cooperative unions</b>                          |       |       |                   |
| Number   | 398   | 409   | 2.8               |
| Member companies                                   | 3,888 | 3,764 | -3.2              |
| Capital (billion rials)                            | 753   | 924   | 22.7              |

Source: Central Organization for Rural Cooperatives.

Rural cooperatives purchased about 2.7 million tons of various agricultural products at agreed prices in 1393, down by 22.8 percent compared with the year before. In 1393,

cooperatives purchased 880 thousand tons of various agricultural products at guaranteed prices.

### Exports of Agricultural Products

Based on the data released by the Ministry of Jihad-e-Agriculture, 5.5 million tons of various agricultural products, worth \$6.7 billion, were exported in 1393, indicating 33.1 and 24.7 percent increase in terms of volume (weight) and value, compared with the previous year. Exports of agricultural products accounted for 6.8 percent of volume and 18.4 percent of value of total exports through Customs. In 1393, "farming products" accounted for 55.1 percent of total agricultural exports in terms of volume, while "horticultural products", despite a lower share of 19.6 percent in the volume of agricultural exports, accounted for 41.4 percent of total value of agricultural exports.

**Table 2.14. Insured Farming and Horticultural Lands and Amount of Compensation**

|              | Area of insured land<br>(thousand hectares) |              | Percentage change | Share<br>(percent) | Compensation<br>(billion rials) |              | Percentage change | Share<br>(percent) |
|--------------|---|--------------|-------------------|--------------------|---------------------------------|--------------|-------------------|--------------------|
|              | 1392  | 1393         |                   |                    | 1392                            | 1393         |                   |                    |
| Wheat        | 2,922                                       | 2,907        | -0.5              | 65.5               | 1,546                           | 1,660        | 7.4               | 24.7               |
| Rice         | 174   | 146          | -16.4             | 3.3                | 323                             | 118          | -63.4             | 1.8                |
| Barley       | 642   | 468          | -27.1             | 10.5               | 243                             | 238          | -2.1              | 3.6                |
| Sugar beet   | 37  | 42           | 13.8              | 1.0                | 12                              | 26           | 110.0             | 0.4                |
| Colza        | 49  | 42           | -13.4             | 1.0                | 28                              | 31           | 11.0              | 0.5                |
| Pistachio    | 104   | 109          | 4.6               | 2.5                | 531                             | 641          | 20.8              | 9.5                |
| Others       | 839   | 725          | -13.6             | 16.3               | 3,234                           | 3,998        | 23.6              | 59.6               |
| <b>Total</b> | <b>4,767</b>                                | <b>4,440</b> | <b>-6.9</b>       | <b>100.0</b>       | <b>5,918</b>                    | <b>6,713</b> | <b>13.4</b>       | <b>100.0</b>       |

Source: Agricultural Insurance Fund.

**Table 2.15. Exports of Agricultural Products**

(million dollars-thousand tons)

|   | 1392         |              | 1393         |              | Percentage change      |                        |
|---|--------------|--------------|--------------|--------------|------------------------|------------------------|
|   | Value        | Volume       | Value        | Volume       | Value                  | Volume                 |
| Livestock and poultry <sup>1</sup>                                      | 356          | 118          | 620          | 215          | 74.1                   | 82.6                   |
| Fish and fishery products   | 244          | 70           | 202          | 59           | -17.1                  | -15.5                  |
| Farming products <sup>2</sup>   | 860          | 2,107        | 1,229        | 3,044        | 43.0                   | 44.5                   |
| Horticultural products  | 2,158        | 840          | 2,788        | 1,086        | 29.2                   | 29.3                   |
| Food products   | 1,788        | 1,018        | 1,901        | 1,123        | 6.3                    | 10.3                   |
| <b>Total agricultural exports</b>                                       | <b>5,406</b> | <b>4,153</b> | <b>6,740</b> | <b>5,528</b> | <b>24.7</b>            | <b>33.1</b>            |
| <b>Share of agricultural exports in total non-oil exports (percent)</b> | <b>17.1</b>  | <b>5.1</b>   | <b>18.4</b>  | <b>6.8</b>   | <b>1.3<sup>3</sup></b> | <b>1.7<sup>3</sup></b> |

Source: Ministry of Jihad-e-Agriculture.

