



PLANT  
FOOD  
COMPANY, INC.

Technology

The Liquid Fertilizer Experts  
[www.plantfoodco.com](http://www.plantfoodco.com)

**W.A.L.E.S. -  
Prevent spray tank mixing headaches**

# Mixing Order Getting It Right

- Fill Spray Tank  $\frac{3}{4}$  full of water before adding any products.
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- Maintain active agitation throughout mixing process.
- Pour products in slowly, no faster than 30 seconds per 2.5 gal jug.
- Pour in one product at a time
- Tank-mix products using the W-A-L-E-S method for mixing order:

**W** – **Wettable Powders** go in the tank first. eg. Alliette (WP), Compass (WDG/DF), Senator (WSP), ARREST(WP), MKP (WSF). Dry products go in the tank first.

**A** – **Agitate Tank** until all is in solution.

**L** – **Liquid Products** – Fungicides/Pesticides first, eg. Propoconizole, Rovral Green GT etc...  
Liquid Fertilizers next,  
eg. Plant Food 12-3-12, Adams Earth, Sugar Cal, 12 Iron, Phosphite 30.

**E** – **Emulsifiable Concentrates** – Oil Based Liquids. (EC)  
Older technologies.

**S** – **Surfactants/Penetrants** – Respond 3,  
FloThru Plus(Penetrant), Hydration(Wetting Agent),  
Regulate Plus Penetrant & Wetting Agent.