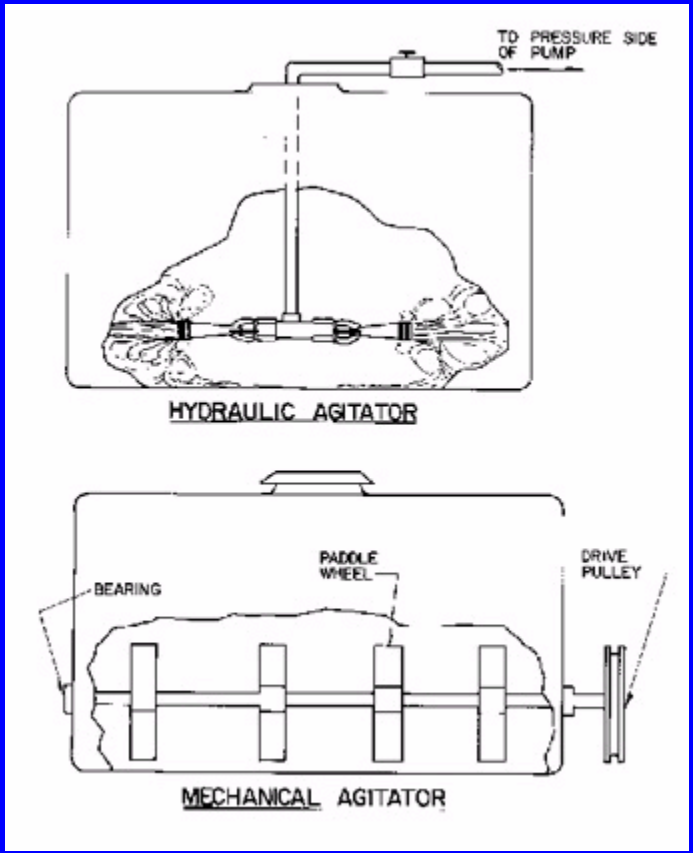
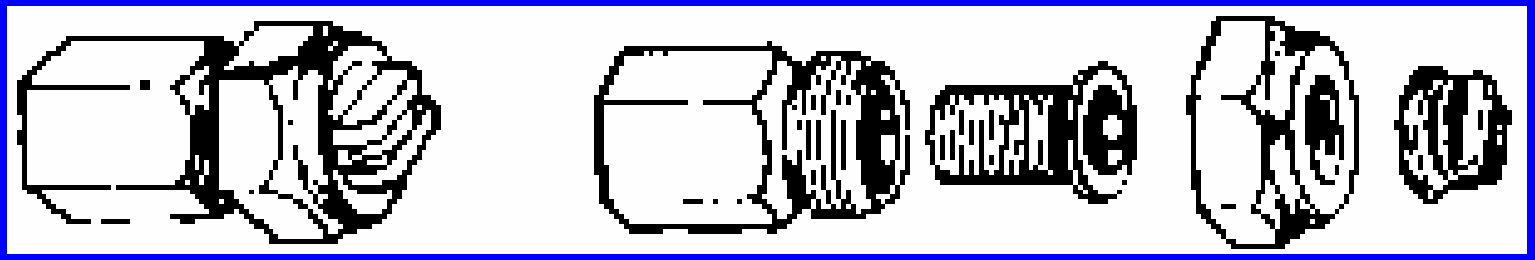
Spray Tanks

- Large Openings
- Strainer For Filling
- Agitation Devise
- Large Drain
- Cutoff Valves
- Pump Outlets
- Resist Corrosion
  - Stainless Steel
  - Fiberglass
  - Polyethylene

