

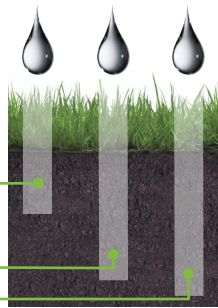
APSA-80 Concentrated Adjuvant is a proven water management tool



Our proprietary surfactant and adjuvant solution decreases the surface tension of water to help manage water in and on top of soil. It increases water flow upward, downward and sideways, creating uniform moisture availability in soil. Now you can control water for more effective and efficient irrigation, even in compacted soil.

- When used at a higher rate for Soil Amendment, APSA-80™ has been proven to reduce soil compaction.
- Minimizes evaporation and runoff.
- Provides more uniform spread and coverage of spray herbicides, insecticides and fungicides.
- Acts as an activator to increase the activity of certain herbicides.
- Noncorrosive to protect metal pumps, tanks and equipment.

Improves water penetration



Control: 0.92 in./hour

With APSA-80™ solution:
15 oz./acre 1.22 in./hour
30 oz./acre 1.23 in./hour

Increases root depth



Control: 22.4 in.

With APSA-80™ solution:
15 oz./acre 29.0 in.
30 oz./acre 31.4 in. 4-year average

Return on investment:

7.5X per acre increase* | The increase in yield for corn (\$77.55) is 7.5X more than the price of the product (\$10.45).

*ROI noted is for corn: Soil amendment rate of 15 oz/acre; retail on 30-gallon drum is \$2,677 or \$10.45/acre; Irrigation Research Foundation (IRF) 10-year average on corn is a 17.6 bushel gain over control; cash grain @ \$5.00/bushel x 17.6 = \$88 – \$10.45 = \$77.55 ROI.

Proven yield results:†



CORN
17.6
bu./acre increase



SOYBEANS
5.1
bu./acre increase



WINTER WHEAT
7.0
bu./acre increase

†Based on multi-year Irrigation Research Foundation study.

30
GALLON
BARREL

COVERS
256
ACRES

80%
ACTIVE
SURFACTANTS

