

Weed Research Organisation and IACR Long Ashton Technical Reports
Total of 111 published between 1963 to 1995: Complete list of titles

An index of herbicide codes used in the Report titles below and the relevant active ingredient can be found at the end of this document.

1. Susceptibility of ornamental plants to simazine and other chemicals. Trees and shrubs. November, 1964. G.W. Ivens.
2. 3,5-Di-iodo-4-hydroxybenzotrile. A progress report on experimental work by the A.R.C. Weed Research Organization. May-October, 1963. K. Holly and J. Holroyd.
3. Chemical control of bracken. 1964. G.L. Hodgson.
4. Susceptibility of ornamental plants to simazine and other chemicals. Annuals, biennials and herbaceous perennials. April, 1965. G.W. Ivens.
5. A survey of the problem of aquatic weed control in England and Wales. October, 1967. T.O. Robson.
6. The botany, ecology, agronomy and control of *Poa trivialis* L. rough-stalked meadow-grass. November 1966. G P Allen.
7. Flame cultivation experiments 1965. October 1966. G W Ivens
8. The development of selective herbicides for kale in the United Kingdom. 2. The methylthiotriazines.
10. The liverwort, *Marchantia polymorpha* L. as a weed problem in horticulture; its extent and control. July 1968. I E Henson.
11. Raising plants for herbicide evaluation; a comparison of compost types. July 1968. I E Henson.
- 12.* Studies on the regeneration of perennial weeds in the glasshouse; I. Temperate species. May 1969. I E Henson.
13. Changes in the germination capacity of three *Polygonum* species following low temperature moist storage. May 1969. I E Henson.
14. Studies on the regeneration of perennial weeds in the glasshouse. II. Tropical species. May 1970. I E Henson.
15. Methods of analysis for herbicide residues. February 1977. (second edition).
16. Report on a joint survey of the presence of wild oat seeds in cereal seed drills in the United Kingdom during spring 1970. November 1970. J G Elliott and P J Attwood.
17. The pre-emergence selectivity of some newly developed herbicides, Orga 3045 (in comparison with dalapon), haloxydine (PP 493), HZ 52.112, pronamide (RH 315) and R 12001. January 1971. W G Richardson, C Parker and K Holly.

18. A survey from the roadside of the state of post-harvest operations in Oxfordshire in 1971. A Philipson.
- 19.* The pre-emergence selectivity of some recently developed herbicides in jute, kenaf and sesamum, and their activity against Oxalis latifolia. December 1971. M L Dean and C Parker.
- 20.* A survey of cereal husbandry and weed control in three regions of England. July 1972. A Philipson, T W Cox and J G Elliot.
21. An automatic punching counter. November 1972. R C Simmonds.
22. The pre-emergence selectivity of some newly developed herbicides: bentazon, BAS 373OH, metflurazone, SAN 9789, HER 52.123, U 27,267. December 1972. W G Richardson and M L Dean.
23. A survey of the presence of wild oats and blackgrass in parts of the United Kingdom during summer 1972. A Philipson.
24. The conduct of field experiments at the Weed Research Organization. February 1973. J G Elliott, J Holroyd and T O Robson.
25. The pre-emergence selectivity of some recently developed herbicides: lenacil, RU 12068, metribuzin, cyprazine, EMD-IT 5914 and benthocarb. August 1973. W G Richardson and M L Dean.
26. The post-emergence selectivity of some recently developed herbicides: bentazone, EMD-IT 6412, cyprazine, metribuzin, chlornitrofen, glyphosate, MC 4379, Chlorfenprop-methyl. October 1973. W G Richardson and M L Dean.
27. Selectivity of benzene sulphonyl carbamate herbicides between various pasture grasses and clover. October 1973. A M Blair.
28. The post-emergence selectivity of eight herbicides between pasture grasses: RP 17623, HOE 701, BAS 3790, metoxuron, RU 12068, cyprazine, MC 4379, metribuzin. October 1973. A M Blair.
- 29.* The pre-emergence selectivity between pasture grasses of twelve herbicides: haloxydine, pronamide, NC 8438, Orga 3045, chlortoluron, metoxuron, dicamba, isopropalin, carbetamide, MC 4379, MBR 8251 and EMD-IT 5914. November 1973. A M Blair.

