

Based on the data released by the Ministry of Jihad-e-Agriculture, in 1391, major agricultural products including farming, horticultural, livestock, and fishery products were estimated at about 92.8 million tons, showing 1.3 percent increase compared with the previous year.

Based on preliminary data, the value-added of the agriculture sector increased by 3.7 percent in 1391 (at constant 1383 prices).

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

|                        |               |               | Growth rate (percent) | Share in total (percent) |              |
|------------------------|---------------|---------------|-----------------------|--------------------------|--------------|
|                        | 1390          | 1391          |                       | 1390                     | 1391         |
| Farming products       | 65,437        | 65,506        | 0.1                   | 71.4                     | 70.6         |
| Horticultural products | 14,456        | 14,903        | 3.1                   | 15.8                     | 16.1         |
| Livestock products     | 10,961        | 11,554        | 5.4                   | 12.0                     | 12.5         |
| Fishery products       | 735           | 839           | 14.1                  | 0.8                      | 0.9          |
| <b>Total</b>           | <b>91,589</b> | <b>92,802</b> | <b>1.3</b>            | <b>100.0</b>             | <b>100.0</b> |

Source: Ministry of Jihad-e-Agriculture

According to the Ministry of Energy, in 1390/91 farming year<sup>1</sup>, total precipitation amounted to 337.2 billion cubic meters (204.6 millimeters on average by area under cultivation), showing 2.8 percent increase

<sup>1</sup> Second half of 1390 and first half of 1391

compared with the previous farming year and 16.4 percent fall compared with the long-term average (43 years). Furthermore, the volume of surface water flows was estimated at 50.9 billion cubic meters, indicating 15.2 percent rise compared with the previous farming year and 43.4 percent reduction compared with the long-term average.

**Table 2.2. Cumulative Precipitation according to Water Basins** (millimeters)

|               |              |              | Percentage change compared with |                              |
|---------------|--------------|--------------|---------------------------------|------------------------------|
|               | 1390         | 1391         | 1389/90 farming year            | Long-term average (43 years) |
| Caspian Sea   | 383.0        | 515.9        | 34.7                            | 22.5                         |
| Persian Gulf  | 278.0        | 221.7        | -20.3                           | -38.8                        |
| Lake Urmia    | 294.2        | 294.0        | -0.1                            | -12.7                        |
| Central basin | 132.0        | 139.0        | 5.3                             | -13.7                        |
| Hamun basin   | 79.5         | 78.5         | -1.3                            | -24.4                        |
| Sarakhs basin | 147.4        | 244.5        | 65.9                            | 13.0                         |
| <b>Iran</b>   | <b>199.1</b> | <b>204.6</b> | <b>2.8</b>                      | <b>-16.4</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 1391, about 80.4 million tons of farming and horticultural

<sup>2</sup> 1390/91 farming year, beginning as of Mehr 1390 and continuing until Shahrivar 1391, is briefly referred to as 1391 in tables and figures.

## Chapter 2 AGRICULTURE

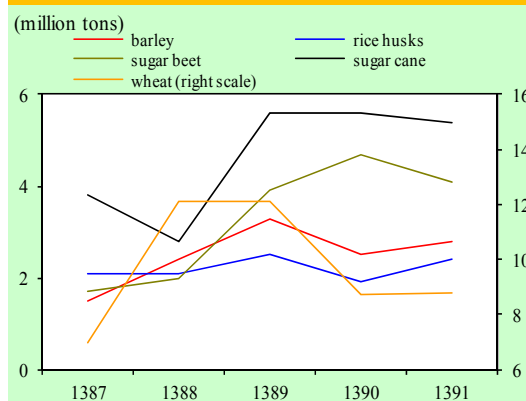
products were harvested, showing 0.6 percent increase compared with the previous year. Of total farming and horticultural products, 65.5 million tons (81.5 percent) were farming products, showing 0.1 percent increase compared with the year before. On the other hand, horticultural products amounted to 14.9 million tons, indicating 3.1 percent growth.

