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Prevention and Control of Small Size Pests on Fruits and Vegetables in China

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Abstracts

Fruits and vegetables are important economic crops in China. But in recent years, small size pests on fruits and vegetables have caused significant losses to China's fruit and vegetable production. A consensus has been reached that it is difficult to control small size pests, which is mainly for the two reasons: On one hand, there is a lack of registered pesticides for the prevention and control of small size pests on fruits and vegetables. On the other hand, serious misuse and abuse of pesticides have led to increasingly serious pesticide resistance. In this report, nine kinds of small size pests are selected as research objects because of their serious harm to fruits and vegetables. Research objects include silverleaf whitefly, greenhouse whitefly, thrip, leaf miner, scale insect, leafhopper, red spider mite, striped flea beetle and aphid. The occurrence situation of small size pests on fruits and vegetables, the status of pesticide registration, the progress of resistance and its control measures are also analysed in this report.

At present, more and more attention has been paid to small size pests on fruits and vegetables by the government, the pesticide industry and pesticide enterprises. It's worth noting that the Summit Forum on Control of Small Size Pests with Serious Chemical Resistance on Fruits & Vegetables was hold by the committee of China Plant Protection Information Exchange & Pesticide and Sprayer Facilities Trade Fair on 23 Nov., 2017. As the first special forum of small size pests on fruits and vegetables in China, this forum was aimed at improving the control level of small size pests in China.

The report is drafted by diverse methods, such as desk research, telephone interview, network search. The data collected and compiled was variously sourced from telephone interviews, published magazines, journals, government statistics and CCM’s database, etc. Data obtained from various sources have been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible.

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SCOPE OF THE REPORT

Region scope: China
Time scope: 2017
Objects: Small size pests on fruits and vegetables

Aspects: Main small size pests and their occurrence in China, pesticide registration of small size pests on fruits and vegetables, resistance of small size pests on fruits and vegetables, measures of control on small size pests on fruits and vegetables

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