

General soil test interpretations

For crop production on acidic, mineral soils

Extractant: Mehlich 3

Nutrient	Interpretation (mg/kg or ppm)		
	Low	Medium	High
P	≤25	26 - 45	>45
K	≤35	36 - 60	>60
Mg	≤20	21 - 40	>40

For crop production on the calcareous soils of Miami-Dade County

Extractant: Mehlich 3

Nutrient	Interpretation (mg/kg or ppm)		
	Low	Medium	High
P	≤76	77 - 104	>104
K	≤85	86 - 150	>150

Proposed P interpretation scale for the AB-DTPA extractant for calcareous soil

Nutrient	Interpretation (mg/kg or ppm)		
	Low	Medium	High
P	0 - 5	6 - 10	>10

Phosphorus soil test interpretation for commercial potato production

A provisional P fertilizer management recommendation for commercial potato production (chipping and table) became effective October 25, 2022. It is in effect throughout the 2022-23 commercial

potato growing season.

The P fertilizer application rate to potato may be determined independent of a preplant soil test for P. Therefore, P fertilizer may be applied up to the maximum UF/IFAS recommended rate for potato of 120 lbs/acre P_2O_5 regardless of the soil test P value.

This provisional recommendation will be evaluated after the 2023 potato season to determine if it should continue, change, or expire.

Phosphorus soil test interpretation for turfgrass lawns

Do not apply phosphorus (P) fertilizer to a turfgrass lawn unless the Mehlich 3-extractable P is less than or equal to 20 mg/kg.