# BRIGHTON CROP PROTECTION CONFERENCE

Weeds - 1993 Volume 1

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Effect of spray additives on droplet size and drift potential of aerial sprays R SANDERSON, A J HEWITT, E W HUDDLESTON et al		
Dynamic surface tension effects on spray droplet adhesion of organosilicones G A POLICELLO, G J MURPHY, P J G STEVENS and W A FORSTER	10A-3	1325
Varying responses among weed species to glyphosate-trimesium in the presence of an organosilicone surfactant A D BAYLIS and C A HART		
New glyphosate herbicide formulations set new standards of operator and environmental safety T G A CLEMENCE and C R MERITT	10A-5	1337
Seed soil and seed oil derivatives as adjuvants for metamitron U RECKMANN	10A-6	1341
Testing of additives with sugar beet herbicides - a simple or complex undertaking?  M J MAY	10A-7	1347

### SESSION 10B FATE AND SIGNIFICANCE OF HERBICIDE RESIDUES IN SOIL AND WATER - MODELLING

### Papers

The development and application of integrated database for modelling the environmental fate of herbicides  J M HOLLIS, S H HALLETT and C A KEAY
Development of expert systems to aid herbicide use with regard to their behaviour in soil W PESTEMER, P GÜNTER, M B WISCHNEWSKY et al
Advantages and potential pitfalls in the use of models for regulatory control of pesticide usage D I GUSTAFSON