Grain production (wheat, barley, rice husks, and corn) increased by 4.9 percent to 15.7 million tons. In 1391, production of rice husks, barley, and wheat rose by respectively 24.7, 9.2, and 1.6 percent while corn production decreased by 5.7 percent compared with the year before.

In 1391, total production of agro-industrial crops<sup>1</sup> fell by 8.3 percent to 10.1 million tons. Moreover, production of sugar cane and sugar beet, with respectively 52.9 and 40.1

percent share among agro-industrial crops, amounted to 5.4 and 4.1 million tons, respectively. Production of oilseeds experienced the highest rise among agro-industrial crops by 13.1 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)

|                               | 1390  |             | 1391  |            | Percentage change |            |
|-------------------------------|-------|-------------|-------|------------|-------------------|------------|
|                               | Area  | Production▲ | Area  | Production | Area              | Production |
| <b>Farming products</b>       |       |             |       |            |                   |            |
| Wheat                         | 6,377 | 8,678       | 6,539 | 8,816      | 2.5               | 1.6        |
| Barley                        | 1,588 | 2,534       | 1,624 | 2,768      | 2.3               | 9.2        |
| Rice husks                    | 530   | 1,893       | 570   | 2,360      | 7.5               | 24.7       |
| Corn                          | 265   | 1,907       | 291   | 1,798      | 9.7               | -5.7       |
| Cotton                        | 117   | 271         | 125   | 210        | 6.4               | -22.5      |
| Sugar cane                    | 66    | 5,643       | 83    | 5,361      | 26.0              | -5.0       |
| Sugar beet                    | 109   | 4,703       | 96    | 4,070      | -12.0             | -13.5      |
| Oilseeds                      | 307   | 425         | 310   | 480        | 0.7               | 13.1       |
| Tobacco                       | 12    | 19          | 11    | 20         | -10.8             | 3.4        |
| Pulses                        | 632   | 421         | 734   | 462        | 16.1              | 9.7        |
| Potatoes                      | 170   | 4,708       | 181   | 5,069      | 6.5               | 7.7        |
| Onions                        | 62    | 2,173       | 55    | 1,938      | -11.2             | -10.8      |
| <b>Horticultural products</b> |       |             |       |            |                   |            |
| Citrus fruits                 | 224   | 3,865       | 232   | 4,108      | 3.7               | 6.3        |
| Grapes                        | 209   | 2,426       | 210   | 2,390      | 0.1               | -1.5       |
| Apples                        | 197   | 3,113       | 197   | 3,115      | *                 | 0.1        |
| Pistachio                     | 190   | 157         | 230   | 183        | 20.7              | 16.6       |
| Tea leaves                    | 27    | 112         | 27    | 104        | -0.8              | -7.3       |

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> Including 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>** (kilograms per hectare)

|                               | 1390▲  | 1391   | Percentage change |
|-------------------------------|--------|--------|-------------------|
| <b>Farming products</b>       |        |        |                   |
| Wheat                         | 1,361  | 1,348  | -0.9              |
| Barley                        | 1,596  | 1,704  | 6.8               |
| Rice husks                    | 3,572  | 4,140  | 15.9              |
| Corn                          | 7,196  | 6,186  | -14.0             |
| Cotton                        | 2,312  | 1,686  | -27.1             |
| Sugar cane                    | 85,567 | 64,492 | -24.6             |
| Sugar beet                    | 42,950 | 42,240 | -1.7              |
| Oilseeds                      | 1,382  | 1,551  | 12.2              |
| Tobacco                       | 1,573  | 1,822  | 15.9              |
| Pulses                        | 666    | 630    | -5.5              |
| Potatoes                      | 27,647 | 27,940 | 1.1               |
| Onions                        | 35,125 | 35,268 | 0.4               |
| <b>Horticultural products</b> |        |        |                   |
| Citrus fruits                 | 17,258 | 17,693 | 2.5               |
| Grapes                        | 11,586 | 11,398 | -1.6              |
| Apples                        | 15,779 | 15,783 | *                 |
| Pistachio                     | 825    | 797    | -3.4              |
| Tea leaves                    | 4,108  | 3,839  | -6.5              |

Source: Ministry of Jihad-e-Agriculture

<sup>1</sup> Calculated based on the ratio of production to the area 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 11.6 million tons in 1391, showing a rise of 5.4 percent compared with the previous year.

