

Soil Sample Wet

<b>Sat Paste Station</b>						
<b>Test for PH, EC</b>	Direct entry of data (no formula)					
<b>AA Station</b>						
<b>Test for each: Ca, Na, Mg, K</b>						
	enter # from machine	dilution factor (1 or higher)	multiply the two previous numbers			
<b>Spec Station</b>						
<b>Test for each: N, P, B</b>						
<b>NO3-N</b>	T (% transmitted)	ABS (Absorption %)	PPM	Dilution factor	Corrected PPM	
	enter number here	formula to determine ABS is $= (2 - \text{LOG}(\# \text{field from T i.e. B14}))$	formula to determine PPM is $= ((\# \text{from ABS field i.e. C14} - 0.0567) / 0.0676)$	enter # 1 or higher	multiply PPM x Dilution factor ie $= (D14 \times E14)$	
<b>P</b>	T (% transmitted)	ABS (Absorption %)	PPM	Dilution factor	Corrected PPM	
	enter number here	formula to determine ABS is $= (2 - \text{LOG}(\# \text{field from T i.e. B17}))$	formula to determine PPM is $= (\# \text{ from ABS field i.e. C17} - 0.0029) / (0.0485)$	enter # 1 or higher	multiply PPM x Dilution factor ie $= (D17 \times E17)$	
<b>B</b>	T (% transmitted)	ABS (Absorption %)	PPM	Dilution factor	Corrected PPM	Corrected PPM minus blank
	enter number here	formula to determine ABS is $= (2 - \text{LOG}(\# \text{field from T i.e. B20}))$	formula to determine PPM is $= (\# \text{ from ABS field i.e. C20} - 0.4708) / 0.2493$	enter # 1 or higher	multiply PPM x Dilution factor ie $= (D20 \times E20)$	formula is $= (F20 - \# \text{ from blank test, usually at the bottom of the series of tests i.e. F\$38})$