Soil Testing Sample Summary
Interpretation Key

Component	Crop	Low	Medium	Optimum	Above Optimum
P	potatoes	< 3.4 lb/A	3.4 - 20.0 lb/A	20.1 - 40.0 lb/A	> 40.0 lb/A
P	40 lb crops*	< 3.4 lb/A	3.4 - 10.0 lb/A	10.1 - 40.0 lb/A	> 40.0 lb/A
P	30 lb crops*	< 3.4 lb/A	3.4 - 10.0 lb/A	10.1 - 30.0 lb/A	> 30.0 lb/A
P	23 lb crops*	< 3.4 lb/A	3.4 - 10.0 lb/A	10.1 - 23.0 lb/A	> 23.0 lb/A
P	13 lb crops*	< 4.4 lb/A	4.4 - 8.9 lb/A	9.0 - 13.0 lb/A	> 13.0 lb/A
P	est. lawns	< 3.5 lb/A	3.5 - 6.9 lb/A	7.0 - 10.0 lb/A	> 10.0 lb/A
P	buckwheat	< 2.7 lb/A	2.7 - 5.4 lb/A	5.5 - 8.0 lb/A	> 8.0 lb/A

*40 lb P crops: 101-106,151,152,160,164,170,175,211,302-330,391,392,404-407,701,702
*30 lb P crops: 154, 161, 163, 177
*23 lb P crops: 155-158, 167, 202-205
*13 lb P crops: 393, 401, 408-410, 601-603, 704-707

	Crop	Low	Medium	Optimum	Above Optimum
K	all potatoes	< 2.4 %	2.4 - 4.7 %	4.8 - 7.0 %	> 7.0 %
K	5 % crops*	< 1.7 %	1.7 - 3.3 %	3.4 - 5.0 %	> 5.0 %
K	4 % crops*	< 1.4 %	1.4 - 2.7 %	2.8 - 4.0 %	> 4.0 %
K	3 % crops*	< 1.0 %	1.0 - 2.0 %	2.1 - 3.0 %	> 3.0 %

*5 % K crops: 151, 152, 170, 304-330, 391, 392, 701-705
*4 % K crops: 101-106, 154-158, 160-167, 175, 177, 201-205, 302, 393, 401-407
*3 % K crops: 159, 211, 408-410, 601-603, 706, 707

	Crop	Low	Medium	Optimum	Above Optimum
Org. matter	all	< 2.7 %	2.7 - 5.4 %	5.5 - 8.0 %	> 8.0%
Mg	all	< 5.0 %	5.0 - 9.9 %	10.0 - 20.0 %	> 20.0 %
Ca	all	< 40.0 %	40.0 - 59.9 %	60.0 - 80.0 %	>80.0 %
S	all	< 7 ppm	7 - 14 ppm	15 - 30 ppm	> 30 ppm
B	all	< 0.25 ppm	0.25 - 0.4 ppm	0.5 - 1.2 ppm	> 1.2 ppm
Zn	all	< 0.5 ppm	0.5 - 0.9 ppm	1.0 - 2.0 ppm	> 2.0 ppm

	Crop	Low	Below normal	Normal*	Above normal
Cu	potato ground	< 0.4 ppm	0.4 - 0.8 ppm	0.8 - 1.2 ppm	> 1.2 ppm
Cu	all others	< 0.12 ppm	0.12-0.25 ppm	0.25-0.60 ppm	> 0.60 ppm
Fe	all	< 3 ppm	3 - 6 ppm	6 - 10 ppm	> 10 ppm
Mn	all	< 2 ppm	2 - 4 ppm	4 - 8 ppm	> 8 ppm

* Normal ranges based on median values for Maine soils. Categories based on quartile distributions.