

## Mixing Order Information for Chateau® Herbicide + Drift Retardant Tank Mixes

Proper mixing is essential to:

- Ensure the herbicides go into solution/suspension for good weed control
- Help ensure application equipment can be properly cleaned

Be sure to conduct a jar test prior to mixing a new herbicide, water source, adjuvant or drift retardant.

### MIXING ORDER

1. Water + agitation
2. Ammonium sulfate\* – be sure the ammonium sulfate dissolves completely before adding any other product
3. Drift retardant \*\*
4. *Chateau*
5. Tank mix partner, if used, (such as glyphosate or paraquat)
6. Adjuvants (if required)

\* Add 10 lbs of dry ammonium sulfate per 100 gals water. The equivalent rate of ammonium sulfate in a liquid formulation may also be used.

\*\* Mixing order should follow instructions on drift retardant label. If jar test shows mixing incompatibility, use mixing order shown above.

**WRONG**

**RIGHT**

Drift Retardant +  
*Chateau* +  
Glyphosate



Ammonium Sulfate +  
Drift Retardant +  
*Chateau* +  
Glyphosate



Take Control. Keep Control.™

## CLEAN OUT INSTRUCTIONS

Spray equipment – including mixing vessels and nurse tanks – must be cleaned each day following an application of highly active products such as *Chateau* Herbicide.

Inadequate clean out can lead to significant injury when subsequent products like glyphosate or Select Max® Herbicide are applied to other crops. Don't leave formulated product in the sprayer overnight, or you run the risk of the herbicides settling or "hanging up" in the spray system (especially the hoses). To clean,

- Completely drain the spray tank and rinse the sprayer thoroughly, including the inside and outside of the tank, and all in-line screens.
- Fill the tank with clean water and flush all hoses, booms, screens, and nozzles.
- Top off the tank with clean water and add household ammonia. Use 1 gallon of 3% household ammonia for every 100 gallons of water.
- Circulate through the sprayer for 5 minutes.
- Then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes.
- Loosen any diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm.
- Drain tank completely.
- Add enough clean water to the spray tank to flush hoses, booms, screens and nozzles for 2 minutes.
- Remove all nozzles and screens and rinse them in clean water.

### Helpful Tips

- Use polyurethane spray hoses, if possible. These are easier to clean out than rubber hoses.
- Some spray boom hoses extend way beyond the last nozzle, so product can get trapped in a dead end. Be sure to remove the plugs to flush them out completely.
- To enhance clean out, use a quality, high pH ammonia-based tank cleaner such as Valent Tank Cleaner in place of household ammonia. Allow the cleaning solution to remain in the pressurized spray system – including tank, hoses and boom – overnight. Then flush for a minimum of 15 minutes. (If possible, leave cleaning solution overnight and rinse the following morning).



Products That Work, From People Who Care® | [www.valent.com](http://www.valent.com) | 800-6-VALENT (682-5368)

**Read and follow the label instructions before using.**

*Chateau*, *Products That Work, From People Who Care*, *Select Max*, *Take Control. Keep Control.* and *with Inside Technology* are trademarks and/or registered trademarks of Valent U.S.A. Corporation. *Select Max with Inside Technology* is a patent-pending formulation. © 2009 Valent U.S.A. Corporation. All right reserved. Printed in the U.S.A. 2009-CHA-8007 10/09 m/AV