



# Aqua-King Plus® Adjuvant

Aqua-King Plus® Adjuvant contains nonionic surfactants to promote fast spreading, uniform distribution and absorption of products on aquatic vegetation. It also includes buffering agents to lower spray solution pH, which may reduce hydrolysis and improve performance potential of certain products. Aqua-King Plus® Adjuvant is primarily for use with aquatic herbicides for wetland vegetation, rights-of-way, ditch banks, shorelines, and non-crop areas.

## APPLICATION RATE:

1 to 4 pints per 100 gallons

## INGREDIENTS:

**95%** Nonylphenol polyethylene glycol ether, glycol and free fatty acids, organic phosphatic acids, dimethylpolysiloxane

**5%** Constituents ineffective as spray adjuvant

## FEATURES & BENEFITS

- Nonionic surfactant technology reduces surface tension leading to larger droplets
- Buffering agents lower spray solution pH to help reduce alkaline hydrolysis
- Helps promote increased pesticide absorption and efficacy



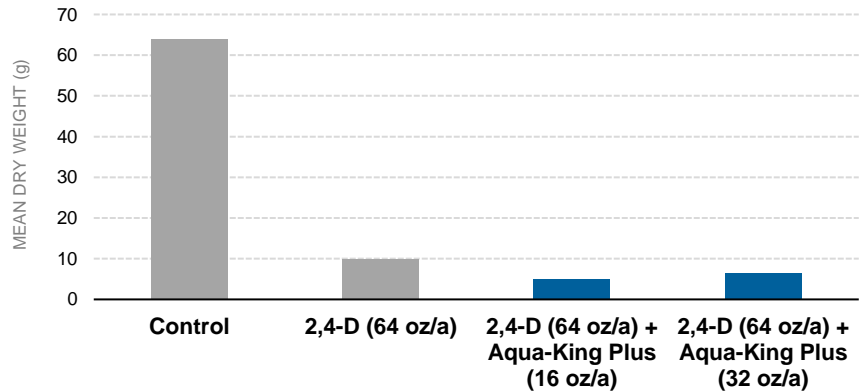
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# BETTER PERFORMANCE THAN CONTROL TREATMENTS

The effect of 2,4-D (WEEDestroy) plus Aqua-King Plus® Adjuvant water hyacinth dry weight 6 weeks after treatment. Lower mean dry weight equals better control.

Dr. Christopher R. Mudge, 2014, LSU

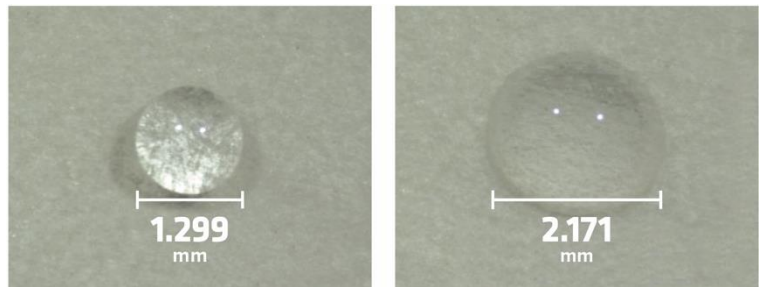


# IMPROVED DROPLET SPREAD

Droplets were placed on wax paper to determine the effective droplet spread. Improved droplet spread leads to improved surface coverage and potentially more product uptake.

**Left:** Water

**Right:** Non-ionic surfactant



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