



Sunland Analytical

11419 Sunrise Gold Circle, #10
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GENERAL WATER ANALYSIS INTERPRETATION for IRRIGATION WATER

| <u>Specific Characteristics</u> | <u>No Problem</u> | <u>Increasing Problem</u> | <u>Severe Problem</u> |
|---------------------------------|-------------------------|---------------------------|-----------------------|
| pH | Normal range 6.5 to 8.4 | | |
| Conductivity (E.C.) | <0.75 | 0.75 - 3.0 | >3.0 |
| Total Dissolved Salt | <480 | 480 - 1920 | >1920 |
| SAR (adj.) | <6.0 | 6.0 - 9.0 | >9.0 |
| Boron | <0.5 | 0.5 - 2.0 | >2.0 |
| Chloride | <105 | 105 - 315 | >315 |
| Carb. + Bicarb. | <250 | 250 - 520 | >520 |
| Nitrate | <5 | 5 - 30 | >30 |
| Hardness (for drip irrigation) | <100 | 100 - 200 | >200 |

Sodium evaluate by adjusted Sodium Absorption Ratio (SAR adj.)