

# ■ VeriVolume Nozzle

SprayTarget

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The VeriVolume Nozzle is designed for high-volume applications of crop protection materials and fertilizers. The nozzle is capable of controlling flow rate and maintaining proper spray coverage and droplet size over a wide range of flow rates. The nozzle comprises a flexible spray tip that is automatically and appropriately deformed by a flexible metering assembly in response to changes in liquid pressure. Flow rate of the nozzle is variable from 5.6 to 45.4 Lpm (1.5 to 12 gpm) as pressure varies from 103 to 310 kPs (15 to 45 psi). Droplet size is extremely coarse. Spray angle is 140° and constant over the flow rate range. The nozzle includes flexible and large orifices, allowing significant reduction in nozzle plugging. The nozzle is adaptable to conventional spraying systems and compatible to GPS/GIS.

