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RESEARCH

Yields of the Field Experiments 2015

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Results of the
Classical and other
Long-term Experiments
2015

Pesticides Used

Rothamsted Research

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T503	Tym	2.0 t	Fertiliser applications and Rotovating.
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Application code: This is used to identify the kind of application
a = application (cultivations, harvest, etc.), p = pesticide, f = fertilizer and s = seed.

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 DM%: 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.

PESTICIDES USED

The following list of pesticides is based on The UK Pesticides Guide, CAB International and The British Crop Protection Council. CABI Publishing

KEY TO ABBREVIATIONS

ad Adjuvant	d Desiccant	f Fungicide
gr Growth regulator	h Herbicide	i Insecticide
m Molluscicide	n Nematicide	tr Trace elements

Trade Name	Function	Active ingredient
Adigor	ad	47% w/w methylated rapeseed oil
Absolute	h	diflufenican + flupyr-sulfuron-methyl (41.7:8.3% w/w)
Ally Max SX	h	metsulfuron-methyl + tribenuron-methyl (14.3:14.3 % w/w)
Anthem	h	pendimethalin (400 g/l)
Artemis	f	fenpropidin + prochloraz + tebuconazole (150:200:150 g/l)
Axial	h	pinoxaden (100 g/l)
Balear 720	f	chlorothalonil (720 g/l)
BASF 3C	gr	Chloremquat (750 g/l)
Bassoon EC	f	epoxiconazole (83 g/l)
Beret Multi	f	fludioxonil + flutriafol (25:25 g/l)
BioPower	ad	6.7% w/w 3,6-dioxaeicosylsulphate sodium salt and 20.2% w/w 3,6-dioxaoctadecylsulphate sodium salt.
Bravo 500	f	chlorothalonil (500 g/l)
Broadway star	h	florasulam + pyroxsulam (1.42:7.08% w/w)
Callisto	h	mesotrione (100 g/l)
Capalo	f	epoxiconazole + fenpropimorph + metrafenone (62.5:200:75 g/l)
Cello	f	prothioconazole + spiroxamine + tebuconazole (100:250:100 g/l)

Cherokee	f	chlorothalonil + cyproconazole + propiconazole (375:50:62.5 g/l)
Chex	ad	pH buffer and anti-foam
Cogent	ad	32.67% w/w alkoxylated alcohols and 1.0% w/w trisiloxane organosilicone copolymers
Compitox plus	h	mecoprop-P (600 g/l)
Crawler	h	carbetamide (60 % w/w)
Crescent	h	fluroxypyr (200 g/l)
Crystal	h	flufenacet + pendimethalin (60:300 g/l)
Envoy	f	epoxiconazole + pyraclostrobin (62.5:85 g/l)
Firebrand	ad	ammonium sulphate (500 g/l)
Folicur	f	tebuconazole (250g/l)
Foundation	h	dicamba + mecoprop-P (84:600 g/l)
Gemstone	f	epoxiconazole + pyraclostrobin (62.5:80 g/l)
Hallmark + zeon tech	i	lambda-cyhalothrin (100 g/l)
Jenton	f	fenpropimorph + pyraclostrobin (375:100 g/l)
Kingdom	f	boscalid + epoxiconazole (140:50 g/l)
Kinto	f	prochloraz + triticonazole (60:20 g/l)
Liberator	h	diflufenican + flufenacet (100:400 g/l)
Linzone	h	clomazone + linuron (45:250g/l)
Mesuroil	i	methiocarb (500g/l)
Mobius	f	prothioconazole + trifloxystrobin (175:150 g/l)
Moddus	gr	trinexapac-ethyl (250 g/l)
Movon	h	diflufenican + flufenacet + flurtamone (90:240:120 g/l)
Pacifica	h	iodosulfuron-methyl-sodium + mesosulfuron-methyl (1.0:3.0% w/w)
Pixie	h	mecoprop-p + diflufenican (500:33.3 g/l)
Proline	f	prothioconazole (275 g/l)
Redigo	f	prothioconazole (100 g/l)
Redigo Deter	f	prothioconazole + clothiandin (50:250 g/l)
Refine Max	h	metsulfuron-methyl + thifensulfuron-methyl (6.7:33.3 w/w)
Samson Extra	h	nicosulfuron (60 g/l)
Samurai	h	glyphosate (360 g/l)
San 703	f	chlorothalonil + cyproconazole (375:40 g/l)
Sienna	h	pendimethalin + picolinafen (300:7.5 g/l)
Simba SX	h	metsulfuron-methyl (20 % w/w)
Sprinter-K	f	K20, 30% w/w (44,4% w/v)
Stomp aqua	h	pendimethalin (455 g/l)
TDS Major	m	metaldehyde (4% w/w)
Troy 480	h	bentazone (480 g/l)
Weedazole-TL	h	amitrole (225 g/l)