AGITATORS


TO PRESSURE SIDE
OF PUMP
HYDRAULIC AGITATOR
BEARING
PADDLE
WHEEL
DRIVE
PULLEY
MECHANICAL AGITATOR

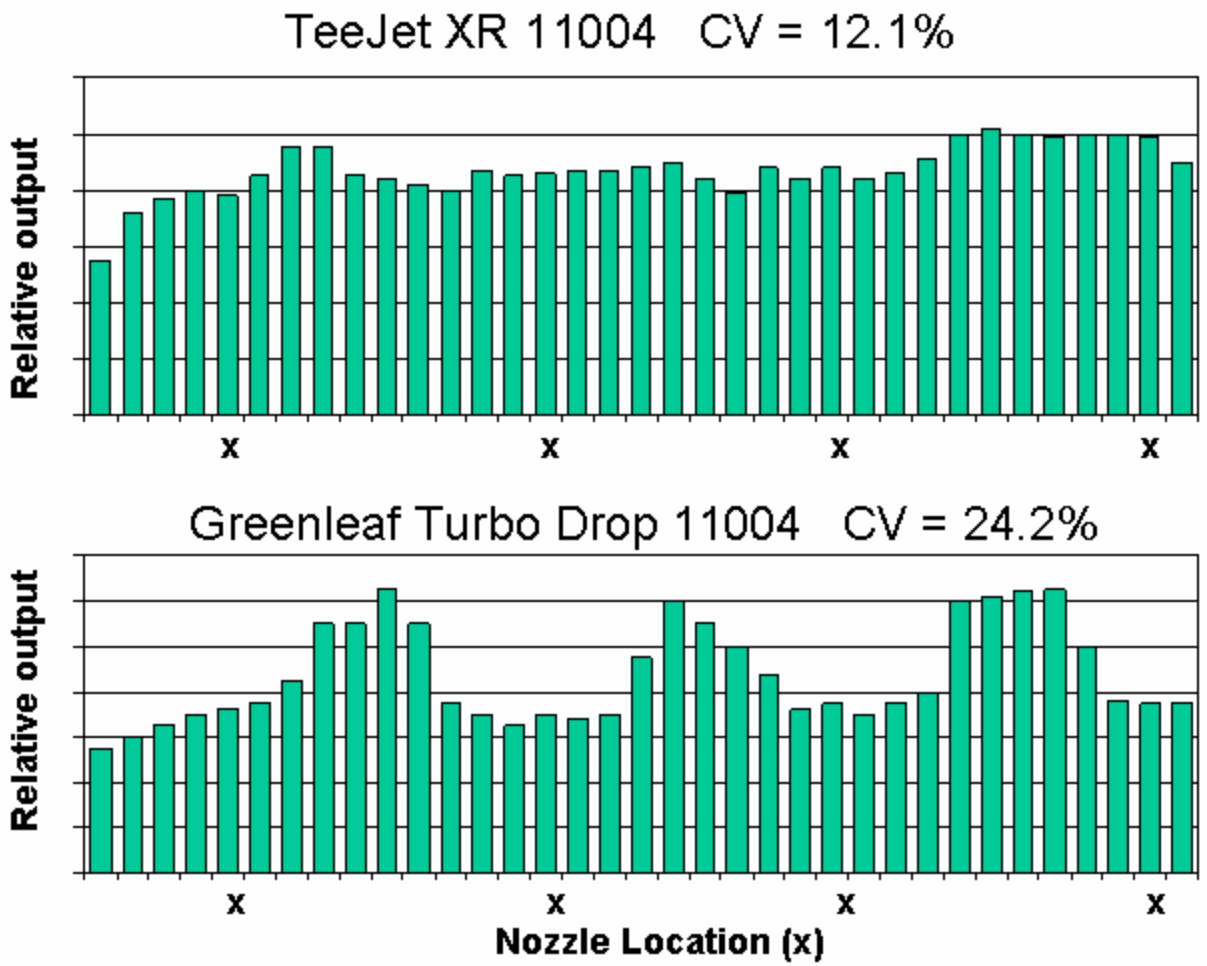
Nozzle Elements



Spray Nozzle Body Strainer Cap Tip

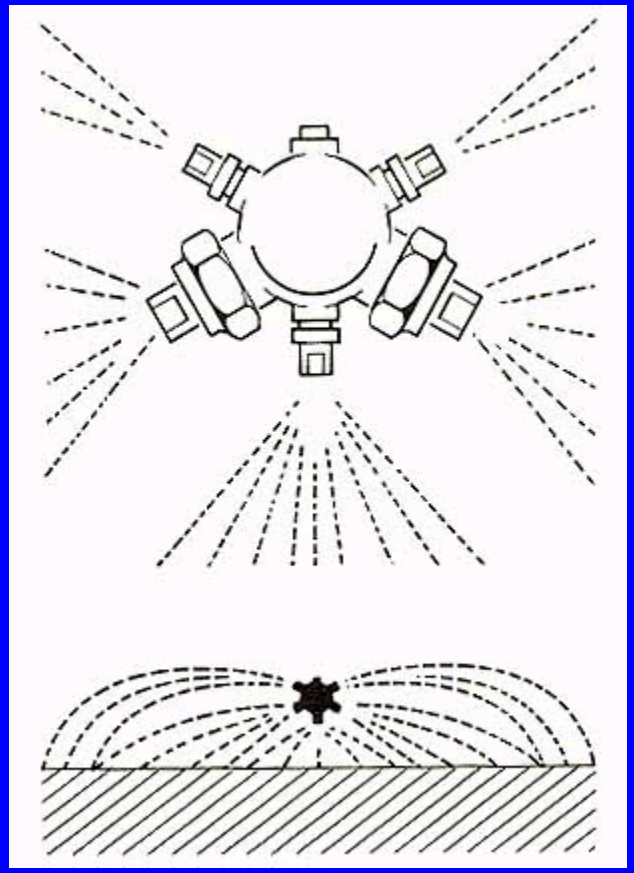
- Nozzle Type
- Size Of Orifice
- Operating Pressure
