

SAP TEST INTERPRETATION INTEGRITY SOILS

Brix (<12)	EC 2- 12mS/cm	pH (6.4)	Interpretation
Low	Low	Low	Ions missing: lack of biology. Low N, P or K, Na. Could indicate compaction; Ca:Mg imbalance
Low	Low	High	Ions missing: lack of biology. Low N, P. May lack S, acetates, humic acids
Low	High	Low	Ions not complexed. Lack of biology. Acid elements at excessive levels. May lack Ca, Mg, K, Na. High salt fert possible.
Low	High	High	Ions not complexed. Lack of biology. Elements such as nitrates excessive. May be lacking P, S, Mg
High	L/H	L/H	With insect damage, virus, disease; stress and dehydration all artificially increase brix. Do not take readings when annual plants are ripening- brix will also be high.