30. Herbicides for the control of the broad-leaved dock (Rumex obtusifolius L.). November 1973. A M Blair and J Holroyd.
31. Factors affecting the selectivity of six soil acting herbicides against Cyperus rotundus. February 1974. M L Dean and C Parker.
32. The activity and post-emergence selectivity of some recently developed herbicides: oxadizon, U-29,722, U-27,658, metflurazone, norflurazone, AC 50-191, AC 84,777 and iprymidam. June 1974. W G Richardson and M L Dean.
33. A permanent automatic weather station using digital integrators. September 1974. R C Simmonds.
34. The activity and pre-emergence selectivity of some recently developed herbicides: trifluralin, ispropalin, oryzalin, dinitramine, bifenox and perfluidone. November 1974. W G Richardson and M L Dean.
35. A survey of aquatic weed control methods used by Internal Drainage Boards, 1973. January 1975. T O Robson.
36. The activity and pre-emergence selectivity of some recently developed herbicides: Bayer 94871, tebuthiuron, AC 92553. March 1975. W G Richardson and M L Dean.
37. Studies on Imperata cylindrica (L.) Beauv. and Eupatorium odoratum L. October 1975. G W Ivens.
38. The activity and pre-emergence selectivity of some recently developed herbicides: metamiltron, HOE 22870, HOE 23408, RH 2915, RP 20630. March 1976. W G Richardson, M L Dean and C Parker.
39. The activity and post-emergence selectivity of some recently developed herbicides: HOE 22870, HOE 23408, flamprop-methyl, metamiltron and cyperquat. May 1976. W G Richardson and C Parker.
40. The activity and pre-emergence selectivity of some recently developed herbicides: RP 20810, oxadiazon, chloronitrofen, nitrofen, flamprop-isopropyl. August 1976. W G Richardson, M L Dean and C Parker.

41. The activity and pre-emergence selectivity of some recently developed herbicides: K 1441, mefluidide, WL 29226, epronaz, Dowco 290 and triclopyr. November 1976. W G Richardson and C Parker.
42. The activity and post-emergence selectivity of some recently developed herbicides: KUE 2079A, HOE 29152, RH 2915, triclopyr and Dowco 290. March 1977. W G Richardson and C Parker.
43. The activity and pre-emergence selectivity of some recently developed herbicides: dimefuron, hexazinone, trifop-methyl, fluothiuuron, buthidazole and butam. November 1977. W G Richardson and C Parker.
44. The activity and selectivity of the herbicides: ethofumesate, RU 12709 and isoproturon. December 1977. W G Richardson, C Parker and M L Dean.
45. Methods of analysis for determining the effects of herbicides on soil micro-organisms and their activities. January 1978. M P Greaves, S L Cooper, H A Davies, J A P Marsh and G I Wingfield.
46. Pot experiments at the Weed Research Organization with forest crop and weed species. February 1978. D J Turner and W G Richardson.
47. Field experiments to investigate the long-term effects of repeated applications of MCPA, tri-allate, simazine and linuron - effects on the quality of barley, wheat, maize and carrots. July 1978. J D Fryer, P D Smith and J W Ludwig.
48. Factors affecting the toxicity of paraquat and dalapon to grass swards. March 1978. A K Oswald.
49. The activity and post-emergence selectivity of some recently developed herbicides: NP 48, RH 5205 and Pyridate. May 1978. W G Richardson and C Parker.
50. Sedge weeds of East Africa - II. Distribution. July 1978. P J Terry.
51. The activity and selectivity of the herbicides methabenzthiazuron, metoxuron, chlortoluron and cyanazine. September 1978. W G Richardson and C Parker.
52. Antidotes for the protection of field bean (Vicia faba L.) from damage by EPTC and other herbicides. February 1979. A M Blair.

