

Solar Photo-voltaic Duster



Purpose

Plant protection in agriculture field

Features

- A handy solar equipment for insecticides/ pesticides application
- ♦ Capacity 0.75 ha hr⁻¹, weight 6.5 kg
- Components: Photovoltaic (20 Wp PV) panel, carrier, maintenance free storage battery, compatible duster, illumination kit
- Useful for plant protection in agriculture, provides shade to the user
- Prevention of harmful effects caused by dusting insecticide powder manually
- Prevention of crop diseases
- ❖ Eco-friendly device
- Domestic illumination during night

Capacity and approx. cost per unit

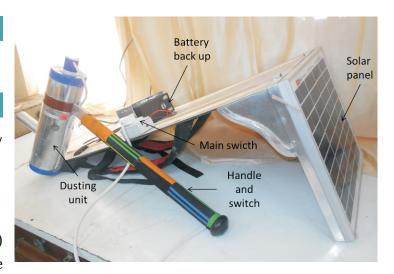
- Field capacity 0.075 ha h⁻¹
- * Rs. 8000/-

Energy saving/year (MJ)

12.0 kWh ha⁻¹ year⁻¹ by using solar PV duster

Reduction in GHG emission

♦ 10 kg CO₂e per year









CAZRI Factsheet: 2021