

a 2002 0234

The invention relates to the sprayers for spraying the solution of toxic chemicals and may be used in controlling the perennial plantation pests in the agriculture.

The sprayer consists of a blower sprayer, onto which there is mounted a frame with transversal beam. To the beam ends there are suspended shields-screens with bottom plates in the lower part. In each bottom plate there is placed a liquid ejector, connected with a suction pipe-line to the reservoir, and with a pumping pipe-line to the sprayer pump.

Onto the vertical part of the pumping pipe-line of each ejector, onto the shields-screens of said sprayer there are installed sprayers. The number of sprayers and their carrying capacity is regulated according to the plantation height and density.

As a result of such execution it is obtained a combined blower-boom sprayer with solution catcher, providing for the treatment of plantation rows concomitantly on both sides. Such construction improves the treatment quality, as well as permits the recovery of the solution not having reached the plantations for the subsequent use thereof.

Claims: 2

Fig.: 1