

Many growers have found air induction nozzles tend to block up too often when running on legs below the crop canopy. Finding a nozzle that produces a Very Coarse (VC) droplet spectrum (so that 2,4-D products can be used through Irvin spray bars) has been difficult until now.

ARAG® manufacture the CFLD-XC nozzle that is suited for Irvin legs (and flat booms) and can be used from 3 to 5 bar while being compliant for all 2,4-D products.

The advantages of these nozzles include:

- Non-air inducted means they are less likely to block up
- Producing an Extra Coarse (XC) to Very Coarse (VC) droplet means less driftable fines and less potential cane burn with paraquat, compared with common flat fan nozzles
- Low driftable fines allows them to be used in a broader range of wind conditions
- One of the cheapest conversion options for 2,4-D compliance for Irvin bars.

Some points to note: these nozzles are slightly longer than a standard flat fan nozzle, therefore they may be slightly more susceptible to breakage in a dense cane crop. Also, to maintain fan angle, they need to be run at a higher pressure than conventional pre-orifice nozzles – at least 3 bar. This increase in pressure will obviously mean a higher water rate, so to maintain your current water rate and speed you may need to select nozzles that are a size smaller or increase ground speed to accommodate. Consult one of our spray experts for support with nozzle selection. 🌿

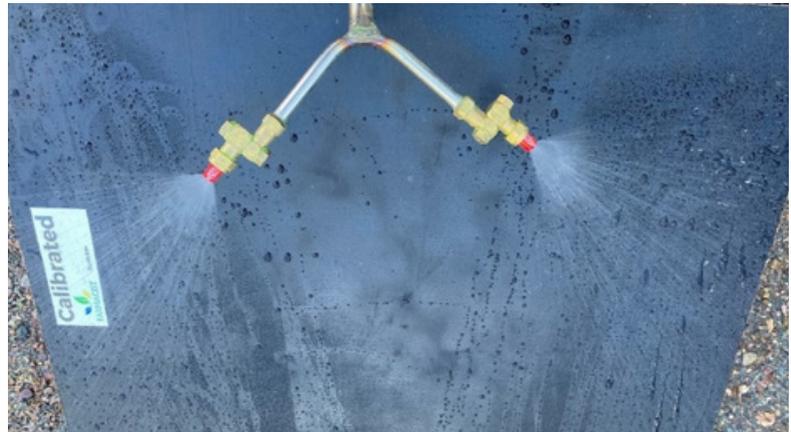


Figure 1 (above): A CFLD-XC 04 nozzle running at 2 bar – extra coarse droplets minimise drift.

Figure 2 (below): The CFLD-XC nozzle is non air inducted.



You can find these nozzles online or they are available at mates rates through Farmacist's Project Bluewater. Contact Adam Keilbach on 0409 260 223 (Mackay) or Mika Rowston on 0429 165 046 (Burdekin).



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