53. Antidotes for the protection of wheat from damage by tri-alleate. February 1979. A M Blair.
54. The activity and pre-emergence selectivity of some recently developed herbicides: alachlor, metolachlor, dimethachlor, alloxym-sodium and fluridone. April 1979. W G Richardson and C Parker.
55. The activity and selectivity of the herbicides carbetamide, methazole, R 11913 and OCS 21693. May 1979. W G Richardson and C Parker.
56. Growing weeds from seeds and other propagules for experimental purposes. July 1979. R H Webster.
57. The activity and pre-emergence selectivity of some recently developed herbicides: R 40244, AC 206784, pendimethalin, butralin, acifluorfen and FMC 39821. December 1979. W G Richardson, T M West and C Parker.
58. The tolerance of fenugreek (Trigonella foenumgraecum L.) to various herbicides. December 1979. W G Richardson.
59. Recommended tests for assessing the side-effects of pesticides on the soil microflora. April 1980. M P Greaves, N J Poole, K H Domsch, G Jagnow and W Verstraete.
60. Properties of natural rainfalls and their simulation in the laboratory for pesticide research. September 1980. R C Simmonds.
61. The activity and post-emergence selectivity of some recently developed herbicides: R 40244, DPX 4189, acifluorfen, ARD 34/02 (NP 55) and PP 009. November 1980. W G Richardson, T M West and C Parker.
62. The activity and pre emergence selectivity of some recently developed herbicides: UBI S-734, SSH-43, ARD 34/02 (NP 55), PP 009 and DPX 4189. February 1981. W G Richardson, T M West and C Parker.
63. The activity and post-emergence selectivity of some recently developed herbicides: SSH-41, MB 30755, AC 213087, AC 222293 and Dowco 433. May 1981. W G Richardson, T M West and C Parker.
64. The activity and pre-emergence selectivity of some recently developed herbicides: chlomethoxynil, NC 20484 and MBR 18337. March 1982. W G Richardson, T M West and C Parker.

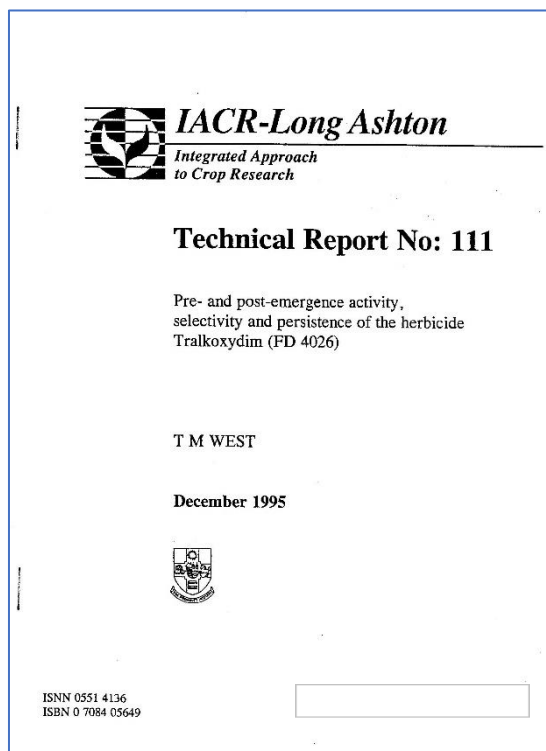
65. A system for monitoring environmental factors in controlled environment chambers and glasshouses, June 1982. R C Simmonds.
66. The activity and pre emergence selectivity of some recently developed herbicides: AC 213087 and AC 222293. December 1982. W G Richardson, T M West and C Parker.
67. The activity and post-emergence selectivity of some recently developed herbicides: trifopsime, glufosinate, RH 8817, MBR 18337 and NC 20484. December 1982. W G Richardson, T M West and C Parker.
68. The activity and pre-emergence selectivity of some recently developed herbicides: WL 49818, WL 82830, WL 83627, WL 83801 and DPX 5648. December 1982. W G Richardson, T M West and C Parker. Price £4.00
69. The activity and late post-emergence selectivity of some recently developed herbicides: AC 252925, DOWCO 453, HOE 33171 and HOE 35609. March 1983. W G Richardson, T M West and G P White.
70. The potential of various herbicides for selective control of weed grasses and Stellaria media in newly sown ryegrass/clover leys and ryegrass seed crops. May 1983. F W Kirkham.
71. A feasibility study of the use of chemicals for rural amenity areas. Sponsored by the Countryside Commission. September 1983. E J P Marshall.
72. The activity and late post-emergence selectivity of FBC 32197. November 1983. W G Richardson, T M West and G P White.
73. Paraquat persistence - statistical analysis of the WRO long term trial. January 1984. R J Hance, T H Byast, P D Smith and T M Weight. Price £1.00
74. The activity and post-emergence selectivity of some recently developed herbicides: AC 252214, DPX-T6376 and chlorazifop. February 1984. W G Richardson, T M West and G P White.
75. The effect of temperature and soil moisture on the activity of isoproturon and chlortoluron on Alopecurus myosuroides and winter wheat. May 1984. A M Blair.
76. A laboratory rainfall simulator for pesticide studies. May 1984. R C Simmonds.

