



## ACCURATELY MEASURING LIQUID PESTICIDES



### Measuring liquid pesticides accurately using the right measuring container is important

Once you've figured out how much pesticide you need, based on the label rate and your equipment output, it would seem that pouring the right amount into a measuring container is a no-brainer. But not all liquid measuring containers are accurate. In fact, actual measurement in a typical container may be off by as much as 15%. And since newer pesticide products require smaller amounts to treat larger areas, accurate measurement is more important than ever.

Using too little or too much product can have all kinds of negative results, including customer complaints, poor control, legal or regulatory consequences and environmental contamination. Here are some tips to help you measure pesticides more accurately:

- Consider using taller and narrower measuring containers. These containers usually have more graduation marks and more space between lines on the container compared to shorter, wider containers. Your measurements will generally be more accurate when you use a container that has more markings.
- Look for liquid measuring containers with pour spouts and handles. This minimizes the risk that you'll spill any of the product that you've carefully measured. Some pesticide products come with their own measuring devices. These "tip and pour" products are easier to measure and can be safer to use.
- Always rinse out measuring devices before measuring different kinds of pesticides. Residues from one kind of pesticide may contaminate a different kind of pesticide with harmful results. Never use pesticide measuring containers for any other purpose.
- Always shake up the product container before measuring the liquid. Shaking will ensure that the inert and active ingredients are mixed together before you measure.
- Read a measuring container only when placed on a flat, level surface and at eye level in a well-lighted place.
- Keep distractions to a minimum when measuring. Don't answer phones or talk to people when you're measuring or mixing pesticides.
- Under application (too little chemical) will result in unsatisfactory results, poor control and the build-up of resistance which will create expensive service calls to rectify the treatment.
- Over application (too much chemical) will result in non-target species casualties, environmental damage and the loss of profits due to waste of expensive resources.
- Remember to follow label instructions. You may not deviate from the instructions and make your own formulation. A little bit more does not kill the target pest any faster and mixing of a cocktail does not give the product extra kick. Act responsible as your customer has put faith in you to protect their homes, family and environment.

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#### Professional Services Offered:

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