

# nuvano™ PURE

Water, Optimized.

NUVANO™ PURE REDEFINES THE ROLE OF  
ADJUVANTS IN MODERN AGRICULTURE.

Through precision pH control and water conditioning it elevates every aspect of tank mix performance—ensuring that every molecule applied counts.

## KEY FUNCTIONS

1 >

### MODIFIES pH

Most hard water has a pH of 6.5–8.5 and is loaded with calcium and magnesium. Most tank mixed pesticides and crop inputs are most effective at a pH of 4–6. Each pint of Nuvano™ Pure per 100 gallons will drop the pH of your tank by 2 points making your water optimal for spraying.

2 >

### CONDITIONS WATER

After the pH drops, there are bicarbonates in the water, which can tie up your crop inputs. Nuvano™ Pure's Chelix technology holds these bicarbonates so they can't react with your added chemistry.



3 >

### ACTS AS A SURFACTANT

Meld technology in Nuvano™ Pure sticks to the leaf and mimics the cuticular tissue, allowing crop inputs to enter directly into the plant via transcellular activity.



Nuvano™ Pure is a highly efficient water-conditioning adjuvant designed to optimize spray solutions before they ever reach the crop. It rapidly buffers spray water pH, delivers strong surfactant activity, and achieves a significant pH drop at a very low use rate. By tying up bicarbonates commonly found in hard water, Nuvano™ Pure allows applied chemistry to remain stable and available, improving uptake, consistency, and overall performance in the field.

Performance in **Every Drop**

[www.nuvano.ag](http://www.nuvano.ag)

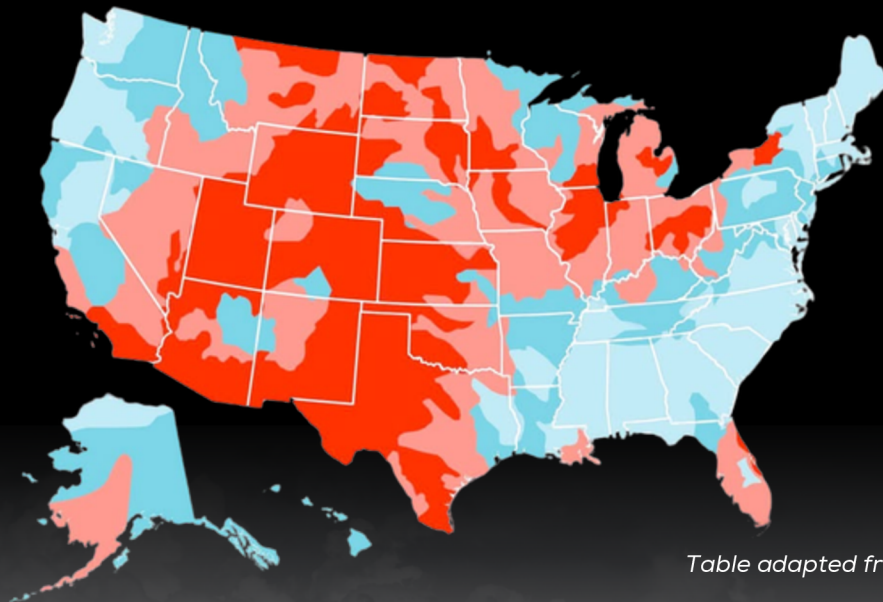


# HIGH pH CAN REDUCE PESTICIDE ACTIVITY

Study By: Emily Mueller, Tom Bowman, Wayne Buhler

Pesticide Activity (Half-Life)			
Product	pH 5 Acidic	pH 7 Neutral	pH 9 Basic
Herbicide	16 days	17 hours	10 minutes
Fungicide	10 hours	3 hours	2 minutes
Insecticide	Stable	10 days	24 hours

SCAN FOR OUR  
**CALCULATOR**  
find your gallons needed



-  Slightly hard water
-  Moderately hard water
-  Hard water
-  Very hard water

Table adapted from the United States Geological Survey

