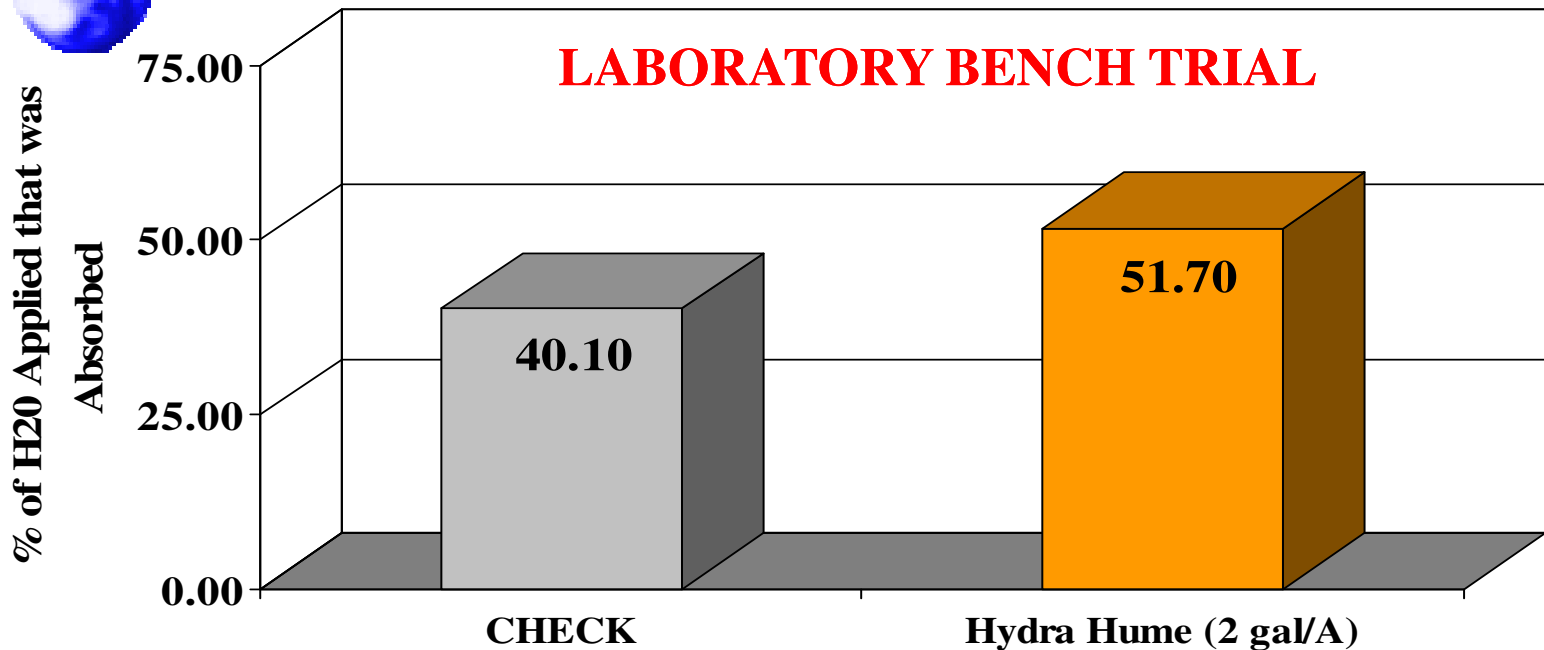
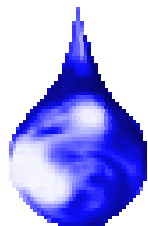




# WATER INFILTRATION LABORATORY BENCH TRIAL

IDAHO FALLS, ID – 2006



**Plot Information:**

Laboratory Bench Trial  
 Plot design: RCBD w/ 6 replicates  
 Soil: Silt Loam w/ 4% free lime sieved to remove large debris on Aug 28, 2005  
 Soil was then placed into containers (6" diameter, 6" deep) – sat until Spring  
 Soil was mixed on Oct 14 to mimic tillage, then lightly compressed to simulate field conditions following planting.

**Plot Information continued:**

A rainfall simulator applied 0.5" of H2O in 30 minutes every 7 days for 3 weeks to form a crust.

**Application Information:**

The equivalent of 1 acre inch was applied in a 15 minute period to simulate the overhead sprinkler system of a center pivot irrigation. Containers were tilted to simulate a 4% slope and run-off water was collected. This was repeated 3 times and the averages are shown in the table above.