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

|              | 1390          | 1391          | Percentage change |
|--------------|---------------|---------------|-------------------|
| Red meat     | 741           | 747           | 0.8               |
| Milk         | 7,686         | 7,952         | 3.5               |
| Poultry      | 1,783         | 1,871         | 4.9               |
| Eggs         | 700           | 913           | 30.4              |
| Honey        | 51            | 71            | 40.2              |
| <b>Total</b> | <b>10,961</b> | <b>11,554</b> | <b>5.4</b>        |

Source: Ministry of Jihad-e-Agriculture

Fishery products totaled 839 thousand tons, showing 14.1 percent growth compared with the previous year. It is to be noted that 54.8 percent of fishery products were related to the Persian Gulf, 40.4 percent to the aquaculture centers, and the remaining to the Caspian Sea. The weight and value of fishery exports were 64 thousand tons and \$262 million, up by respectively 12.7 and 23.6 percent compared with the year before.

**Table 2.6. Fishery Products and Exports**

|                                   | 1390 | 1391 | Percentage change |
|-----------------------------------|------|------|-------------------|
| <b>Production (thousand tons)</b> |      |      |                   |
| Persian Gulf                      | 412  | 460  | 11.6              |
| Caspian Sea                       | 38   | 40   | 6.6               |
| Aquaculture centers               | 285  | 339  | 18.8              |
| <b>Exports</b>                    |      |      |                   |
| Value (million dollars)           | 212  | 262  | 23.6              |
| Weight (thousand tons)            | 57   | 64   | 12.7              |

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

## Guaranteed Purchase of Agricultural Products

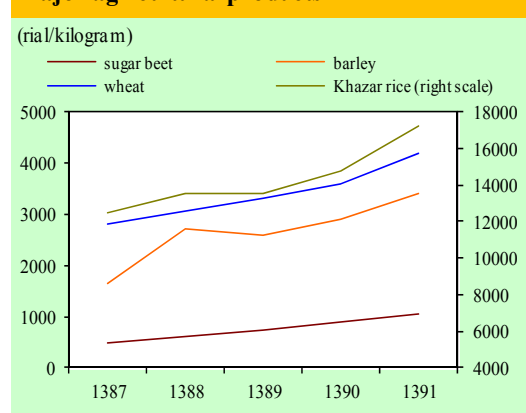
The guaranteed purchase of agricultural products continued in 1391, with the aim of producing basic agricultural products, establishing a balanced production system, and maintaining farmers' income level. In 1390/91 farming year, the guaranteed purchase price of all farming products increased. The highest increase in the guaranteed purchase price of agricultural products was related to "soya" and "barley" by respectively 27.3 and 17.2 percent, to reach Rls. 6,620 and Rls. 3,400 per kilogram, respectively.

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

|             | 1390   | 1391   | Percentage change |
|-------------|--------|--------|-------------------|
| Wheat       | 3,600  | 4,200  | 16.7              |
| Barley      | 2,900  | 3,400  | 17.2              |
| Khazar rice | 14,800 | 17,200 | 16.2              |
| Sugar beet  | 900    | 1,050  | 16.7              |

Source: Cabinet approvals

**Figure 2.2. Guaranteed purchase price of major agricultural products**



### Subsidies

In 1391, subsidy paid on goods and services (subject to Budgetary measure No. 520000) reached Rls. 114.1 trillion. Of this amount, a sum of Rls. 29.4 trillion was

paid on agricultural goods, services, and activities, constituting 25.8 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 1391, government credits for the acquisition of non-financial-national assets for the development of "agriculture and natural resources" and "water resources" amounted to Rls. 5.4 trillion, showing a decrease (as in other economic sectors) by 83.1 percent compared with the previous year. Therefore, 23.7 percent of total approved credits (Rls. 23.0 trillion) were realized.

