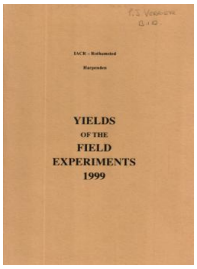
ROTHAMSTED RESEARCH

Yields of the Field Experiments 1999

Full Table of Content



Conventions 1999

Rothamsted Research

Rothamsted Research (2000) *Conventions 1999 ;* Yields Of The Field Experiments 1999, pp 5 - 6 **- DOI: https://doi.org/10.23637/ERADOC-1-34**

CONVENTIONS 1999

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 N as ammonium nitrate.

46% N means N as urea.

Triple superphosphare contains 47% P_2O_5.

Muriate of potash contains 60% K_2O.

Ashlade Nu Trace	5% magnesium and 1% copper
Manganese sulphate	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)
Phosyn Manganese	150 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)
Resistim	10.9% w/w potassium and 6.3% w/w phosphorus combined with natural betaines
Rhodoman	A seed dressing containing manganese
Tiger 90	90% sulphur
Thiovit	80% sulphur
Vytel Manganese	6.4% manganese

Compound fertilizers indicated as - (20:10:10) = (20% N, 10% P_2O_5, 10% K_2O), granular unless otherwise stated.

Cereal straw is removed unless otherwise stated.

In the experimental diary;
T: Refers to treatments applied to part of the experiment.
B: Refers to basal operations and applications to the whole experiment.
GS: Growth stage.
tm): Tank mix; two or more products applied together.
tr.: means seed dressing.

Machinery definitions as used in the diary.

Accord	Pneumatic drill with Suffolk coulters 12.5 cm apart.
Carrier	Drill with rigid tines 11.5 cm apart.
Combine drilled	Drill mounted behind a rotary harrower.
Fiona	Drill with Suffolk coulters 12 cm apart
Flexitine	Heavy spring-tine cultivator.
Nodet Gougis	Pneumatic precision drill with variable spacing.
Nordsten	Drill with Suffolk coulters 12 cm apart.
Oyjord	Drill with Suffolk coulters 14.2 cm apart.
Shakerator	Deep tine cultivator with vibrating tines 60 cm apart and 45 cm deep.
Subsoiler	Deep tine cultivator with vibrating tines 60 cm apart and 45 cm deep

Tables of means

The following abbreviations are used in variate headings:

Wheat, barley, oats, beans, lupins etc.

Grain:	Grain (at 85% dry matter)
Straw:	Straw (at 85% dry matter)

All crops

Mean D.M. %:	Mean dry matter % as harvested

Standard errors

NOTES: (1) This report gives standard errors of differences, not of means.
(2) Annotations (e.g. * min rep, max-min, max rep) to S.E.Ds are only explained the first time they occur in any experiment.