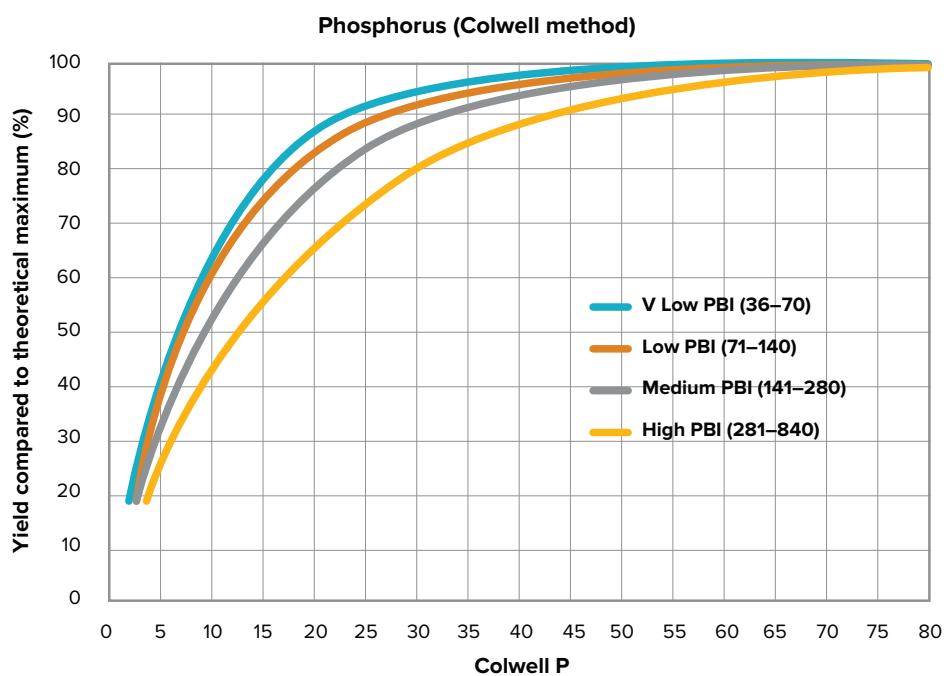
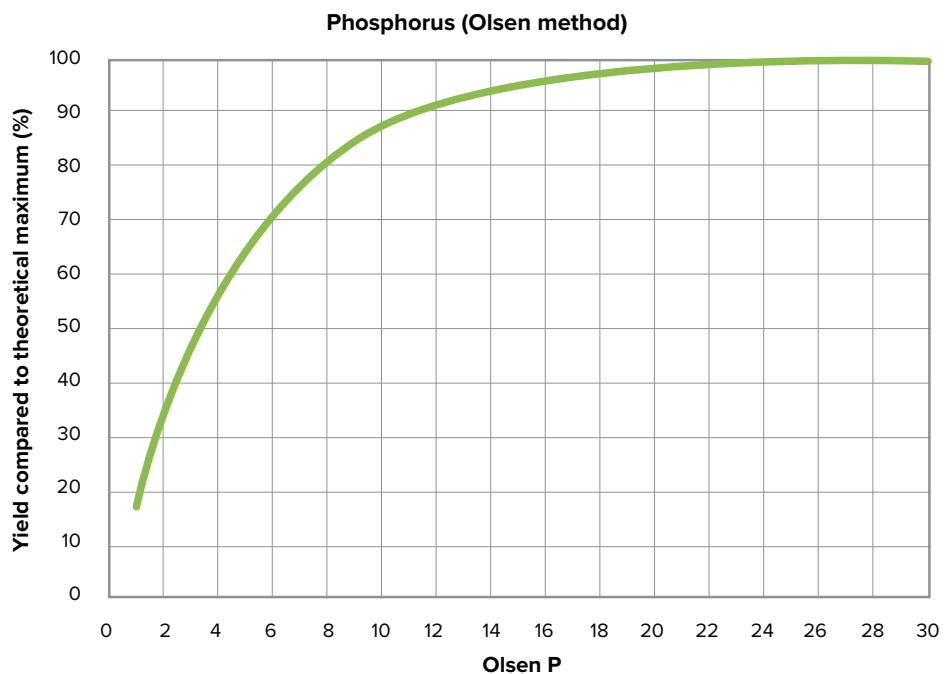
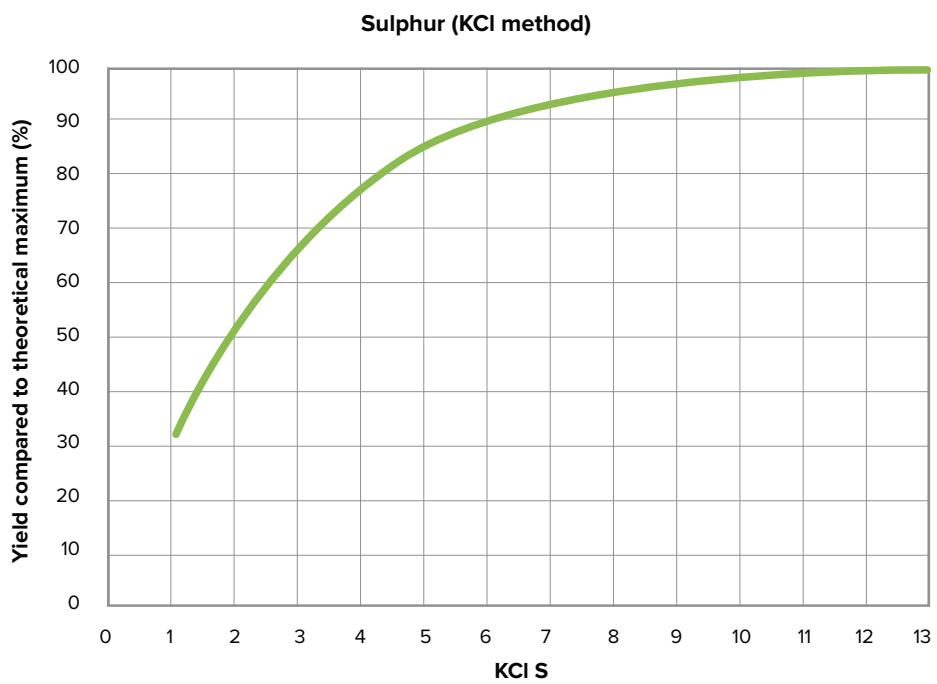
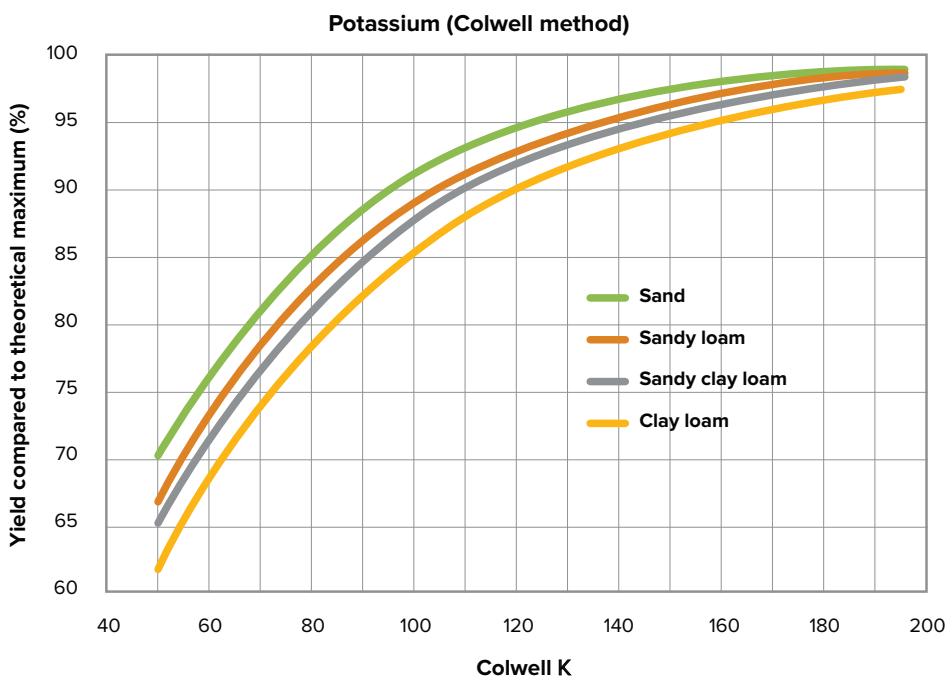
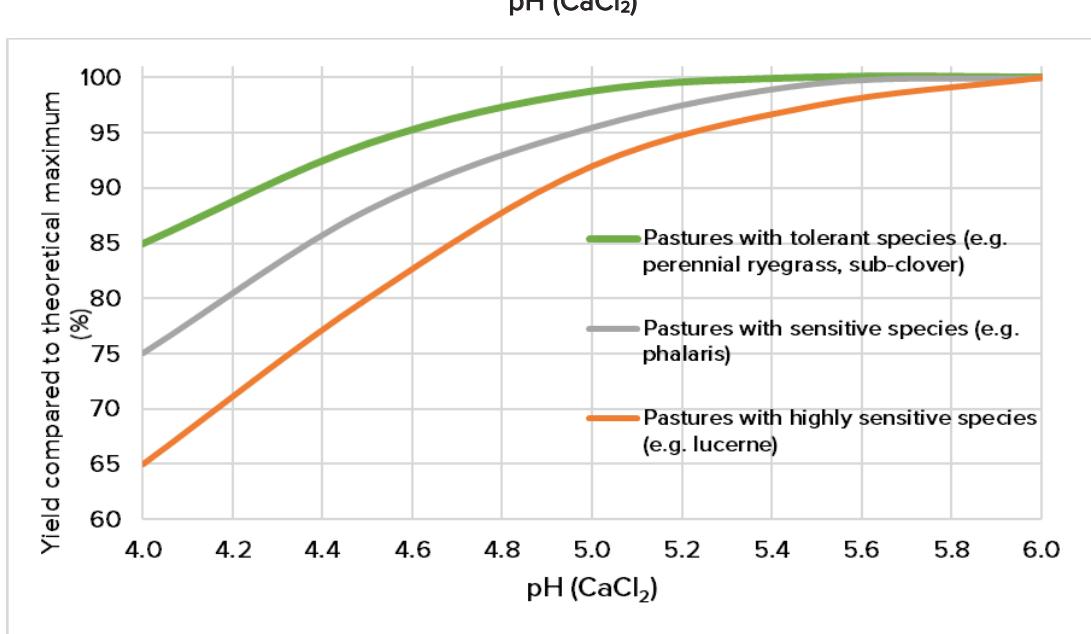


### Appendix 3: Yield response curves for phosphorus, potassium, sulphur and pH

Yield response curves are taken from Source: *Making better fertiliser decisions for grazed pastures in Australia* (Department of Primary Industries Victoria) and acid cost calculator (Brian Hughes).







Note: Response curves adapted from AcidCo\$t economic model and should also be considered with the Exchangeable Al% present. Lines are indicative only.

Tolerance	Species	pH (CaCl <sub>2</sub> ) for 95% production	Exch Al upper limit before decline
Highly tolerant	Cocksfoot, native grasses	4.2	20%
Tolerant	Perennial ryegrass, Tall Fescue, sub-clover, white clover	4.6	8%
Sensitive	Phalaris, medics	4.9	5%
Highly sensitive	Lucerne, balansa clover	5.2	2%