77. Experiments on the effects of the herbivorous fish, grass carp (Ctenopharyngodon idella Val.) on aquatic vascular plants, algae, zooplankton and phytoplankton and the importance of water temperature on the success of weed control. September 1984. M C Fowler
78. The activity and post-emergence selectivity of some recently developed herbicides: MCPA-thioethyl, MT-124, tridiphane, aclonifen and RST 20024 H. October 1984. W G Richardson and T M West.
79. A preliminary study on the effect of some agricultural herbicides on a range of field margin flora. November 1984. J E Birnie.
80. The activity and pre-emergence selectivity of some recently developed herbicides: imazaquin, isoxaben, metsulfuron-methyl, aclonifen and orbencarb. December 1984. W G Richardson and T M West.
81. The side effects of alloxymid sodium, sethoxydim, acifluorfen and fluazifop-butyl on legume growth and nodulation. January 1985. J M Bebb, M P Greaves and W G Richardson.
82. An IRGA system for continuous monitoring of CO₂ and H₂O vapour exchange in replicate plants growing in controlled environments. January 1985. C R Merritt and R C Simmonds.
83. A laboratory pot sprayer for use with controlled environment chambers. February 1985. R C Simmonds and J A Drinkwater.
84. Maps of the changes in the weeds of Boddington Barn field over twenty years (1961-1981). March 1985. R J Chancellor.
85. The use of bentazone and pyridyl herbicides alone and in mixtures for the control of creeping thistle (Cirsium arvense L.) in grassland. April 1985. W G Richardson, A K Oswald and T M West.
86. The activity and pre-emergence selectivity of some recently developed herbicides: metazachlor, butamifos, MT-124, tridiphane, MK 616 and prodiamine. May 1985. W G Richardson and T M West.
87. The potential use of grass growth retardants at Sullom Voe terminal, Shetland. A report prepared for W J Cairns and Partners, 16 Randolph Crescent, Edinburgh, Environmental Consultants to BP Petroleum Development Ltd as Operators of Sullom Voe Terminal. May 1985. E J P Marshall.

