Contribute to the Food Supply

Advance Sustainable Agriculture

As the world population grows, demand for grain is expected to nearly double between 2000 and 2050 to 3.6 billion tons. Meanwhile, the world's arable land area has barely increased, and per capita arable land area continues to decline as the population grows. In order to realize a society in which people around the world have access to food and do not starve, we recognize the promotion of sustainable agriculture as an important issue for us to address.

Achieving Sustainable Agriculture

In order to realize a society in which people around the world have sustainable access to sufficient food, the world's agriculture must be sustainable and efficient. In response to this need, we are promoting a variety of initiatives through our agriculture-related business.

Issues Surrounding Food

- Growth in food supply requirements accompanying population growth
- Decrease in arable land per capita
- Decrease yields due to climate change
- Tighter registration regulations for crop protection chemicals worldwide
- Increase in consumer demand for safety and quality

Our Actions

Crop protection chemicals

Development and launch of safe and reliable products

Biorationals

Providing naturally-derived microbial crop protection, plant growth regulators, and rhizosphere microbials as well as to the solutions that use them to protect crops from pests or improve the quality or yield of crops

Seed treatment

Insecticide and fungicide coating on seeds

Precision agriculture

Spraying using drones, soil diagnosis, etc.

Methionine

Improvement of quality and productivity of farmed animals



Expected Outcomes

Improvement of crop quality and yield per unit of crop

Improved efficiency and profitability of agricultural work

Reduction of environmental impact caused by pesticide application

Soil conservation

Increased supply by promoting growth of farmed animals

TOPIC

Leading the way in regenerative agriculture with a dual approach to biorationals and crop protection chemicals

As the movement toward a sustainable society is accelerating in all areas, the agricultural sector is rapidly building value chains based on regenerative agriculture. We believe that the appropriate use of both biorational and crop protection chemicals is desirable to realize regenerative agriculture, which aims to ensure agricultural production, food safety and security, biodiversity conservation, and achieving carbon neutrality. We will continue to focus on expanding and strengthening our regenerative agriculture-oriented portfolio to lead the world with both biorational and crop protection chemicals which we have a world-leading presence.