Credits for the acquisition of non-financial-national assets projects paid to "agriculture and natural resources" sector decreased by 77.7 percent to Rls. 1.5 trillion. "Improvement of agricultural lands" had the lion's share of credits allocated to the "agriculture and natural resources" sector by 45.8 percent.

National expenditures for the acquisition of non-financial assets projects for the development of "water resources" amounted to Rls. 3.9 trillion, down by 84.6 percent compared with the year before.

**Table 2.8. Subsidy Payments under Budgetary measure No. 520000 in 1391 (billion rials)**

|   | Value            | Share in total (percent) |
|---|------------------|--------------------------|
| Agricultural inputs and factors of production   | 3,500.0          | 3.1                      |
| Basic goods and market regulation and control expenditures on agricultural, livestock, and fishery products   | 24,000.0         | 21.0                     |
| Profit and loss of guaranteed purchase of agricultural products, principle and profit of penalty on overdue loans and facilities, and difference of profit and commission | 387.1            | 0.3                      |
| Fulfilling commitments on basic goods by the Ministry of Jihad-e-Agriculture  | 8.9              | *                        |
| Assistance for the compensation of Central Organization for Rural Cooperatives  | 576.0            | 0.5                      |
| Assistance for the compensation of Iran Water Resources Management Company (Holding)  | 573.5            | 0.5                      |
| Assistance for the compensation of Agricultural Services Holding Company  | 127.8            | 0.1                      |
| Credits subject of Article 143 of the 5 <sup>th</sup> FYDP Law  | 245.4            | 0.2                      |
| <b>Total subsidy payment to the agriculture sector</b>  | <b>29,418.7</b>  | <b>25.8</b>              |
| <b>Total paid subsidy</b>   | <b>114,082.0</b> | <b>100.0</b>             |

Source: Ministry of Economic Affairs and Finance

## Banking Facilities

By the end of 1391, outstanding facilities extended by banks and non-bank credit institutions to public and non-public agriculture sectors grew by 11.9 percent to Rls. 378.5 trillion. The share of non-public sector in outstanding facilities was 98.5 percent.

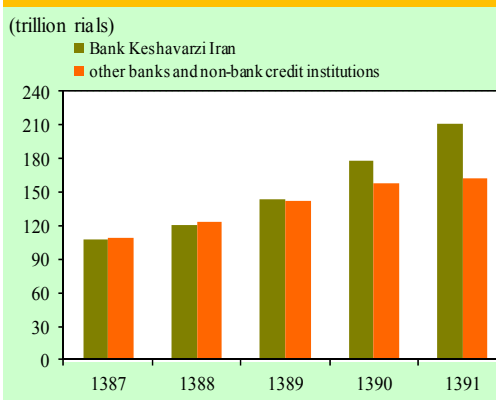
By the end of Esfand 1391, outstanding facilities extended by Bank Keshavarzi Iran (Agriculture Bank of Iran) to non-public agriculture sector increased by 18.2 percent and amounted to Rls. 211.0 trillion.

In this year, share of Bank Keshavarzi Iran in total outstanding facilities extended to public and non-public agriculture sectors increased by 4.0 percentage points to 57.1 percent compared with 1390.

In 1391, Bank Keshavarzi Iran paid Rls. 165.6 trillion to farmers through non-statutory and statutory facilities, administered funds, and contracts, up by 15.1 percent compared with the year before. Of total credits

paid by this bank, 74.4 percent (Rls. 123.2 trillion) were from non-statutory resources, and the remaining credits (25.6 percent) were in the form of statutory facilities, administered funds, and contracts. Share of non-statutory resources in total was lower than the corresponding figure of 1390 (80.4 percent).

