Bayer: The first Phytobac in Valencia

Bayer Phytobac

This system, located on the farm Más de Moya of Agrimarba, allows the degradation of phytosanitary effluents and avoid reaching the ground or groundwater. To inaugurate this facility, Bayer and Agrimarba have organized a technical seminar.

Improve the export capacity of agricultural production, betting on a more sustainable agriculture that combines productivity and environmental care and encourage compliance with the Directive on the Sustainable Use of Pesticides (128/2009 / EC), are the three main advantages of Bayer Phytobac, the system for treating the effluents. The first of these systems in Valencia was inaugurated on the farm Over the company Moya Agrimarba (Martinavarro) has in Lliria, Valencia.

To inaugurate this facility, Bayer and Agrimarba have organized a technical conference which was attended by Dr. Patricia Chueca, researcher at the Center Agroingeniería the IVIA and Pilar Masip, responsible for operational marketing of Bayer CropScience division.

Remove the effluent to protect the environment

The Directive on the Sustainable Use of Pesticides (128/2009 / EC) and its application to the Spanish legislation, included as part of the objectives the protection of the aquatic environment and drinking water, while ensuring that agricultural activity is safe for human health and the environment. This legislation includes measures to prevent point and diffuse pollution that can cause accidentally, for example, the remains of product packaging or cleaning application equipment of these products.

Bayer Phytobac is a system that prevents any unwanted rest can reach the soil or groundwater. This system functions as a biological bed that degrades the active substances by microbial action soil. Thus, its concentration is reduced to its biological degradation closed enclosure. That is, unlike what happens with other systems, any dry residue disappears as it dissipates naturally in the bed Phytobac and thus the farmer avoids having to manage these residues later.

This purification process is done in three steps: collection of effluent in the area of ??washing equipment, transportation to regulation tank for storing effluent; and distribution to the degradation zone in which the effluent on the biologically active substrate is divided.

Bayer Phytobac is a very versatile system developed by Bayer and the French INRA and that adapts to the needs and size of farms while providing an environmental added value. At present, a total of 19 of these systems operating in Spain, mainly in citrus farms, fruit and table grapes.

In line with the requirements of international consumer

The Agrimarba farm has an area of ??110 hectares and is dedicated to integrated high quality citrus production. To achieve effective management of its phytosanitary waste, Phytobac system designed by Bayer for this operation has a size of 20 square meters and a buffer tank of 4,000 liters. Martinavarro, business group to which it belongs Agrimarba, is considered one of the leading exporters of citrus and vegetables in Valencia, with a recognized international prestige. A strength based on quality, food safety and customer service.

In this sense, increasingly, especially European, international consumers demand more environmentally friendly agricultural production with the environment. Bayer Phytobac by eliminating biologically phytosanitary residues that may remain in application equipment contributes directly to improving the export capacity of farms.

Source: Bayer