

Turkey Pesticide Market By Type (Herbicides, Insecticides, Fungicides, Others), By Form (Liquid and Dry), By Product Type (Chemical and Organic), By Crop Type (Oilseeds & Pulses, Grains & Cereals, Fruits & Vegetables), By Source (Domestic and Import), By Region, Competition Forecast & Opportunities, 2018-2028F

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Abstracts

Turkey Pesticide market is expected to grow at a significant rate during the forecast period. The factors responsible for the growth of the market are rising crop production, increasing population, and surge in demand for bio-based pesticides. A pesticide is a chemical compound (such as carbamate) or a biological agent (such as a virus, bacteria, or fungus) that incapacitates, kills, or otherwise prevents pests. Non-biodegradable pesticides can take months or years to break down, whereas biodegradable pesticides get broken down into harmless molecules by bacteria and other living beings.

Since 2009, Turkey has expanded its use of agricultural pesticides to 59 thousand tons. The greatest growth was observed in Antalya, a province in the south. In the last ten years, pesticide use has climbed by 57%. According to the Environmental Indicators booklet released by the Ministry of Environment and Urbanism, the overall number of pesticides used in 2017 grew to 54.098 tons compared to 2016, an 8.08% increase.

In Turkey, fungicides are the most widely used pesticide, accounting for 44% of all usage in 2017. Their use is followed by that of insecticides (22.8%), herbicides (23.5%), acaricides (4.9%), and rodenticides (0.5%). Hence, increase in usage is estimated boom the demand for pesticides in the Turkey market.

Row crops predominated in the Turkey Pesticides Market as a result of the country's increased grain production overall. For instance, the United States Department of Agriculture (USDA) reports that Turkey produced 34.6 million metric tons of grain overall in 2020, an increase of 6.1%. Hence, the rise in overall all-grain production is fueling the growth of the market. Also, during the anticipated forecast period, Turkey's ongoing bio-based pesticide research and development is expected to boom the growth of the market throughout the forecast period. Further, rising import of pesticides in Turkey is expected to boom the market growth. Moreover, the Turkey Pesticides Market is expanding quickly due to the country's rapid use of pesticides to assure higher yield output. Also, the Ministry of Agriculture and Forestry of the Republic of Turkey produced a project plan for the creation of the National E-Agriculture Strategy, which was started and is scheduled to end on 9 June 2020 in collaboration with the Food and Agriculture Organization (FAO). This project boosted the agriculture sector in Turkey along with pesticide consumption.

Rising Crop Production to drive the growth of Turkey Pesticide Market

Turkey is one of the biggest nations in the world in terms of its agricultural lands. 15% of the country is consist of forests, while about 35.5% of it is agricultural land. As of 2016, there were around 23,7 million hectares of agricultural land. Irrigation is used on about 18.4% of the farmed land. 76% of all agricultural output is made up of vegetable products, followed by animal husbandry, with forestry and fishing contributing the least. 20% of these fields are planted with fruits and vegetables, 20% are used to grow grains, and the remaining 20% are set aside for forage plants and oleaginous seeds. The majority of vegetable goods are made from fruits and field crops, with wheat being the main crop. Turkey is a major producer of wheat, sugar beet, milk, tomatoes, barley, potatoes, grapes, maize, watermelons, and apple. Apricots, cherries, hazelnuts with shell, figs, quinces, and poppy seed are the most produced agricultural commodities by Turkey in the world. Turkey is one of the few food-self-sufficient nations in the world. Turkey's rich soil, suitable climate, and rainfall allows for the cultivation of virtually every crop. In terms of agricultural lands, Turkey is also one of the largest countries in the world. About 35.5% of the country has arable land and 15% consists of forests. Further, Turkey is a leading producer and exporter of a variety of commodities, including hazelnuts, chestnuts, apricots, cherries, figs, olives, tobacco, and tea, and the seventh-largest agricultural producer in the world. Therefore, rising crop production is expected to boost the growth of the pesticide market.

Increasing Population to fuel the growth of the Turkey Pesticide Market

Demand for food frequently rises as the population grows, which typically leads to increased use of arable land and water, leading to the rising use of pesticides. In 2021, the total population of Turkey was about 84.68 million people and by 2027 the population is expected to grow by about 90.46 million. Therefore, the rising population in Turkey is expected to increase the food demand and high crop production in the country, which in turn is driving the growth of the pesticide market in Turkey. Moreover, increasing demand for organic food in Turkey is anticipated to fuel the market expansion during the forecast years. As a result, the demand for organic pesticides is expected to supplement the growth of the market.

Side Effects of Pesticides Hamper the Growth of the Turkey Pesticide Market

Excessive pesticide use has a number of negative impacts on both the environment and the health of those who are directly or indirectly exposed to pesticides. Pesticide side effects have drawn the attention of numerous academic fields, including medicine, environmental studies, development studies, etc. Despite the expanding body of literature on the subject, one of the major issues in Turkey is the dearth of analysis based on actual data regarding farmers' perspectives. Pesticides have a negative impact on human health, causing neurological damage, endocrine disruption, infertility, developmental disorders in children, biodiversity loss by affecting bees and other living things, ecosystem damage, and pollution of water and air. As pesticides are found in high proportions in breast milk, babies' umbilical cords, and meconium, infants and young children are particularly in danger from them. For expectant mothers, they raise the risk of miscarriage and early birth, and for newborn newborns, they increase the risk of birth abnormalities, leukemia, other cancers, autism, and respiratory illnesses. As a result, Turkey has banned 13 active ingredients commonly found in pesticides, which the World Health Organization has classified as 'extremely hazardous,' and 'possibly carcinogenic'. Moreover, the Ministry of Agriculture and Forestry will adopt regulations that encourage farmers to utilize ecologically friendly and pesticide-free farming practices as well as smallholder farmers who use these practices. The Ministry of Agriculture and Forestry to take the necessary actions aiming to ban all pesticides by 2030 and to move toward pesticide-free, eco-friendly food production methods.

Market Segmentation

Turkey Pesticide Market is segmented based on type, form, product type, crop type, source, region and competitive landscape. Based on type the market is divided into Herbicides, Insecticides, Fungicides, and others. Based on form the market is

categorized into liquid and dry. Based on product type the market is segmented into chemical and organic. Based on crop type the market is divided into Oilseeds & Pulses, Grains & Cereals, and Fruits & Vegetables. Based on source the market is divided into domestic and import.

Market players

The key players in the Turkey Pesticide market include Neufarm GMBH, Biogreen Agro, DOGAL AS., MSA ILAC VE MAK SAN VE TIC LTD STI, Astranova Tarım Ticaret ve Sanayi A.Ş. – Fabrikası, Hillbatu Foreign, Menta Pesticide Industry Ltd.

Report Scope:

In this report, the Turkey Pesticide Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Turkey Pesticide Market, By Type:

Herbicides

Insecticides

Fungicides

Others

Turkey Pesticide Market, By Form:

Liquid

Dry

Turkey Pesticide Market, By Product Type

Chemical

Organic

Turkey Pesticide Market, By Crop Type

Oilseeds & Pulses

Grains & Cereals

Fruits & Vegetables

Turkey Pesticide Market, By Source

Domestic

Import

Turkey Pesticide Market, By Region

Marmara Region

Central Anatolia

Eastern Anatolia Region

South-Eastern Anatolia Region

Aegean Region

Mediterranean Region

Black Sea Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Turkey Pesticide Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the

Turkey Pesticide Market By Type (Herbicides, Insecticides, Fungicides, Others), By Form (Liquid and Dry), By P...

report:

Company Information

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