**Figure 2.3. Outstanding facilities extended by banks to non-public agriculture sector**



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

|                                   |                 |                | Percentage change | Share (percent) |              | 1391             |                       |
|-----------------------------------|-----------------|----------------|-------------------|-----------------|--------------|------------------|-----------------------|
|                                   | 1390            | 1391           |                   | 1390            | 1391         | Value (approved) | Realization (percent) |
| Agriculture and natural resources | 6,785.6         | 1,515.2        | -77.7             | 21.0            | 27.8         | 9,780.1          | 15.5                  |
| Water resources                   | 25,524.8        | 3,933.3        | -84.6             | 79.0            | 72.2         | 13,188.7         | 29.8                  |
| <b>Total</b>                      | <b>32,310.3</b> | <b>5,448.5</b> | <b>-83.1</b>      | <b>100.0</b>    | <b>100.0</b> | <b>22,968.8</b>  | <b>23.7</b>           |

Source: Ministry of Economic Affairs and Finance, and Budget Laws for 1390 and 1391

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

|  | Year-end         |                  | Percentage change | Share (percent) |              |
|--|------------------|------------------|-------------------|-----------------|--------------|
|  | 1390             | 1391             |                   | 1390            | 1391         |
| <b>Non-public sector</b>                     | <b>336,225.0</b> | <b>372,734.7</b> | <b>10.9</b>       | <b>99.4</b>     | <b>98.5</b>  |
| Bank Keshavarzi Iran                         | 178,527.0        | 210,995.6        | 18.2              | 52.8            | 55.7         |
| Other banks and non-bank credit institutions | 157,698.0        | 161,739.1        | 2.6               | 46.6            | 42.7         |
| <b>Public sector</b>                         | <b>2,053.7</b>   | <b>5,788.6</b>   | <b>181.9</b>      | <b>0.6</b>      | <b>1.5</b>   |
| <b>Total</b>                                 | <b>338,278.7</b> | <b>378,523.3</b> | <b>11.9</b>       | <b>100.0</b>    | <b>100.0</b> |

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

## Chapter 2 AGRICULTURE

Composition of facilities extended by Bank Keshavarzi Iran according to Islamic contracts reveals that civil partnership contracts had the highest share by 47.8 percent. In this year, a sum of Rls. 79.2 trillion was paid in the form of civil partnership contracts, indicating a rise of 37.7 percent compared with last year's performance.

Composition of facilities extended by Bank Keshavarzi Iran by use indicates that credits allocated to "farming and horticulture", enjoying the highest share in total facilities by 31.3 percent, increased by 15.0 percent to Rls. 51.8 trillion.

Reviewing the facilities extended by Bank Keshavarzi Iran by term of repayment indicates that long-term facilities, with 116.5 percent increase compared with 1390, had a negligible share of 3.6 percent in total facilities extended by this bank. Conversely, short-term facilities had the highest share in 1391 by 68.5 percent.

### Agricultural Insurance Fund

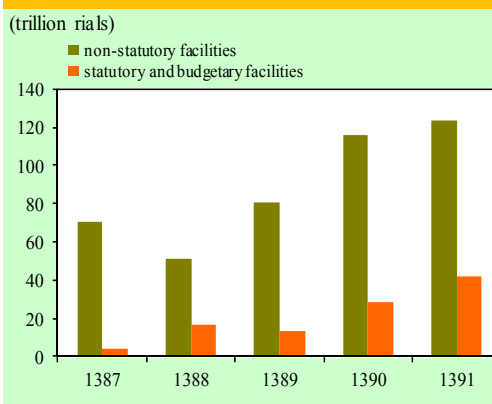
In 1390/91 farming year, about Rls. 9.5 trillion was paid by Agricultural Insurance Fund as compensation, showing a reduction of 7.4 percent compared with the previous farming year.

Due to the fact that 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 73.8 percent in 1390/91 farming year, while only 26.2 percent was financed out of farmers' premium payments. Due to the government failure in fulfilling its commitments, Bank Keshavarzi Iran has continually been the body in charge of financing the Agricultural Insurance Fund.

