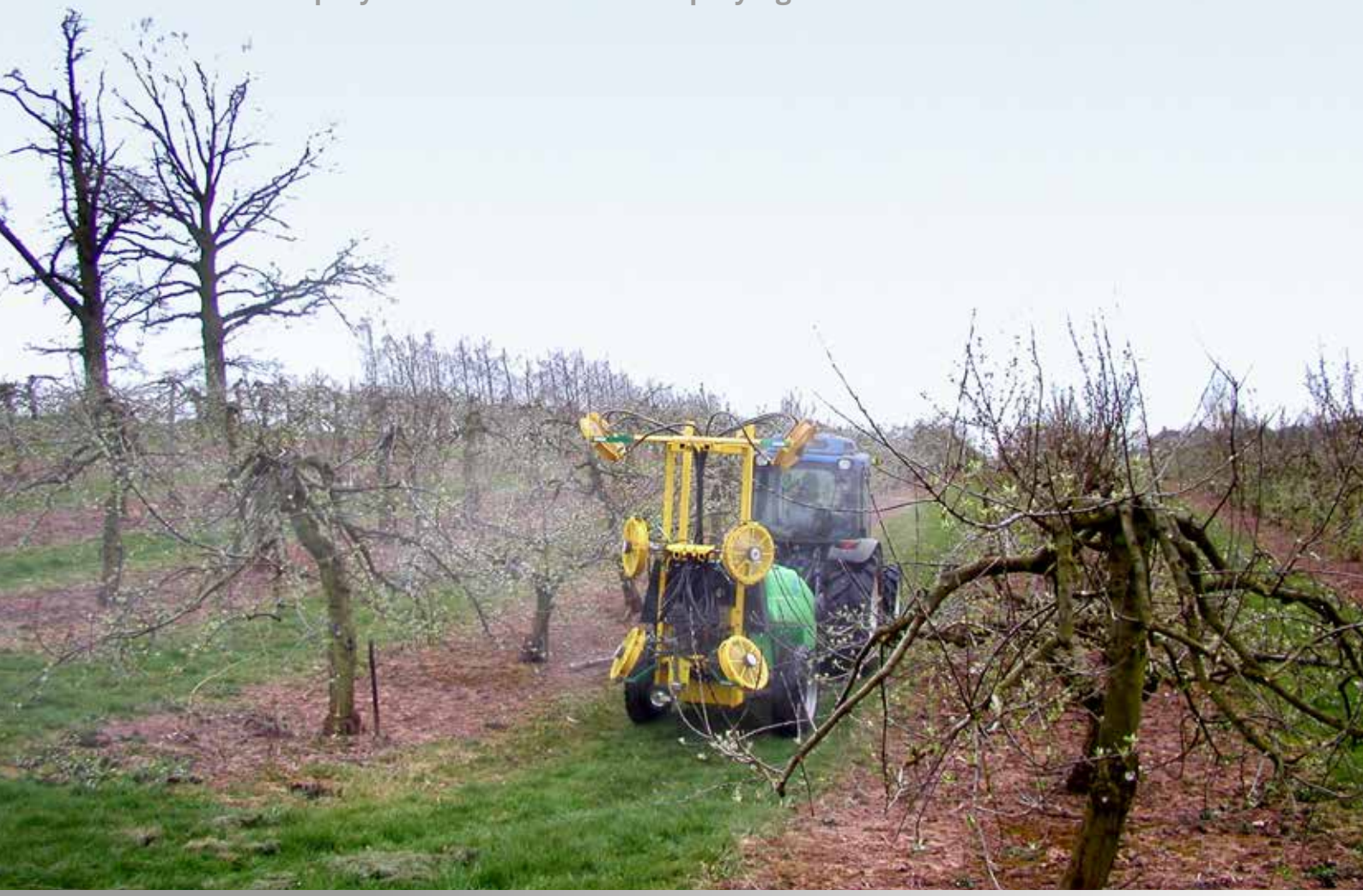
MICRON

# Turbofan

## Air-assisted spray head for low volume spraying



The Turbofan spray head is a hydraulically driven air-assisted CDA atomiser which provides effective spray coverage in a wide range of situations where good canopy penetration is required, including bush, vine and field crops.

- Ultra low, low and high volume capability
- CDA technology enables lower spray volumes to be used
- Reduced risk of spray drift
- Increased efficiency and productivity
- Directional airblast ensures good canopy coverage

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## Advanced technology for productive spraying

The Turbofan spray head is a hydraulically driven air-assisted atomiser which combines advanced CDA (Controlled Droplet Application) technology with a powerful directed airblast for effective spray application in a wide variety of crops. It is particularly suitable for use in vineyards and bush and field crops which require good spray coverage and canopy penetration for effective pest and disease control.

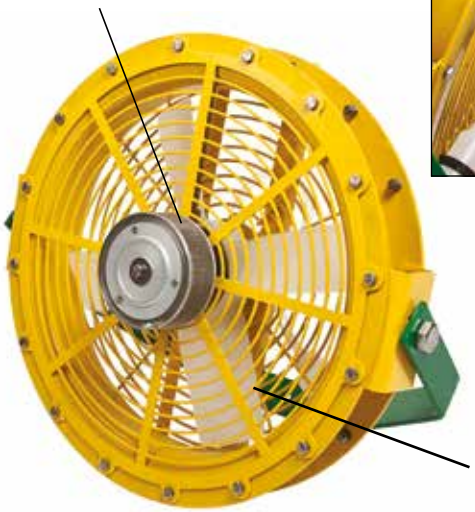
The improved coverage obtained from the Controlled Droplet Application (CDA) means that significantly lower spray volumes can be used which consequently increases efficiency and productivity.

Turbofan heads can be fitted to a variety of existing sprayer types, including tractor-mounted and self-propelled boom sprayers.

Each unit features a gauze mesh atomiser which offers optimal atomisation over a wide range of flow rates between 0.25 and 8.0 litres per minute. This gives users the versatility to apply chemicals at application rates from ultra low (ULV) to high volumes.

The directed airblast ensures maximum placement of spray in the canopy while minimising the risk of spray drift.

Rotary atomiser for good control over droplet size



Hydraulic motor drive

Axial fan for powerful airblast

## Specification

| | |
|---|---|
| **Length:** | 35 cm (with mounting bracket) |
| **Diameter:** | 45 cm |
| **Weight:** | 8.1 kg (with mounting bracket) |
| **Hydraulic requirement:** | 10 l/min at 95 bar |
| **Chemical flow:** | 0.25-8 l/min |
| **Rotational speed:** | 4000 - 5000 rpm |
| **Droplet size:** | 100 - 120 $\mu$m (VMD) |
| **Air flow (at 0.4 m):** | 98 $m^3$/min/head |
| **Air velocity (at 0.4 m):** | 18 m/s |

Distributed by

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