

AGF-0514

Interpreting a Soil Test Report

AGF-0514-Table 2

Test Parameter	Desirable Ranges		Use of Measure
pH	6.3–7.0		Water pH (neutral pH = 7.0) affects nutrient availability
Buffer pH	6.8–7.0		Used to determine lime requirement.
	When reported as part per million (ppm)	When reported as pounds per acre	
Phosphorus (P) Mehlich 3	20–50	40–100	Used to make P ₂ O ₅ recommendation
<u>Potassium (K)</u> <u>Mehlich 3</u>	100–170	200–340	Used to make a K ₂ O recommendation. CEC is used to determine the desired range.
Calcium (Ca)	200–8,000	400–16,000	Levels less than 200 ppm are a concern. Ca deficiencies are rare in Ohio.