According to the report released by the Agricultural Insurance Fund, in 1390/91 farming year, this Fund insured 6.4 million hectares of lands under cultivation of 60 farming and horticultural products against losses from natural disasters. This shows 3.9 percent increase compared with the previous year. In 1391, a sum of Rls. 6.4 trillion was paid by the Fund as compensation. The amount of compensation indicated 11.3 percent fall in this year compared with 1390.

**Figure 2.4. Facilities extended by Bank Keshavarzi Iran**



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

|              |                  |                  | Percentage change | Share (percent) |              |
|--------------|------------------|------------------|-------------------|-----------------|--------------|
|              | 1390             | 1391             |                   | 1390            | 1391         |
| Short-term   | 91,510.7         | 113,438.3        | 24.0              | 63.6            | 68.5         |
| Medium-term  | 49,625.7         | 46,220.5         | -6.9              | 34.5            | 27.9         |
| Long-term    | 2,724.2          | 5,897.7          | 116.5             | 1.9             | 3.6          |
| <b>Total</b> | <b>143,860.6</b> | <b>165,556.4</b> | <b>15.1</b>       | <b>100.0</b>    | <b>100.0</b> |

Source: Bank Keshavarzi Iran

### 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 amounted to 5,158 by end-1391. These cooperatives covered 5.6 million rural dwellers. This indicated 0.1 percent decrease in terms of the number of cooperatives and 0.1 percent increase in terms of members, respectively.

The number of cooperative unions in small cities decreased by 8.9 percent to 407

while the number of member companies increased by 0.4 percent to 3,940 by end-1391.

In this year, rural cooperatives purchased about 87.7 thousand tons of various agricultural products at guaranteed prices, down by 55.5 percent compared with the year before. Moreover, 3.3 million tons of agricultural products were purchased at agreed prices, indicating 41.4 percent rise compared with 1390.

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

| Sectors                                      | Area of insured land |          |                   | Area of damaged land |          |                   | Compensation (billion rials) |              |                   |
|--|----------------------|----------|-------------------|----------------------|----------|-------------------|------------------------------|--------------|-------------------|
|  | 1390                 | 1391     | Percentage change | 1390                 | 1391     | Percentage change | 1390                         | 1391         | Percentage change |
| Farming (thousand hectares)                  | 5,644                | 5,869    | 4.0               | 3,816                | 3,822    | 0.2               | 4,347                        | 3,708        | -14.7             |
| Horticulture (thousand hectares)             | 496                  | 510      | 2.9               | 404                  | ..       | 0                 | 2,821                        | 2,652        | -6.0              |
| Livestock (thousand)                         | 12,773               | 11,709   | -8.3              | 716                  | 926      | 29.3              | 544                          | 912          | 67.6              |
| Poultry (million)                            | 861                  | 893      | 3.6               | 116                  | 115      | -0.8              | 2,430                        | 2,124        | -12.6             |
| Aquaculture centers (thousand square meters) | 55,171               | 74,429   | 34.9              | 9,051                | 7,250    | -19.9             | 47                           | 39           | -15.9             |
| Natural resources (thousand hectares)        | 3,014                | 3,150    | 4.5               | 1,418                | 1,504    | 6.1               | 15                           | 17           | 8.4               |
| <b>Total</b>                                 | <b>-</b>             | <b>-</b> | <b>-</b>          | <b>-</b>             | <b>-</b> | <b>-</b>          | <b>10,204</b>                | <b>9,452</b> | <b>-7.4</b>       |

