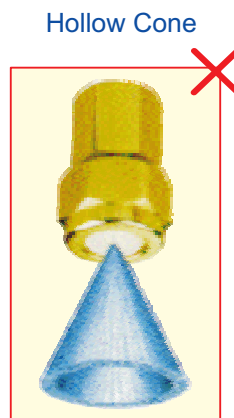
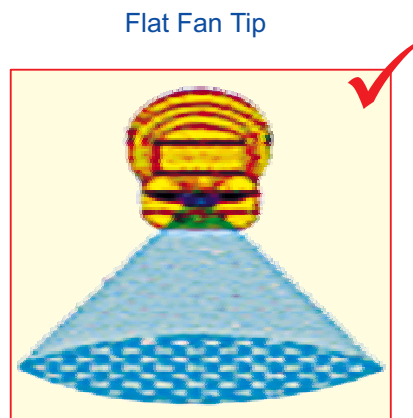
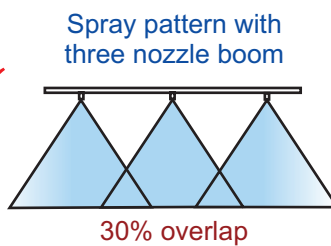
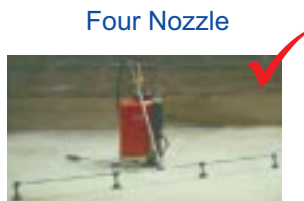


Spray techniques - Tips for improving accuracy and efficiency

1. Use only flat fan nozzles for uniformity in spray swath

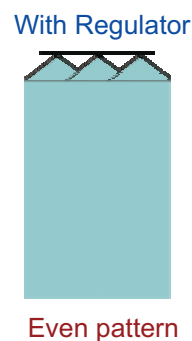
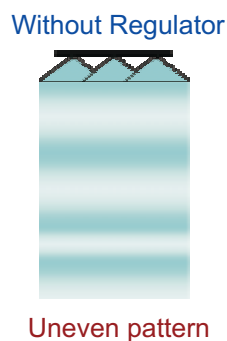


2. Use multiple-nozzle booms



- Effective spray swath = number of nozzles x space between nozzles
- All tips on boom should have same angle and matching volume output. (Eg. 80°/700 ml/min, 110°/900 ml/min.)
- All nozzle tips must be aligned horizontally to give widest spray swath.
- Check spray pattern and output of all tips using water.

3. Use pressure regulators to increase accuracy and uniformity



- Constant flow valves are attached to a lance or boom line directly before the nozzles.
- A single 1.5 bar regulator will control 1-3 nozzles.
- Constant flow regulator will help eliminate incorrect applications.

4. Hold boom 45-50 cm above the target

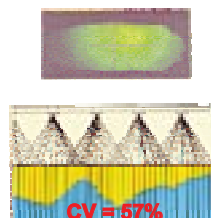


Boom held too low leaves untreated strips

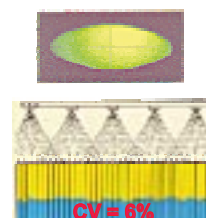
- For pre-emergence herbicide applications the target is the soil.
- For post-emergence applications the target is the top of the plant.

5. Avoid using worn-out or damaged nozzle tips

Damaged Nozzle



Good Nozzle



- Strainers must be used to filter out particles that can clog the nozzle tip.
- Damaged nozzle tips will have an erratic output and must be replaced.
- Clean nozzle only with water and a soft brush (old tooth brush).
- Do not use sharp objects.
- Among plastic, brass and stainless steel nozzle tips, stainless steel will have the longest life.