

ELECTROSTATIC SPRAYER

USER MANUAL



Product' s Highlights

1. Fine atomization.
The diameter of the nozzle of the electrostatic sprayer is relatively thin, and the mist sprayed is 4 times thinner than the conventional sprayer. The spray is fine, so as to achieve the effect of saving pesticides.
2. Strong adsorption.
When the electrostatic sprayer is working, the electrostatic spray and the crop form an electric field. The pesticide in the spray is attracted to the electrostatic attraction of the crop and attached to the crop, thereby achieving better pest killing effect.
(NOTE: the front and back of the crop can both absorb pesticides.)
3. High efficiency.
The electrostatic sprayer liquid is not easy to slip down, and can form a film on the front and back sides of the crop, which not only greatly saves the amount of pesticide spray, but also improves the spray efficiency and greatly improves the insecticide rate.
(NOTE: use it quickly and gently spray it once, no need to spray repeatedly on crops. If it is sprayed repeatedly to the drug, it will be counterproductive and the insecticidal efficiency will be greatly reduced).

Operation Instructions

1. Installation.
Take out the sprayer, insert the O-ring and gasket into the groove of the handle switch port, and connect the length to the handle. Select the appropriate nozzle to mount to the length, finally please remember to tighten and inspect the nozzle.
2. Test spray.
Open the cap of sprayer, add an appropriate amount of water into the tank, open the power switch at the handle, and test for half a minute. Please kindly check if the joints are tightly sealed, spray and pressure are normal. If no abnormality, turn on the static switch on the left and start using it.
3. Charging.
Plug the charger into the charging hole of the base first, then plug it into the 110V power socket according to the specification of your battery. At this time, the charging indicator is "red". When the indicator light turns "green", it indicates that charging is complete.
(NOTE: the charging time can be up and down according to the battery power, usually 10-12 hours.)
4. Product Maintenance suggestions.
When in leisure season or idle the product, it must be recharged every two months to extend battery life.

Safety Information

1. The electrostatic sprayer is safe, and even if it is accidentally touched and even have a tingling sensation, but never worry about that, it will not cause any harm to the human body.
2. The electrostatic switch is located on the left side of the base and also a switch of controlling the electrostatic function. The electrostatic switch must be activated before the power switch at the handle is turned on. When the electrostatic switch is turned on, you must touch the copper strip at the handle at the same time.
(NOTE: if you want to test the electrostatic, it' s absolutely ok to use a common electric pen to check if the water in the tank is charged.)
3. Please do not touch the nozzle parts by hand directly. After shutting down, the nozzle should be in contact with the crop or the ground to eliminate residual static electricity.
4. Please use the matching length (NOTE: metal switches and length cannot be used, or it will have a risk to occur the electric shock).
5. When the length needs to be exchanged between the two hands during operation, the hands should not leave the copper strip at the handle, otherwise electric shock may occur.
6. Please do not let the nozzle directly touch the crop when spraying.
7. It is not advisable to use static electricity in an environment with high humidity such as foggy or rainy days. And please never use static electricity during lightning weather.

Failure and Solution

Problem	Cause	Solution
Can't be started Or suddenly stop in working.	1) The battery is out of power or poor connection. 2) Current operated protector break contact as the machine is too heat.	1) Check the lines fix the plug correctly. 2) Don't use it until the electric equipment cools down.
The liquid can't spray out through the nozzle or the pressure is unstable	1) Holes of the nozzle was blocked 2) Air in tube somewhere 3) A blockage in the water pump somewhere 4) Water suction tube was broken	1) Dismantle off and wash the nozzle. 2) Check the tube to find the leaking place, screw tightly to expel the air 3) Dismantle off the water pump's cover and clean it. 4) Replace the tube
Low Pressure	1) Filter net in the tank mouth or in the spraying switch is blocked. 2) Battery is out of power	1) Washing filter net 2) Charging up the battery
Joint is leaking	1) The joint hasn't been screwed tightly 2) Rubber seal is broken	1) Tighten the screw 2) Replace the rubber seal
Not spray well and properly	1) Nozzle is blocked 2) The core of nozzle is broken	1) Remove foreign substance 2) Replace the core