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## Details of the Classical and Long-term Experiments Up to 1967

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### Conversion Tables / Factors

#### Rothamsted Research

Rothamsted Research (1970) *Conversion Tables / Factors* ; Details Of The Classical And Long-Term Experiments Up To 1967, pp 128 - 128 - DOI: <https://doi.org/10.23637/ERADOC-1-192>

## CONVERSION FACTORS

### Factors for the Conversion of Imperial to Metric Units

1 acre	= 0.4047 hectare (ha)
1 pound (lb)	= 0.4536 kilogram (kg)
1 gallon (gal)	= 4.546 litre

To convert	Multiply by
lb/acre to kg/ha	1.121
cwt/acre to tonne/ha	0.1255
gal/acre to litre/ha	11.23
tons/acre to tonne/ha	2.511

### Plant nutrients

Plant nutrients are best stated in terms of amounts of the elements (P, K, Na, Ca, Mg, S); the old 'oxide' terminology  $P_2O_5$ ,  $K_2O$ ,  $Na_2O$ ,  $CaO$ ,  $MgO$ ,  $SO_3$ ) is still used in work involving fertilisers and liming since regulations require statements of  $P_2O_5$ ,  $K_2O$ , etc.

To convert	Multiply by	To convert	Multiply by
$P_2O_5$ to P	0.4364	P to $P_2O_5$	2.2915
$K_2O$ to K	0.8301	K to $K_2O$	1.2047
CaO to Ca	0.7146	Ca to CaO	1.3994
MgO to Mg	0.6031	Mg to MgO	1.6581