

Spraydome

Shielded sprayer for weed control in bush crops, plantations and amenity areas



Image courtesy of James Hurton Institute

Spraydome shielded sprayers provide a safe, efficient and economical method of treating weeds round the base of mature bush crops and trees, as well as in amenity areas and other situations where a complete barrier to the spray is required.

- Shielded technology minimises spray drift
- Various diameters available to suit most applications
- The rolling breakaway system protects plants from damage
- Traditional hydraulic pressure nozzle or CDA (Controlled Droplet Application) atomiser option
- Up to 90% water savings when using CDA atomisers
- Can be ATV, UTV or tractor mounted

Versatile shielded sprayers for plantations, soft fruit and amenity

Incorporating a flexible plastic dome to fully contain the spray, Spraydome is ideal for applications where chemical contact with the crop is not desired – for example, treating weeds round the base of mature blackcurrants, blueberries, raspberries and other high value crops. In addition to providing a physical barrier to the spray, the Spraydome's hard wearing shields offer durability and longevity in application and make the sprayer particularly suited for more demanding spraying tasks including weed control round mature olive trees, citrus fruit and almonds, as well as amenity areas such as fence lines, footpaths and along buildings. The sprayer can also be used for field margin demarcation and agricultural trial plots.

Economic and effective weed control

The Spraydome range incorporates either traditional hydraulic pressure nozzles (HiFlo models) or Micron CDA (Controlled Droplet Application) technology which offers users a host of economical and environmental benefits. All Spraydome CDA models incorporate rotary atomisers which allow low pressure, low volume application with uniform droplet sizes. The droplets land directly onto the target area and dry quickly.

As well as a highly targeted operation, CDA application delivers significant cost savings in terms of liquid usage and time required to spray a given area.

The Spraydome CDA units feature Micron's control system which monitors the flow of each individual spray head for maximum performance. The system includes a light indicator to check the

correct operation of each CDA atomiser.

The units are designed to be operated at speeds in the range of 4 – 10 kph.

Excellent plant protection by design

Spraydome features a shielded design to minimise the risk of spray drift, enabling spraying to be carried out in as wide a range of weather conditions as possible. It also makes it particularly suited for those applications where it is absolutely critical to prevent spray contamination of the crop or the surrounding area.

Spraydome is fitted with a breakaway system that gently rolls the shield around the plant stems, fence lines and other objects protecting them from mechanical and chemical damage.



Specification

Model:	Nominal Spray Width	Typical Application Rates	Total Weight
Spraydome 400 HiFlo	400mm	100 – 500 l/ha	17kg
Spraydome 400 CDA	400mm	20 – 80 l/ha	17kg
Spraydome 600 HiFlo	600mm	100 – 500 l/ha	18kg
Spraydome 600 CDA	600mm	20 – 80 lph	18kg
Spraydome 1000 HiFlo	1000mm	100 – 500 l/ha	26kg
Spraydome 1000 CDA	1000mm	20 – 50 l/ha	26kg
Spraydome 1200 HiFlo	1200mm	100 – 500 l/ha	36kg
Spraydome 1200 CDA	1200mm	20 – 40 l/ha	36kg



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