

Conversion equations for soil test results from laboratories using the Mehlich 1 soil extract.

Nutrient	Reported Units	Conversion Equation
P	ppm P	UD-FIV = $2.00 \times$ Mehlich 1-P
	lb P/ac	UD- FIV = $1.00 \times$ Mehlich 1-P
K	ppm K	UD-FIV = $(0.72 \times$ Mehlich 1-K)
	lb K/ac	UD-FIV = $(0.36 \times$ Mehlich 1-K)
Ca	ppm Ca	UD-FIV = $(0.12 \times$ Mehlich 1-Ca)
	lb Ca/ac	UD-FIV = $(0.06 \times$ Mehlich 1-Ca)
Mg	ppm Mg	UD-FIV = $(0.90 \times$ Mehlich 1-Mg)
	lb Mg/ac	UD-FIV = $(0.45 \times$ Mehlich 1-Mg)

Example: Converting Mehlich 1 K soil test results in lb/ac to UD-FIV

Soil Test Results: Mehlich 1 K = 282 lb/ac

Use the equation for results reported in lb/ac: UD-FIV = $(0.36 \times$ Mehlich 1-K)

$$\text{UD-FIV} = (0.36 \times 282 \text{ ppm K}) = 102 \text{ FIV}$$