



How to Mix and Apply the Katana® ½ ounce Sample in a Pump-up or Backpack Sprayer

The Katana label states to use thousandths of an ounce per 1,000 ft² by weight of Katana per 1,000 ft². (Make the assumption that one gallon of spray solution will cover 1,000 ft².) Weighing out thousandths of an ounce requires a very sensitive scale which most customers do not have. The labeled rates in thousandths of an ounce in *weight* have been converted into *volumes* that correspond to the labeled weights below:

- **0.034 oz. per 1,000 ft² label rate** is equivalent to the **1.5 oz. per acre label rate**
- **0.068 oz. per 1,000 ft² label rate** is equivalent to the **3.0 oz. per acre label rate**

When the above oz./1,000 ft² rates are weighed and then converted to teaspoons (volume), listed below are the amounts of Katana to mix per gallon of water and per 3-gallons of water:

- **Pump-up Sprayers:** Amount of Katana to use per gallon of water mixed
- **0.034 oz./1,000 ft² label rate** (=1.5 oz/A), use **¼ teaspoon** Katana/gallon of water/1000 sq. ft
 - **0.068 oz./1,000 ft² label rate** (=3.0 oz/A), use **½ teaspoon** Katana/gallon of water/1000 sq. ft
- **Backpack Sprayers:** Amount of Katana to use per 3-gallons of water mixed
- At the **0.034 oz./1,000 ft² label rate** (=1.5 oz/A), 3 x ¼ teaspoon = **¾ teaspoon per 3-gallons water/3000 sq ft**
 - At the **0.068 oz./1,000 ft² label rate** (=3.0 oz/A), 3 x ½ teaspoon = **1½ teaspoons per 3-gallons water/3000 sq ft**

REMEMBER to add the required 0.25% v/v (¼%) rate of non-ionic surfactant (NIS) per gallon of water. (This is equal to 0.32 fl oz. to 1 gallon OR 2 teaspoons to 1 gallon)

Poa annua control:

If **Poa annua control** is desired, urea nitrogen* can be added to reduce the labeled rate of Katana for control from 3.0 oz./acre down to 1.0-1.5 oz./acre: (For *Poa annua* ONLY)

- For the **1.0 – 1.5 oz./1,000 ft² rate**, add **0.54 - 1.63 lbs. of urea** per gallon of water

**Poa annua* can also be controlled at the 3.0 oz./acre rate without the addition of urea nitrogen. Full details are available on the Katana label. The most current Katana label is available online at: <http://www.pbigordon.com/pdfs/Katana-SL.pdf>

For more Katana® information visit:
www.pbigordon.com/professional/page.php?ID_PRODUCTS=907

*** For technical, mixing or label assistance please contact your PBI/Gordon sales representative***