INSTITUTIONS AND INSTITUTIONS WHO SUPPORT THE DISTRIBUTORS IN AGRICULTURAL PRODUCTION IN TURKEY

1Gökhan Avşar and 2Dilehan Avşar
1Dron ten University of Applied Sciences The Department of International Food Chain Management, The Netherlands
2Hakkari Üniversitesi Yüksekova Meslek Yüksekokulu Bahçe Tarımı Bölümü, Hakkari

Abstract

Making the most effective use of innovation resources, reducing unemployment rate in agriculture and providing regular employment are among the important problems to be solved in Turkey. Innovation must be encouraged and supported to solve these problems. Increasing the level of consciousness and awareness of farmers increases the importance of corporate organizations that influence innovation and entrepreneurial understanding positively. Innovative farmers who do not recognize the importance of innovation and R & D are seen to be unable to make the most effective use of the support for innovative and supportive organizations, institutions and organizations that provide grants and incentives. Because they do not have enough information about the support of the above supporter bodies. This demonstrates the importance of supporting organizations in Turkey. Detailed information will be given about some of the organizations that are active in supporting of the innovative activities in Turkey, which is the aim of this study.

Key words: Farmer support, Innovation resources, Agricultural support and subsidies

1. Introduction

Factors such as the establishments and the supportive activities of farming in Turkey are accelerating the technological development in agricultural sector. In Turkey, there are Area Based Agricultural Supports, Premium Supports, Agriculture Insurance Supports, Irrigation Supports and Other Agricultural Supports. Supports such as fuel and fertilizer support per decare, certified seed use, soil analysis, support for organic and good agricultural practices, support for drought and frost disaster are included in area-based agricultural support. Product insurance for vegetable, greenhouse insurance, aquatic products, damage insurance are covered by agricultural insurance support. In order to benefit from the support, the farmers have to be registered in the CCS (farmer registration system). The amount of premium support to be provided by the state in terms of products, risks, territories and scale of enterprises is assessed annually by the council of ministers. General Directorate of Agricultural Affairs (TİGEM), Agricultural Credit Cooperatives, Soil Crops Office (TMO), Ziraat Bank, Agricultural Equipment Association of Turkey. Apart from these institutions, there are some regional organizations. Tariş, Çaykur, Çukobirlik, Gülbirlik, Fiskobirlik, Pankobirlik are some of them. These institutions are established by laws and regulations and also they can not change interest rates as they wish. In institutionalized credit resources, interest rates are generally much lower than those provided by private sources. However, institutions that providing credit to agricultural producers show considerable differences in terms of their qualifications and functions.

*Corresponding author: Address: Yüksekova Vocational school of Hakkari university, Department of Organic Farming, Hakkari University, Hakkari TURKEY. E-mail address: mesudiyeavsar@hotmail.com and dilehanavsar@hakkari.edu.tr, Phone: +90 542 4844300
1.1. Applications in Turkey

The Ministry of Food, Agriculture and Livestock has made important changes about the national agriculture project and agricultural support. In vegetable production, it has become clear which products will be supported in which districts within the scope of Basin Modeling. It has become clear that farmers will receive diesel and fertilizer support in field garden products such as fruit and vegetables, herbs and medical aromatic plants. In addition, seedlings / bedding plants, seed use, rehabilitation of olive gardens, good agriculture, organic agriculture, small family run supports are still continue. According to the National Agricultural Project, seedlings will be provided for the first time for vegetable growers this year.

2. Agricultural supportive Institutions and Bodies in Turkey

2.1. General Directorate of Agricultural Affairs (TİGEM)

It provides planning and implementations for the development of agriculture in Turkey.

2.2. Agricultural Credit Cooperatives

Agricultural Credit Cooperatives are one of the common sources of agricultural loans and supports. They provide loans for farmers for their need such as agricultural machinery, fertilizers. The objectives of agricultural credit cooperatives are to collect deposits, to provide loans, to reduce interest rates, to make proposals for credits to their shareholders, and to increase agricultural production by realizing the use of the credits in production. For this reason, agricultural credit cooperatives only give loans for agricultural production purposes. Agricultural credit cooperatives are the only organization that can best meet the credit needs of small farmers in the face of problems caused by borrowing from banks and individuals.

2.3. Turkish Grain Boards (TMO)

It ensures that the producers’ products are taken from the good price, stored and sold on the internal and external market. It is affiliated to The Turkish Ministry of Food, Agriculture and Livestock.

2.4. Ziraat Bank

It provides the loans that the producers need in order to meet and cover the expenses such as equipments, fertilizers, pesticides, seeds and labor.

