

October 3rd, 2018

**Inscalis® (Afidopyropen), a novel agricultural insecticide,  
received EPA registration in the U.S.**

Meiji Seika Pharma Co., Ltd. (Headquarters: Chuo-ku, Tokyo, President and Representative Director: Daikichiro Kobayashi, hereinafter “Meiji”) announced that BASF (Headquarters: Ludwigshafen, Germany, Chairman of the Board of Executive Directors and Chief Technology Officer: Martin Bruder Müller, hereinafter “BASF”), the licensee of a novel agricultural insecticide Inscalis® (registered trademark by BASF, ISO name: afidopyropen, development code: ME5343), received the U.S. Environmental Protection Agency (EPA) registration for its Inscalis® insecticide, which was submitted application on March 2016.

Afidopyropen was discovered through research on microbial metabolites in collaboration with Meiji and the Kitasato Institute and Doctor Satoshi Omura group, which is a totally different insecticidal active ingredient from existing insecticides with a unique chemical skeleton and its insecticidal mode of action is classified into a new subgroup, 9D, by IRAC (Insecticide Resistance Action Committee) classification.

Afidopyropen provides effective control of insect pests such as aphids, whiteflies and psyllids. At present, afidopyropen is registered for soybean, cotton and a variety of fruits and vegetables in the U.S. The insect pests damage crop yields and lower the values of harvests by piercing and sucking plants, as well as mediating plant virus diseases. Afidopyropen decreases the occurrence of plant virus disease by quick onset of action. Although the problem of resistance to existing insecticides is increasing, afidopyropen controls those insecticide-resistant pests as well. Furthermore, since afidopyropen has a minimal impact on honeybees and as its application dosage is low, it can contribute to a sustainable agriculture with less environmental burden. In the U.S., one of the largest markets for afidopyropen, two products which meet farmers’ needs for a variety of crops, are anticipated to be widely extended.

Inscalis® was launched in Australia and India in July, 2018, and BASF anticipates further registrations in Canada, Mexico, Argentina, and China. The details are referred in the press releases as below.

URL:

<https://www.basf.com/en/company/news-and-media/news-releases/2018/06/p-18-231.html>

Meiji expects to contribute to the stable production of crop and to make people's lives better by discovering and providing environmentally friendly products continuously.