<sup>2</sup> Includes forest and grassland products.

<sup>1</sup> Includes exports of pharmaceuticals related to the veterinary medicine.

<sup>3</sup> Changes are in percentage points.

### Imports of Agricultural Products

According to the Ministry of Jihad-e-Agriculture, approximately 22.7 million tons of various agricultural products valued at \$12.3 billion were imported, indicating 23.1 percent increase in terms of volume and 9.1 percent fall in terms of value. Imports of agricultural products accounted for 22.9 percent of value and 52.7 percent of volume of total imported products. The average value of each ton of imported agricultural products was \$542, down by 26.2 percent compared with the previous year.

Imports of wheat amounted to 7.2 million tons in 1393, representing 82.7 percent rise compared with 4.0 million tons in 1392.

A review of the developments of foreign trade shows that trade deficit of the agriculture sector decreased by 31.7 percent to \$5.6 billion in 1393.

**Table 2.17. Trade Balance<sup>1</sup> of Agricultural Products** (million dollars)

|                      | 1392         | 1393         | Percentage change |
|----------------------|--------------|--------------|-------------------|
| Imports              | 13,529       | 12,291       | -9.1              |
| Exports              | 5,406        | 6,740        | 24.7              |
| <b>Trade deficit</b> | <b>8,123</b> | <b>5,551</b> | <b>-31.7</b>      |

<sup>1</sup> Based on the classification and data of the Ministry of Jihad-e-Agriculture.

The average per ton value of exported agricultural products decreased by 6.3 percent to \$1,219 in 1393. Considering the composition of agricultural imports and exports, terms of trade of the agriculture sector increased by 26.9 percent from 1.8 in 1392 to 2.2 in 1393.

**Table 2.18. Terms of Trade for Agriculture Sector** (dollar/ton)

|                          | 1392       | 1393       | Percentage change |
|--------------------------|------------|------------|-------------------|
| Per ton value of exports | 1,302      | 1,219      | -6.3              |
| Per ton value of imports | 735        | 542        | -26.2             |
| <b>Terms of trade</b>    | <b>1.8</b> | <b>2.2</b> | <b>26.9</b>       |

**Table 2.16. Imports of Agricultural Products** (million dollars-thousand tons)

|   | 1392          |               | 1393          |               | Percentage change       |                         |
|---|---------------|---------------|---------------|---------------|-------------------------|-------------------------|
|   | Value         | Volume        | Value         | Volume        | Value                   | Volume                  |
| Livestock and poultry <sup>1</sup>                              | 724           | 158           | 547           | 108           | -24.5                   | -31.9                   |
| Fish and fishery products                                       | 98            | 39            | 167           | 62            | 70.8                    | 60.0                    |
| Farming products <sup>2</sup>                                   | 8,604         | 14,306        | 8,472         | 19,586        | -1.5                    | 36.9                    |
| Horticultural products  | 744           | 491           | 710           | 559           | -4.6                    | 13.8                    |
| Food products   | 3,359         | 3,421         | 2,396         | 2,354         | -28.7                   | -31.2                   |
| <b>Total agricultural imports</b>                               | <b>13,529</b> | <b>18,415</b> | <b>12,291</b> | <b>22,669</b> | <b>-9.1</b>             | <b>23.1</b>             |
| <b>Share of agricultural imports in total imports (percent)</b> | <b>27.2</b>   | <b>54.7</b>   | <b>22.9</b>   | <b>52.7</b>   | <b>-4.3<sup>3</sup></b> | <b>-2.0<sup>3</sup></b> |

Source: Ministry of Jihad-e-Agriculture.

<sup>1</sup> Includes imports of pharmaceuticals related to the veterinary medicine.

<sup>2</sup> Includes forest and grassland products.

<sup>3</sup> Changes are in percentage points.