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Yields of the Field Experiments 2009

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Results of the
Classical and other
Long-term Experiments
2009

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 |
|--------------------------------|----------|--|
| Agriguard Chlormequat 720 | gr | 720 g/l chlormequat |
| Agriguard Fluroxypyr | h | 200g/l fluroxypyr |
| Allure | m | 1.5% w/w metaldehyde |
| Ally Max SX | h | 143 g/l & 143 g/l metsulfuron-methyl + tribenuron-methyl |
| Alpha Pendimethalin 330 EC | h | 330 g/l pendimethalin |
| Amistar | f | 250 g/l azoxystrobin |
| Amistar Opti | f | 100 g/l & 500 g/l azoxystrobin and chlorothalonil |
| Anchor | f | 600 ml/100 kg of seed (rate recommended for legumes) |
| Arelon 500 | h | 500 g/l isoproturon |
| Avadex Excel 15G | h | 15% w/w tri-allate |
| Azural | h | 360 g/l glyphosate |
| BASF 3C Chlormequat 720 | gr | 720 g/l chlormequat |
| Beret Gold | f | 200 ml/100 kg of seed |
| Biopower | ad | 20.2 + 6.7% w/w 3,6-dioaeicosylsulphate sodium salt + 3,6-dioxaoctadecylsulphate sodium salt |
| Bravo 500 | f | 500 g/l chlorothalonil |
| Brutus | f | 37.5 g/l & 27.5 g/l epoxiconazole and metconazole |
| Callisto | h | 100 g/l mesotrione |
| Cherokee | f | chlorothalonil, 50.000 g / l cyproconazole and 62.500 g / l propiconazole |
| Clipper | h | 360 g/l glyphosate |
| Cycocel | gr | 460 g/l chlormequat chloride |
| Decoy Wetex | m | 20 g/kg methiocarb |
| Dow Agrosiences Glyphosate 360 | h | 360 g/l glyphosate |
| Duplosan KV | h | 600 g/l mecoprop-P |
| Fandango | f | 100 g/l and 100 g/l fluoxastrobin and prothioconazole |
| Flexity | f | 300 g/l metrafenone |
| Hallmark with Zeon Technology | i | 100 g/l lambda cyhalothrin |
| Harmony M SX | h | 40 g/kg + 400 g/kg metsulfuron-methyl + thifensufuron-methyl |
| Headland Charge | h | 600 g/l mecoprop-P |
| Hurler | h | 200 g/l fluroxypyr |
| Karan | i | 3.000 % w/w methiocarb |
| Lexus Class | h | 33.3 + 16.7 % carfentrazone-ethyl + Flupyralsulfuron-methyl |
| Landgold Lambda-Z | i | 100 g/l lambda-cyhalothrin |
| Langold Propyzamide 400 SC | h | 400 g/l propyzamide |
| Liberator | h | 400 + 100 g/l diflufenican + flufenacet |
| Mesurool | m | 100 g/100l |
| Opus | f | 125 g/l epoxyconazole |
| Pacifica | h | 10 g/kg + 30 g/kg idosulfuron-methyl-sodium + mesosulfuron-methyl |
| Proline | f | 250.000 g/l prothioconazole |
| Raxil Pro | f | 150 ml/100 kg of seed |
| Redigo Deter | f | 200 ml/100 kg of seed |
| Roundup Metro | h | 360 g/l glyphosate |

| | | |
|--------------|---|---|
| Samson | h | 40 g/l nicosulfuron |
| Slingshot | h | 360 g/l glyphosate |
| Splice | f | 233 g/l and 67 g/l boscalid and epoxiconazole |
| Stomp 400 SC | h | 400 g/l pendimethalin |
| Talius | f | 200 g/l proquinazid |
| Weedazol-TL | h | 225 g/l amitrol |

Note: Seed dressing rates indicated for Anchor, Beret Gold, Mesurol, Redigo Deter and Raxil Pro are those recommended by the manufacturer and may differ from the actual rate used.