- Discharge Angle
- Spacing On Boom
- Distance To Target

Pattern Uniformity - Spray Table



Broadjet (Boomless) Nozzles

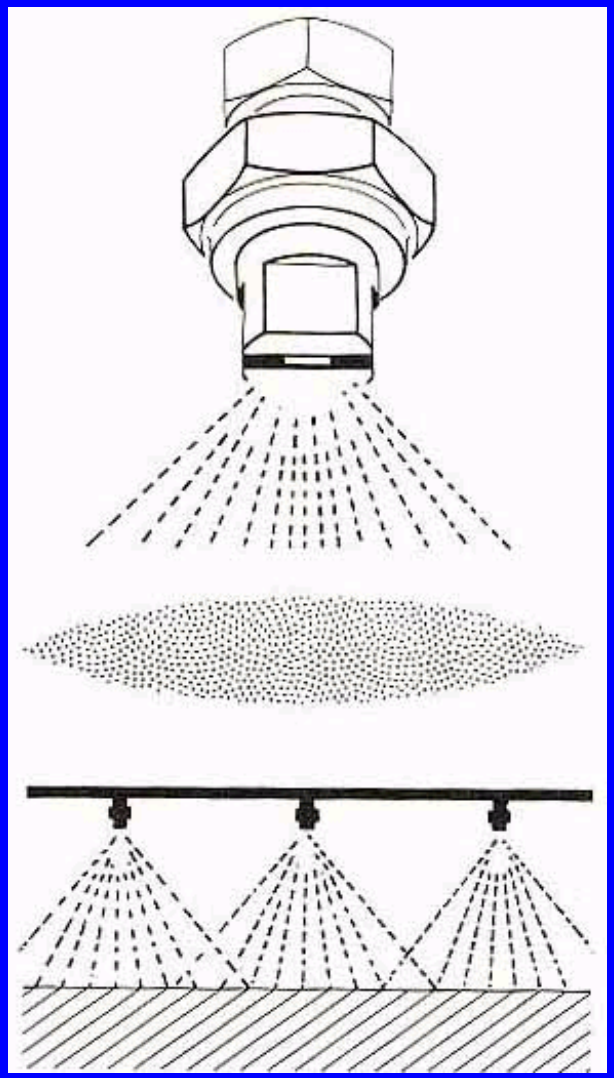
- Roadside Spraying
- 10 to 40 Foot Swath
- Multiple Nozzles On Sprayer Head
- Droplet Trajectory Can Avoid Roadside Objects
- Sensitive To Wind



