

AIRTEC AIR BOOM SPRAYERS

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Abstract

The Airtec airboom sprayer develops high wind speed through a nozzle to atomize the spray particle to a fine micron size for better coverage of the plant material. This is done by using a fan and aluminum tubing to transfer the air.

Introduction

As technology in crop spraying has changed across the country our air boom has met the demands for a more efficient spray alternative. Our air blast boom sprayers are unique in the way they optimize your coverage as compared to conventional sprayers. The air blast is very important concept of our sprayer, because it atomizes and drives the chemical down through the canopy covering the under side of the leaves from the top to the bottom of the plant. We are creating a small droplet size for more droplets per acre than a conventional sprayer, while using 40% to 50% less chemical per acre. Increased effectiveness has been shown with herbicides, insecticides, and fungicides.

History

Airtec Sprayers Inc. was founded in 1992 and is a leader in the field of airboom technology. We have manufactured and sold airboom sprayers throughout the United States. We also have an exclusive agreement with Ag-Chem Equipment Co. , Inc. for mounting Airtec Air Booms on their self-propelled RoGators . We have models available in 3 point units to 1200 gallon trailer sprayers with booms as long as 110 feet.

Applications

The types of crops now being sprayed with our sprayer are; stake tomatoes, potatoes, sweet corn, cucumbers, melons, cotton, peppers, cabbage, wheat, field corn, soybeans, snap beans, and many other crops.