Conversion factors for soil test results from laboratories using the Bray P1, Ammonium Acetate (AmmAc), and 0.1 *N* HCl extracts.

Nutrient	Reported Units	Conversion Equation
P	ppm P	UD-FIV = (1.23 × Bray P1-P) + 6.07
	lb P/ac	UD-FIV = (0.61 × Bray P1-P) + 6.07)
K	ppm K	UD-FIV = (0.55 × AmmAc-K) - 0.31
	lb K/ac	UD-FIV = (0.27 × AmmAc-K) - 0.31
Ca	ppm Ca	UD-FIV = (0.12 × AmmAc-Ca) - 5.60
	lb Ca/ac	UD-FIV = (0.06 × AmmAc-Ca) - 5.60
Mg	ppm Mg	UD-FIV = (0.84 × AmmAc-Mg) - 0.13
	lb Mg/ac	UD-FIV = (0.42 × AmmAc-Mg) - 0.13
Mn	ppm Mn	Mehlich 3 Mn (lb/ac) = (1.45 × HCl-Mn) + 14.61
	lb Mn/ac	Mehlich 3 Mn (lb/ac) = (0.73 × HCl-Mn) + 14.61
Zn	ppm Zn	Mehlich 3 Zn (lb/ac) = (1.91 × HCl-Zn) + 1.22
	lb Zn/ac	Mehlich 3 Zn (lb/ac) = (0.96 × HCl-Zn) + 1.22

Example: Converting Bray P1 (P) soil test results to UD-FIV

Soil Test Results: Bray P1-P = 75 lb ppm P

Use the equation for results reported in ppm: UD-FIV = (1.23 × Bray P1-P) + 6.07

$$\text{UD-FIV} = (1.23 \times 75 \text{ ppm P}) + 6.07 = 98 \text{ FIV}$$