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Yields of the Field Experiments 2000

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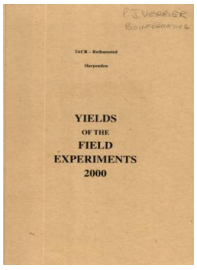

Conventions 2000 and Fertilizers

Rothamsted Research

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CONVENTIONS 2000

For each experiment current treatments are shown with the factor and level names which are used in the tables.

For each experiment, other than annuals, references are given to previous years. These refer to the '(Numerical)(Results)' previous editions of 'Yields of the Field Experiments'.

For the classical and some long-term experiments reference is made to 'Details' - separate publications, giving full descriptions of treatments until 1977 & 1973, with full titles 'Details of the Classical and Long Term Experiments up to 1977' and 'Details of the Classical and Long Term Experiments up to 1973'.

The following conventions are observed unless otherwise stated.

All areas are in hectares. All plot dimensions are in metres.

All rates of application of fertilizers, sprays etc. are per hectare.

All yields are per hectare.

For any other crop, details of abbreviations are given as necessary.

Fertilizers

27% N or 34.5% N means nitrogen as ammonium nitrate

46% N means nitrogen as urea

Ashlade Nu Trace	5% magnesium and 1% copper
Epsom salts	$MgSO_4.7H_2O$ 10% magnesium and 13% sulphur
Fishmeal	approximately 6.5% nitrogen
FYM	Farmyard manure (from bullocks)
Gypsum	17.5% sulphur
Kieserite	$MgSO_4H_2O$ 17.7% magnesium and 23.3% sulphur
Manganese sulphate	$Mn_2(SO_4)_3$ 27% manganese and 24% sulphur
Marshland Liquid Manganese Complex	150 g/l manganese, 7.5 g/l magnesium oxide (4.5 g/l Mg) and 223.6 g/l sulphur trioxide (89.4 g/l S)
Muriate of potash	60% K_2O
Nitrate of soda	$NaNO_3$ 16% nitrogen and 27% sodium
Phosyn Manganese	150 g/l manganese
Profol 500	500 g/l manganese
Profol Copper 500	500 g/l copper
Profol RM	5% boron, 7% manganese, 0.4% molybdenum, 13.3% magnesium oxide (8% Mg) and 36.3% sulphur trioxide (14.5% S)