Roadside Spray Boom

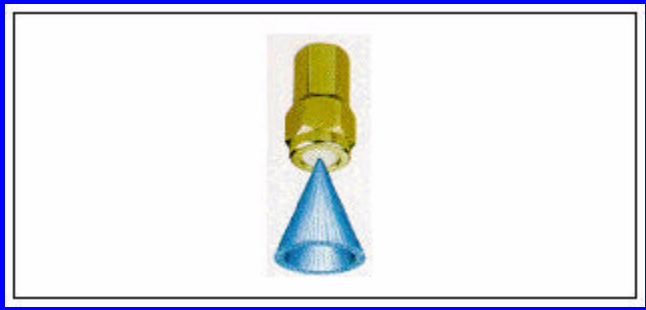
Flat-Fan Nozzles

- Most Common Nozzle For Broadcast Herbicide Spraying
- 15-30 (40) psi
- Spray Patterns Should Overlap
- 12-14º Rotation Off Boom Alinement



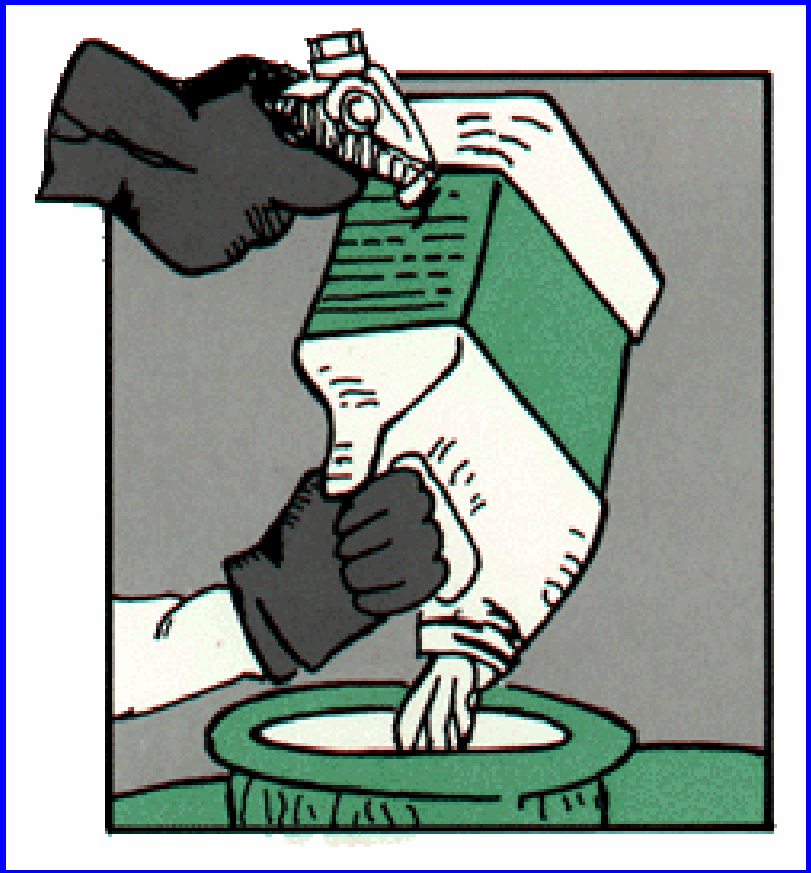
Hollow Cone Nozzles

- Provide Good Droplet Penetration of Canopy
- Orchard Insecticides
- Broadleaf Crops
- 40-80 psi Means Drift Can Be A Problem



Pressure Rinsing Containers

- Penetrate Container



Triple Rinsing Containers

- Fill Container 10% Full
- Close Cap, Shake, Rattle and Roll
- Empty Into Spray Tank
- Repeat 2 More Times