

# Bicarbonate Management



## Remediation • Management

- Bicarbonates primarily come from the water we irrigate with.
- They are insoluble formations of calcium or magnesium bicarbonates that do not go away on their own
- Bicarbonates prevent nutrient exchange and “flatten” soils decreasing water, oxygen and nutrient movement.
- They can be treated at the source, or after they are in the soil profile.

Product	Bicarbonate PPM	Initial Rate/1000	Monthly Management Rate
	160 - 180	3.0	1.5
VeripHy 18 Acidic Nitrogen	180-200	4.5	2.0
	200+	6.0	3.0

Add EXCALIBUR Soil Surfactant at 1.0 fl oz/1000 with VeripHy 18 for optimum soil placement and to aid in movement of disassociated bicarbonates.

Make initial application followed by sufficient irrigation to move water flush upper 3 inches of rootzone.

Management applications may need to be applied more frequently, or at an increased rate, during periods of increased irrigation due to dry conditions.

Management applications can be tank mixed with fertilizer, fungicides and pesticides.

