



RADIARC® Sprayer Applications

The RADIARC® Sprayer is a precision, boomless application device which applies pesticides and plant growth regulators in a uniform pattern while providing excellent drift control with accurate low-volume application.

Nozzle orifices of various sizes produce uniform droplets from 1000 to 5000 micrometers (microns) in size. Depending on the choice of nozzle orifice, swath width, spray pressure, speed, and position, the RADIARC® sprayer can apply volumes of 5 to 125 gallons per acre or more on swath widths of 5 to 40 feet, with accuracy and uniform spray deposition across the swath.



The RADIARC® sprayer may be mounted on the side of the spray vehicle to apply weed or brush control sprays to roadsides, ditchbanks, or railroad rights-of-way, or mounted facing the rear to apply a full width swath to forest plantations, pastures, or utility rights-of-way.

When spraying roadside brush, the RADIARC® Sprayer is usually mounted on the spray heads in a vertical position to provide uniform coverage on tall or short vegetation. The Swivel-Mount or the Vertical Actuator make it easy to rotate the RADIARC® into any desired position.



Calibration, flow rate, and suggested nozzle patterns for various RADIARC® uses are available on the **WSI Field Observation Notes** as follows:

- #1. Horizontal patterns for forestry and rights-of-way.
- #2. Volume, orifice and droplet size relationships.
- #3. Vertical patterns for roadside weeds and brush.
- #4. Patterns for highway guiderails.
- #5. Calibration and flow rate charts.

(This information is available on request or by accessing our website.)

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- ◆ ***Brush Control on Rights-of-Way***
- ◆ ***Railroad Vegetation Management***
- ◆ ***Forest site preparation & release***
- ◆ ***Roadside brush and weeds***
- ◆ ***Aquatic weed management***
- ◆ ***Ditchbank weeds and brush***
- ◆ ***Turf and landscape management***
- ◆ ***Rangeland and pastures***