

Importance of Crop Protection Products in Indian Agriculture

Importance of Crop Protection Products in Indian Agriculture is enormous because they are believed as an important tool to increase the yield and protect the crops. The crop protection products industry in India is developing day by day and is open for innovation as well. Agriculture plays a vital role in Indian economy. 50% of the total population is connected with agriculture by many backward and forward linkages. Agriculture is contributing almost 15%-19% of the overall GDP of India. There are a lot of problems for Indian farmers like low yields per capita and falling availability of farmland. According to some researches India would need 450 million tons of grains to feed its population by the end of 2050. So to maintain the availability and minimize the post-harvest losses Crop Protection Products in Indian Agriculture are very important.

What is Crop protection?

Before continuing further here is a small introduction about crop protection. Crop protection is the methods for managing weeds, pests, insects, rodents, diseases, weather conditions, and other factors that can inhibit the growth or can play their role in minimizing the yields of vegetables, fruits, and other crops.

Benefits and importance of using crop protection products

In a country like India Importance of Crop Protection Products in Agriculture is too much. Here are some important benefits for using crop protection products like:

- Crop protection products can help farmers to get more yields from less cultivated areas.
- Pesticides are also helpful to get bountiful harvests.
- Crop protection products play an important role in keeping food affordable.
- Crop protection products reduce the risks for transmission of waterborne diseases and the diseases transmitted from insects.
- They are also helpful in maintaining the environment.
- The most important benefit of using crop protection products is that they can significantly decrease post-harvest losses.