

Discover how Ecorobotix is revolutionizing precision agriculture with AI-driven field sprayers. Cut costs, boost yields, and farm smarter with precision ag technology.

In this paper, the LiDAR detection system and variable-rate application system were integrated with a lightweight high-clearance self-propelled sprayer.

The invention provides a dual-use high efficiency plant protection spraying machine, belonging to the field of plant protection machinery; and the spraying machine can meet the field...

The combination of agricultural plant protection vehicle and electrostatic spray technology may solve the problems of spraying efficiency, droplet adsorption rate and evenness.

Different types of nozzles are outlined and factors for selecting the proper nozzles are explained. Safety precautions for operating plant protection equipment are also reviewed to prevent operator exposure ...

Advantages of Tracked Wind-Assisted Plant Protection Machines: 1. Powerful Airflow: Wind-assisted spraying ensures fine mist particles reach plants evenly, maximizing pesticide efficiency.

Our 15kW (20HP) or 30kW (40HP) electrical frost fans may be powered by 3-phase grid power or a diesel generator. Our wind machines feature a specialised blade design that provide for leading in ...

Traditional sprayers often struggle with penetration and drift, leaving some areas untreated while wasting chemicals in others. Our new prototype moves beyond these limitations. It's ...

Our company's main products include orchard sprayers, walking tractors, rotary tillers, returning machines, etc. Our products have relevant quality certifications, 3C certifications, patents, and other ...

This study focuses on the characterization of aerosol droplets of PPPs produced by spraying a chemical marker, fluorescein, with an orchard airblast sprayer equipped with conventional ...

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