2.5. Turkey Agricultural Equipment Corporation

Distributes fertilizer and seeds. It sells agricultural equipment.
3. AGRICULTURAL SUPPORTS IN TURKEY

3.1. Market Price Support

It is important that the products to be included in the support procurement are interested in the product massive producer's mass, have strategic design, depend on the price fluctuations of the production and have storable properties. When supporting prices are determined, criteria such as cost prices, stock market prices, supply demand situation, realized inflation and world prices are taken into consideration.

3.2. Credit Support

In order to improve agricultural production and increase producer welfare in planned periods in Turkey, low interest agricultural credit is given to producers. T. C. Ziraat Bank (TCZB) and Agricultural Credit Cooperatives (TKK) are offered loans to the producers with lower interest rates than the current interest rates. In addition, the Support Price Stabilization Fund (DFIF) provides loans with interest to the agricultural sector.

3.3. Fertilizer Support

In Turkey, fertilizer is supported for many years because the consumption of fertilizer per unit area does not reach the desired level.

3.4. Plant Protection and Veterinary Medicines Support

Based on the Agricultural plant protection and Agricultural Quarantine Law and the Law on Animal Health and Settlement, the state has been supported in two ways in agricultural protection. These are the fight against the state in case of illness and harm, where all the inputs are covered by the state. The second form of support in the agricultural protection is in the form of support for agricultural protection used by farmers.

3.5. Seed-Bedding Plant Support

From 1985, certified seed support has been included and later certificated bedding plants are included to this support.

3.6. Irrigation Support

In Turkey, large scale irrigation investments are made by the General Directorate of State Hydraulic Works (DSİ) and participation fees are taken from water users for investment costs. Maintenance and repair costs necessary for the operation of the facilities are also covered by DSİ. According to the DSİ Establishment Law, producers pay irrigation water, irrigation and drying, operation-maintenance, annual wage tariffs. However, this fee is below the cost, and in this way
irrigation is subsidized in agriculture. Farmers are not paying for water from public and private irrigation networks.

3.7. Diesel Support

The principles and procedures for determination of the amount of fuel support and the methods and principles of payment prepared on the basis of BKK No. 2003/5514 (Official Gazette dated 2.5.2003, numbered 25096). "BKK Implementation Communiqué on Payment of Farmers' Support for Diesel for Agricultural Activities (Communiqué No: 2003/17)". The farmers registered in the Farmer Registration System (ÇKS) are paid fuel, fertilizer and soil analysis support payments considering the size of agricultural land they have operated during the year. Food, Agriculture and Livestock must apply to the provincial directorates. In order to be able to benefit from fertilizer subsistence payment of 50 decares registered to ÇKS and each agricultural land, it is obligatory to carry out soil analysis in laboratories authorized by Ministry of Agriculture, an analysis for every 50 decare area. This condition is not required for agricultural land under 50 decares.

3.8. Support for Organic Farming Applications

Organic agriculture is a type of production that is never allowed to use chemical fertilizers and medicines in the production process. Organic Farming Support (OTD) payment is made by farmers registered in the Organic Farming Information System (OTBİS), which is organically farming according to the Organic Farming Regulation.

3.9. Support for Good Agricultural Practices

In Good Agricultural Practices, the use of chemical medicines and chemical fertilizers is applied in a way that does not harm human health and environment. Certificates of Good Agricultural Practices are not issued for products with risky chemical residues in terms of human health. Good Agricultural Practice Certificate; Food, Agriculture and Livestock is authorized by the Ministry of Special Control and certification institutions are organized by. The producers who are present in the application are given the Good Agricultural Certificate for the products whose production process is inspected by these establishments and understood to be produced in accordance with the criteria of good agricultural practices. Good Agricultural Practices; Farmers are required to submit an ITU application document with the Certificate issued by authorized organizations in addition to the application for Good Agricultural Practice Support (ITU) application. The producers who make good agricultural practices need to apply to the Provincial / District Directorates of Food, Agriculture and Livestock.
3.10. Support for Bombus Bee Usage

In case the producers registered with the greenhouse registration system (ÖKS) purchase bamboo bee colonies for policing purpose during the production season of the bamboo bees from the companies that have been granted permission to produce bamboo bees or their franchisees, support payments per colony are made. The food, agricultural and livestock province / district directorate is able to benefit from the invoice certifying the petition and colony procurement without supporting the greenhouse producers in the applicant.

