

# Guidance for Herbicide Use in Mistblowers

The information on this sheet is intended as “quick start” guidance and does not replace the need to read, understand and follow all pesticide label directions. It is also highly recommended to refer to best practices and guidance found in the annual **Chemical Weed Control** guide published by Kansas State Research and Extension. This guide can be found in print at most Extension offices, and can be accessed online at <https://bookstore.ksre.ksu.edu/pubs/CHEMWEEEDGUIDE.pdf>

If you have any questions, please contact the Kansas Forest Service or your local Extension agent.

## Example Tank Mix for Control of Bush Honeysuckle

*Assuming the pesticide label allows for an 8-10% spray rate in a mistblower application. The following instructions are based on the Rodeo label. No endorsement is implied.*

**Personal protective equipment (including rubber boots, gloves and eye protection – consult the label) should always be worn while mixing and applying pesticides.**

Before mixing, ensure there is no residue from previous applications. If there appears to be residue, the sprayer must be cleaned and rinsed first.

*Especially if mix water may be hard and/or alkaline (high pH), it is recommended to include spray-grade AMS (ammonium sulfate) in the tank mix, adding BEFORE glyphosate is added to the water.*

### Example of mixing procedures for 3-gallon mistblower tank

1. Add approximately **one gallon** of clean water to spray tank.
2. *(Optional but recommended)* Add **4 to 8 oz** (by weight) of spray-grade AMS to tank.
3. Add **30 to 40 oz** (by volume) of the glyphosate concentrate.
4. *(Optional but recommended)* Add **18 to 20 oz** (by volume) of a spray surfactant to tank.
5. Add additional clean water to just above 3 gallon mark on mistblower tank.
6. Ensure tank lid is hand-tight to reduce risk of leaks.

### Example of mixing procedures for 25-gallon mistblower tank

1. Add approximately **2 to 5 gallons** of clean water to spray tank.
2. *(Optional but recommended)* Add **1.75 to 3.5 lbs** of spray-grade AMS to tank.
3. Add **2 to 2.5 gallons** of the glyphosate concentrate.
4. *(Optional but recommended)* Add **one gallon** of a spray surfactant to tank.
5. Add additional clean water to the 25 gallon mark on mistblower tank.
6. Ensure tank lid is hand-tight to reduce risk of leaks.

## Cleaning Spray Equipment

After applying and spraying out the solution, fill tank half-full with water, and add tank cleaner such as “Pro Tank Cleaner”. (Use **1 oz** for backpack unit, and **8 oz** for large mistblower.) Allow cleaning solution to spray through the tubing and nozzle, then triple rinse the sprayer, including running water through the tubing and nozzle. Please return equipment with tank empty!

