A9. MIXING INSTRUCTIONS:
Some herbicide labels list a specific mixing sequence. In absence of specific directions, the recommended sequence for adding pesticide formulations to a tank partially filled with water follows the A.P.P.L.E.S. method:
A.P.P.L.E.S.
Agitate
Powders soluble
Powders dry
Liquid flowables and suspensions
Emulsifiable concentrates
Solutions.

Each ingredient must be uniformly mixed before adding the next component, e.g., a soluble powder must be completely dissolved before adding the next component. Adjuvants are added in the same sequence as pesticides, e.g., ammonium sulfate is a soluble powder, oil adjuvants are emulsifiable concentrates, and most surfactants are solutions. Within each group, usually add the pesticide before the adjuvant, e.g., a soluble-powder pesticide before ammonium sulfate.