Source: Agricultural Insurance Fund

**Table 2.13. Insured Farming and Horticultural Lands and Amount of Compensation**

|              | Area of insured land (thousand hectares) |              |                   |                 | Area of damaged land (thousand hectares) |           |                   |                 | Compensation (billion rials) |              |                   |                 |
|--------------|--|--------------|-------------------|-----------------|--|-----------|-------------------|-----------------|------------------------------|--------------|-------------------|-----------------|
|              | 1390                                     | 1391         | Percentage change | Share (percent) | 1390                                     | 1391      | Percentage change | Share (percent) | 1390                         | 1391         | Percentage change | Share (percent) |
| Wheat        | 4,362                                    | 4,333        | -0.7              | 67.9            | 3,050                                    | 2,877     | -5.7              | 0               | 3,232                        | 2,512        | -22.3             | 39.5            |
| Rice         | 126                                      | 154          | 21.5              | 2.4             | 74                                       | 98        | 32.7              | 0               | 319                          | 327          | 2.4               | 5.1             |
| Barley       | 669                                      | 866          | 29.5              | 13.6            | 496                                      | 612       | 23.3              | 0               | 403                          | 381          | -5.5              | 6.0             |
| Sugar beet   | 65                                       | 56           | -13.3             | 0.9             | 20                                       | 11        | -43.8             | 0               | 61                           | 30           | -51.3             | 0.5             |
| Colza        | 61                                       | 50           | -18.4             | 0.8             | 28                                       | 31        | 12.0              | 0               | 38                           | 45           | 17.5              | 0.7             |
| Pistachio    | 99                                       | 102          | 3.2               | 1.6             | 103                                      | ..        | 0                 | 0               | 419                          | 365          | -13.0             | 5.7             |
| Others       | 758                                      | 819          | 8.0               | 12.8            | 448                                      | ..        | 0                 | 0               | 2,695                        | 2,701        | 0.2               | 42.5            |
| <b>Total</b> | <b>6,140</b>                             | <b>6,379</b> | <b>3.9</b>        | <b>100.0</b>    | <b>4,220</b>                             | <b>..</b> | <b>0</b>          | <b>0</b>        | <b>7,168</b>                 | <b>6,360</b> | <b>-11.3</b>      | <b>100.0</b>    |

Source: Agricultural Insurance Fund



**Table 2.14. Rural, Women, and Agricultural Cooperatives and Unions**

|  | 1390  | 1391  | Percentage change |
|--|-------|-------|-------------------|
| <b>Rural, women, and agricultural cooperatives</b> |       |       |                   |
| Number   | 5,164 | 5,158 | -0.1              |
| Members (thousand persons)                         | 5,583 | 5,589 | 0.1               |
| Capital (billion rials)                            | 2,346 | 2,938 | 25.2              |
| Paid loan (billion rials) <sup>1</sup>             | 150   | ..    | 0                 |
| <b>Cooperative unions</b>                          |       |       |                   |
| Number   | 447   | 407   | -8.9              |
| Member companies                                   | 3,926 | 3,940 | 0.4               |
| Capital (billion rials)                            | 533   | 617   | 15.9              |
| Paid loan (billion rials) <sup>1</sup>             | 178   | ..    | 0                 |

Source: Central Organization for Rural Cooperatives

<sup>1</sup> Referring to annual performance

### Exports of Agricultural Products

Based on the data released by the Ministry of Jihad-e-Agriculture, 4.5 million tons of various agricultural products, worth \$6.0 billion, were exported in 1391, indicating 20.0 percent rise in terms of weight and 8.3

percent increase in terms of value compared with the previous year. Exports of agricultural products accounted for 6.4 percent of weight and 18.4 percent of value of total exports through Customs. In 1391, "farming and horticultural products" accounted for 72.9 percent of total agricultural exports in terms of weight, and 63.5 percent of total agricultural exports in terms of value.

### Imports of Agricultural Products

According to the Ministry of Jihad-e-Agriculture, approximately 22.1 million tons of various agricultural products valued at \$14.3 billion were imported, indicating 70.5 and 43.9 percent increase in terms of weight and value, respectively. Imports of agricultural products accounted for 26.8 percent of value and 55.9 percent of weight of total imported products. The average value of each ton of imported agricultural products was \$650, down by 15.6 percent compared with the previous year.