88. A further study of the effect of six cereal herbicide treatments on a range of broad-leaved field margin plants. June 1985. J E Birnie.
89. The activity, pre- and post-emergence selectivity of diflufenican. December 1985. W G Richardson and T M West.
90. The pre-emergence selectivity in warm-climate species of some recently developed herbicides: imazaquin, AC 263499, cinmethylin and isoxaben. January 1986. C Parker and A K Wilson.
91. The activity, pre-emergence selectivity and persistence of some recently developed herbicides: DOWCO 453, quizalofop-ethyl, BAS 517 00H, cinmethylin, AC 263499 and RST 20024H. W G Richardson and T M West.
92. The activity and post-emergence selectivity of some recently developed herbicides: SMY 1500, PPG 884, PPG 1259 and DPX-M 6316. W G Richardson and T M West. February 1986.
93. The pre-emergence selectivity in warm-climate species of some recently developed herbicides: metazachlor, RST 20024H, orbencarb and diflufenican. C Parker and A K Wilson. February 1986.
94. Screening strawberries for tolerance to 96 herbicides and growth regulators applied to the foliage and roots. D V Clay. February 1986.
95. Grass growth retardant use at Sullom Voe Terminal, Shetland 1985 Programme Report. (A report prepared for W J Cairns & Partners, 16 Randolph Crescent, Edinburgh, Environmental Consultants to BP Petroleum Development Limited as Operators of Sullom Voe Terminal). E J P Marshall. August 1986.
96. Studies of the flora in Arable Field Margins. E J P Marshall. October 1986.
97. The post-emergence selectivity in warm-climate species of some recently developed herbicides: SMY 1500, PPG 884, PPG 1259 and DPX-M 6316. A K Wilson and C Parker. February 1987.
98. The activity, pre-emergence selectivity and persistence of some recently developed herbicides: SMY 1500, PPG 884, PPG 1259, DPX-M 6316 and FMC 57020. T M West and W G Richardson. November 1987.

99. The pre-emergence selectivity in warm-climate species of some recently developed herbicides: SMY 1500, PPG 884, PPG 1259, DPX-M 6316 and FMC 57020. A K Wilson and C Parker. August 1988.
100. The post-emergence selectivity in warm-climate species of some recently developed herbicides: AC 263499, BAS 514, CGA 131036, DPX L5300, and DPX A7881. A K Wilson. August 1988.
101. The pre-emergence selectivity in warm climate species of some recently developed herbicides: CGA 131036, DPX L5300, DPX A7881 and BAS 514. A K Wilson. August 1988.
102. The post-emergence selectivity in warm-climate species of two recently developed herbicides: FD 4026 (PP604) and BAS 51700H. A K Wilson. August 1988.
103. Assessment of amenity grass mixtures for use in low-maintenance situations. G Donaldson, G M Arnold and M Perry. February 1988.
104. The activity and post-emergence selectivity of some recently developed herbicides: imazethapyr, BAS 51800H, DPX-L5300, triasulfuron and DPX-A7881. T M West. June 1988.
105. Further assessments of amenity grass mixtures for use in low maintenance situations. G Donaldson, G M Arnold and S Cooper. March 1989.
106. The activity, pre-emergence selectivity and persistence of some recently developed herbicides: BAS 51800H, DPX-L5300, triasulfuron, DPX-A7881 and fluroxypyr. T M West. November 1989.
107. Pre-emergence and post-emergence selectivity and persistence of the herbicide UBI C4874. T M West. August 1992.
108. The activity, pre-emergence and post-emergence selectivity and persistence of the herbicide SAN 582 H. T M West. January 1993.
109. The pre- and post-emergence activity, selectivity and persistence of the herbicide fluoroglycofen-ethyl (RH 0265). T M West. April 1993.
110. The pre- and post- emergence activity and selectivity of the herbicide amidosulfuron (HOE 075032). T M West. October 1994.

Last report:



This index only includes coded herbicides and not those with approved common names when evaluated. Search on report titles for those.

Herbicide Code in titles of reports	Herbicide active ingredient	Report Number(s)
3,5-di-iodo-4-hydroxybenzotrile	ioxynil	2
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AC 222293	imazamethabenz-methyl	63 & 66
AC 252214	imazaquin	74
AC 252925	imazapyr	69
AC 263499	imazethapyr	90, 91 & 100
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AC 92553	pendimethalin	36
ARD 34/02 (NP 55)	sethoxydim	61 & 62
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BAS 517 00H	cycloxydim	91 & 102
BAS 518 00H	quinmerac	104 & 106
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NC 8438	ethofumesate	29
NP 48	alloxydim	49
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Orga 3045	flupropanate-sodium	17 & 29
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