

# Operating Sprayers Efficiently + Effectively = \$\$\$\$ Savings

# 60%

of applicators over or under apply fertilizers, pesticides, and herbicides by more than 10% of their intended rate. To prevent this from happening, follow some best spraying practices and save money in your operation.

**Replace Worn Nozzles!** Worn nozzles may increase pesticide application costs and cause crop injury, illegal rates or residue. A 10% increase in flow rate may not be readily noticeable; however, spraying with a pesticide that costs \$10/acre means an extra \$1 per acre!

**Check Your Spray Pattern** to assure the nozzle is not blocked. Make sure to have the correct nozzle spacing and boom height.

**Calibrate Your Sprayer** to get the right amount of product on the targeted area.

**Choose the Best Nozzle.** Nozzles determine the rate of product distribution at a particular pressure, forward speed and nozzle spacing.

**Read the Label.** Manufacturers specify ideal droplet size and other helpful instructions for optimal usage.

**Check Wind Speed and Direction** as close to the boom release height as possible to spray accurately.

**Monitor Sprayer Speed Changes.** Driving faster affects spray quality. To increase sprayer speed, switch to a larger orifice size to eliminate any pressure increases.

**Avoid Cross Contamination.** Any product left behind becomes a source of contamination and potential injury to the crop.

**Check for Trapped Chemicals** in areas including end caps, hoses and boom section filters.

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