**Table 2.15. Exports of Agricultural Products** (million dollars-thousand tons)

|   | 1390         |              | 1391         |              | Percentage change      |                        |
|---|--------------|--------------|--------------|--------------|------------------------|------------------------|
|   | Value        | Weight       | Value        | Weight       | Value                  | Weight                 |
| Livestock and poultry <sup>1</sup>                                      | 228          | 53           | 329          | 99           | 44.0                   | 86.2                   |
| Fish and fishery products   | 207          | 55           | 25           | 5            | -88.1                  | -90.5                  |
| Farming and horticultural products                                      | 3,380        | 2,629        | 3,807        | 3,253        | 12.6                   | 23.7                   |
| Food products   | 1,715        | 981          | 1,832        | 1,105        | 6.8                    | 12.7                   |
| <b>Total agricultural exports</b>                                       | <b>5,531</b> | <b>3,718</b> | <b>5,992</b> | <b>4,463</b> | <b>8.3</b>             | <b>20.0</b>            |
| <b>Share of agricultural exports in total non-oil exports (percent)</b> | <b>16.4</b>  | <b>5.6</b>   | <b>18.4</b>  | <b>6.4</b>   | <b>2.0<sup>2</sup></b> | <b>0.8<sup>2</sup></b> |

Source: Ministry of Jihad-e-Agriculture

<sup>1</sup> Includes exports of pharmaceuticals related to the agriculture sector.

<sup>2</sup> Changes are in percentage points.

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

|   | 1390         |               | 1391          |               | Percentage change       |                         |
|---|--------------|---------------|---------------|---------------|-------------------------|-------------------------|
|   | Value        | Weight        | Value         | Weight        | Value                   | Weight                  |
| Livestock and poultry <sup>1</sup>                              | 1,109        | 237           | 920           | 179           | -17.0                   | -24.5                   |
| Fish and fishery products                                       | 61           | 56            | 60            | 43            | -1.9                    | -24.4                   |
| Farming and horticultural products                              | 5,573        | 9,806         | 9,459         | 18,296        | 69.7                    | 86.6                    |
| Food products   | 3,228        | 2,850         | 3,906         | 3,565         | 21.0                    | 25.1                    |
| <b>Total agricultural imports</b>                               | <b>9,971</b> | <b>12,949</b> | <b>14,345</b> | <b>22,082</b> | <b>43.9</b>             | <b>70.5</b>             |
| <b>Share of agricultural imports in total imports (percent)</b> | <b>16.1</b>  | <b>33.7</b>   | <b>26.8</b>   | <b>55.9</b>   | <b>10.7<sup>2</sup></b> | <b>22.2<sup>2</sup></b> |

Source: Ministry of Jihad-e-Agriculture

<sup>1</sup> Includes imports of pharmaceuticals related to the agriculture sector.

<sup>2</sup> Changes are in percentage points.



Imports of wheat amounted to 6.7 million tons in 1391, representing a remarkable rise compared with 282 thousand tons of the year before. This noticeable increase was mainly attributable to the adoption of certain market management policies aimed at maintaining adequate wheat reserves to offset the adverse effects of sanctions imposed on the Iranian economy, as well as inadequate imports in 1390, despite the reduction in wheat production.

The trade balance of the agriculture sector ran a deficit of \$8.4 billion in 1391, showing an increase of 88.1 percent compared with the previous year.

The average per ton value of exported agricultural products decreased by 9.7 percent to \$1,343 in 1391. Considering the composition of agricultural imports and exports, terms of trade of the agriculture sector reached 2.07 in 1391, down from 1.93 in 1390.

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

|                      | 1390         | 1391         | Percentage change |
|----------------------|--------------|--------------|-------------------|
| Imports              | 9,971        | 14,345       | 43.9              |
| Exports              | 5,531        | 5,992        | 8.3               |
| <b>Trade deficit</b> | <b>4,440</b> | <b>8,353</b> | <b>88.1</b>       |

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

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

|                          | 1390        | 1391        | Percentage change |
|--------------------------|-------------|-------------|-------------------|
| Per ton value of exports | 1,488       | 1,343       | -9.7              |
| Per ton value of imports | 770         | 650         | -15.6             |
| <b>Terms of trade</b>    | <b>1.93</b> | <b>2.07</b> | <b>7.0</b>        |