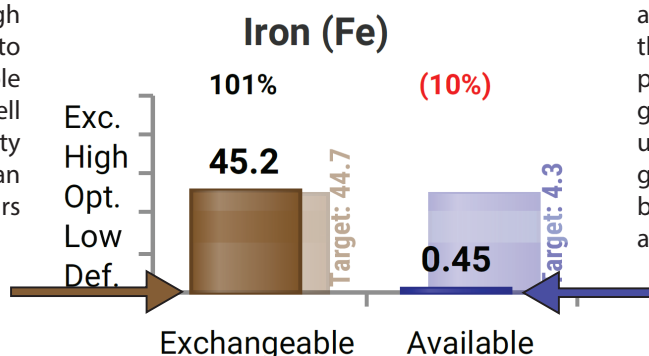


SOLUMETRIX™ is a patented soil test based on thousands of data correlations and academic findings. It creates a comprehensive and actionable nutrient profile to reveal the secrets hidden in your soil. Yes, it shows what's in the soil, but it also shows what's soluble and accessible to plants at any given moment. This helps you make informed, accurate decisions that will minimize waste and optimize yield.

THE REAL DIFFERENCE

While other soil tests provide an analysis showing the exchangeable levels of nutrients that may or may not be accessible to the plant, SOLUMETRIX™ looks at nutrient availability through the crop's perspective. The example below shows an iron deficiency will occur.

Traditional soil tests ONLY provide exchangeable levels in the soil through acid paste extractions, attempting to mimic root exudates. Exchangeable levels are important, but may not tell the whole story on nutrient availability to the plant. Exchangeable levels can be found by looking at the brown bars on your SOLUMETRIX™ test.



SOLUMETRIX™ reveals what is readily available for the crop to uptake directly through mass flow (the largest uptake pathway for all crops). The insight gained from this information is unmatched, allowing agronomists and growers to correct nutrient deficiencies before they develop. Immediately available nutrients can be found by looking at the blue bars on your SOLUMETRIX™ test.

BALANCED NUTRIENT RECOMMENDATIONS

SOLUMETRIX™ not only helps diagnose problems but also provides recommendations to eliminate nutrient deficiencies before they occur. By addressing potential issues early, crops can take advantage of applied nutrition sooner and throughout the entire growing season—reducing the reliance on tissue testing to manage crop health.

SOLUMETRIX™ uses the “brown bars” (exchangeable nutrients that may or may not be available) together with the “blue bars” (nutrients readily available for crop uptake) to deliver a balanced nutrient recommendation that traditional soil tests cannot provide. Fully balanced nutrient recommendations go beyond the basics of N, P, and K—ensuring a complete picture of plant nutrition.

Nutrient Recommendations (lb/acre)

N: 15.0 P₂O₅: 16.5 K₂O: 17.0 Mg: - S: - Ca: -
Zn: 3.6 Mn: 2.2 Cu: 0.45 Fe: 0.67 B: 0.14

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