

Agricultural Chemicals and Agriculture-Related Business (Japan)

Top Japanese Market Share

One-Shot Herbicides for Paddy Rice

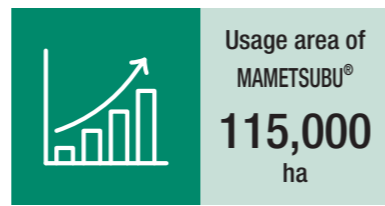
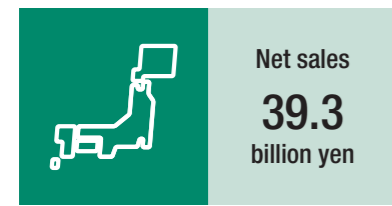
Weed control is essential in paddy rice cultivation to help rice plants grow and ensure stable yields. Through many years of research and development, Kumiai has developed a number of herbicides that effectively control weeds and have minimal impact on crops, the environment, and organisms. In the field of one-shot herbicides, which have long-lasting efficacy and are highly favored by growers, we have begun marketing mixed formulations that include several proprietary active ingredients, and have held the top share of the Japanese market for three consecutive years.



Labor-Saving Formulation

MAMETSUBU®

MAMETSUBU® is a labor-saving formulation for paddy rice that we developed independently. Whereas standard granules are 0.8 to 1.2 mm in size, MAMETSUBU® granules are 3 to 8 mm and float on the surface of water, diffusing the active ingredients throughout the paddy field. MAMETSUBU® can be applied without any need for people to enter the paddy field. As MAMETSUBU® is compatible with various application methods, it greatly contributes to labor-saving and simplified weed control, and is indispensable for sustainable agriculture. In recent years, application of MAMETSUBU® by agricultural drones and radio-controlled boats has become established, achieving further labor-saving.

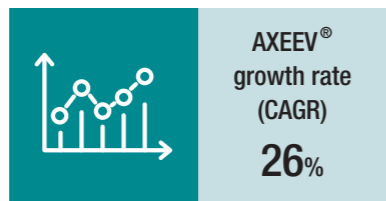
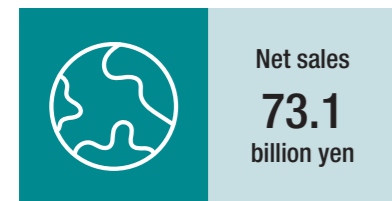


Agricultural Chemicals and Agriculture-Related Business (Overseas)

Supporting Overwhelming Growth

AXEEV®

AXEEV® is a herbicide that can be used on major crops world-wide, such as soybean, corn, wheat, and sugarcane, and is effective on a wide range of weeds ranging from grasses to small-seeded broadleaf weeds. In recent years, the emergence and spread of herbicide resistant weeds have become a major issue worldwide. Because AXEEV® is highly effective against these weed species, it is widely accepted around the world as a product to combat such herbicide resistant weeds. Since its launch in 2011, sales have grown steadily and it has become an essential product at overseas agricultural sites. It is registered as an agricultural chemical in 23 countries (as of February 2024) and sold through partner companies worldwide.



To New Markets

EFFEEDA®

EFFEEDA® is a herbicide for paddy rice sold in Japan and South Korea. Given its efficacy and safety for crops, we are promoting development with a view to its application as a field crop herbicide, such as for wheat in Europe. We have already filed an application for agricultural chemical registration with the authorities and expect registration in 2029. Europe is the world's leading wheat producing region, with 35 million hectares under cultivation (EU). By entering this huge market, we aim to maximize the application of EFFEEDA® and contribute to global food security through the supply of Kumiai Group's products.



Fine Chemicals Business

In the Fine Chemicals Business, applying the organic synthesis technology that we have cultivated over many years, we manufacture materials in upstream industries of the value chain and are engaged in custom manufacturing of fine chemical products. The following are examples of some product use cases.



Read related articles on the Company's official website.
https://www.kumiai-chem.co.jp/products/chemical_products/familiar/ (in Japanese)

