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Yields of the Field Experiments 2013

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Results of the
Classical and other
Long-term Experiments
2013

Pesticides Used

Rothamsted Research

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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 |
|-------------------------|----------|---|
| Ally Max SX | h | metsulfuron-methyl + tribenuron-methyl (14.3:14.3 % w/w) |
| Amistar | f | azoxystrobin (250 g/l) |
| Atlantis | h | iodosulfuron-methyl-sodium + mesosulfuron-methyl (0.6:3.0% w/w) |
| Bassoon | f | epoxiconazole (83 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) |
| Callisto | h | mesotrione (100 g/l) |
| Cello | f | prothioconazole + spiroxamine + tebuconazole (100:250:100 g/l) |
| Comet 200 | f | pyraclostrobin (200 g/l) |
| Compitox Plus | h | mecoprop-P (600 g/l) |
| Cyflamid | f | cyflufenamid (50 g/l) |
| Folicur | f | tebuconazole (250g/l) |
| Foundation | h | dicamba + mecoprop-P |
| Gallup 360 | h | glyphosate (360 g/l) |
| Gemstone | f | epoxiconazole + pyraclostrobin (62.5:80 g/l) |
| Gusto | m | metaldehyde (3% w/w) |
| Hadron | tr | Trace-element (N, P, Zn & Mn) foliar feed. |
| Hallmark with zeon tech | i | lambda-cyhalothrin (100 g/l) |
| Harmony M SX | h | metsulfuron-methyl + thifensulfuron-methyl (4:40 % w/w) |
| Hatchet xtra | h | fluroxypyr (200 g/l) |
| Ignite | f | epoxiconazole (83 g/l) |
| Kingdom | f | boscalid + epoxiconazole (140:50 g/l) |
| Kinto | f | prochloraz + triticonazole (60:20 g/l) |
| Kula | h | chlorotoluron + diflufenican |
| Liberator | h | diflufenican + flufenacet (100:400 g/l) |
| Mesuroil | i | methiocarb (500 g/l) |
| Mobius | f | prothioconazole + trifloxystrobin (175:150 g/l) |
| New 5C Cycocel | gr | chlormequat |
| Osarex | m | metaldehyde (3% w/w) |
| PDM 330 EC | h | pendimethalin (330 g/l) |
| Rancona | f | ipconazole (15 g/l) |
| Redigo Deter | f | prothioconazole + clothiandin (50:250 g/l) |
| Refine Max | h | metsulfuron-methyl + thifensulfuron-methyl (6.7:33.3 w/w) |
| Roundup Max | h | glyphosate (68 % w/w) |
| Samson | h | nicosulfuron (60 g/l) |
| San 703 | f | chlorothalonil + cyproconazole (375:40 g/l) |
| Topik | h | clodinafop-propargyl (240g/l) |

| | | |
|----------|----|--|
| Troy 480 | h | bentazone (480 g/l) |
| Zarado | ad | 70% w/w oil (rapeseed oil fatty acid esters) |