3.11. Crop Production Insurance

For Registered Farmers in the Farmer Registration System;

Amount of loss caused by the risks of Hull, Storm, Hose, Fire, Earthquake, Landslide, Flood and Water Rush for all crops; The amount of loss caused by the risks of Don, Fill, Storm, Hose, Fire, Earthquake, Landslide, Flood and Flood is only insurance for fruit. 50% of the premium written in the policy will be covered by the State in the Crops Product Insurances. In frozen products, if frost coverage is provided in addition to full package coverage, only two thirds of the premiums are covered by the State in frost coverage. 25% of the premium to be paid by the insured is paid in advance; The remaining premium amount is collected within 1 month at the end of the harvest.


This type of insurance is protected by; According to the Undercover Registration System, they are the items in the greenhouse which are considered to be acceptable to the insured as a result of the risk assessment. Hull, Earthquake, Vehicle strike, storm, hose, fire, landslide, flood and flood risk, snow and full weight risks can be included in the guarantee according to risk assessment and evaluation result for greenhouse building materials, technical equipment and sericard plant products. In Greenhouse Insurances, 50% of the written premium is covered by the State. 25% of the premium to be paid by the insured is paid in advance.

3.13. Premium Supports

The premium system in Turkey has also been implemented under the name of incentive in the livestock sector. Oil seed plants (sunflower, cotton, corn, soybean, olive oil, cereals, pulses, tea, etc.) support. In the case of premium support, the presence of supply in the market and the strategic importance of the product are taken into account.

3.14. Other Agricultural Supports

Certified seed-seedling use, certified seed production, agriculture consultancy, biological fighting, AR-GE, support for depot product lease. Support for seed production is provided to real
and legal persons registered in the Farmer Registration System, which produces / produces certified seeds domestically and sells domestically.

Certified bedding plants: They are defined as seedlings planted by the farmer in order to obtain the products which are produced domestically and certified by the authorized institutions.

Certified Seedlings: Certified seedlings are produced locally and certified by authorized institutions and seedlings planted by farmers to obtain crops.

Standard bedding plants: The name is defined as seedlings whose breeding is guaranteed by the producer, produced by the breeder without the certificate of origin, controlled by the seed controller / controllers and all registration procedures are held by the applicant organization.

4. Documents Requested for Support

In general, depending on the support type;

- Application document for support,
- Farmer's Certificate to be Taken from Agricultural Chambers,
- Registration to the Related Registration System of the Ministry's

5. Producer / Breeding Registration Systems

- Farmers registration system
- Agricultural information systems
- Greenhouse registration systems
- Bee grower registration systems
- Improvement
6. Supports

Table 1. Amount of supports for 2017

<table>
<thead>
<tr>
<th>Good Agricultural Practices Supports</th>
<th>Organic Agriculture Support 100 TL/ per decare</th>
<th>Organic Livestock Support 10 TL/per bee nest</th>
<th>Diesel and Fertilizer Support 11(TL/ per decare)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruits and vegetables, 50 TL/per decare</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Greenhouse 150 TL/ per decare</td>
<td></td>
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<td></td>
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<tr>
<td>Ornamental Plants, Medical Aromatic Plants 100 TL / per decare</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table 2. Amount of supports for 2017

<table>
<thead>
<tr>
<th>Certified Bedding plant/Seedling Support for provided from domestic resource</th>
<th>(Turkish lira / per decare)</th>
<th>(Turkish lira / per decare)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Setting up a garden</td>
<td>Standart</td>
<td>With certificate</td>
</tr>
<tr>
<td>Setting up a Garden with Dwarf Fruit bedding plants</td>
<td>150</td>
<td>400</td>
</tr>
<tr>
<td>Setting up a Garden with semi Dwarf Fruit bedding plants</td>
<td>150</td>
<td>350</td>
</tr>
<tr>
<td>Setting up a Garden with Vineyard, Olive and Other Fruits bedding plants</td>
<td>100</td>
<td>280</td>
</tr>
<tr>
<td>Variety change with inoculation</td>
<td>-</td>
<td>250</td>
</tr>
<tr>
<td>As an addition to the virusess free bedding plant</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Certified Strawberry seedling</td>
<td>-</td>
<td>350</td>
</tr>
<tr>
<td>Establishing Fruit Garden with Pistachio Mother</td>
<td>100</td>
<td>280</td>
</tr>
<tr>
<td>Certified / Standard Bedding plants Usage Support for Potato wart disease fields</td>
<td>50% additional support to received support</td>
<td>50% additional support to received support</td>
</tr>
<tr>
<td>Extra Support for Industrial / Export Types of productions</td>
<td>-</td>
<td>50% additional support to received support</td>
</tr>
<tr>
<td>Rehabilitation of Traditional Olive Gardens</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

[1,2,3,4,5,6,7, 8,9,10,11,12,13,14].
REFERENCES


