PROCEEDINGS OF THE
1980
BRITISH CROP PROTECTION
CONFERENCE – WEEDS
(15th British Weed Control Conference)

VOLUME 1

17th to 20th November 1980

HOTEL METROPOLE, BRIGHTON,
ENGLAND

The Conference was organised by The British Crop Protection Council.
The proceedings may be obtained from Miss M. Billitt, ‘Shirley’,
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<td>acid equivalent</td>
<td>a.e.</td>
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<tr>
<td>active ingredient</td>
<td>a.i.</td>
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<tr>
<td>aqueous concentrate</td>
<td>a.c.</td>
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<tr>
<td>boiling point</td>
<td>b.p.</td>
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<tr>
<td>British Standards Institution</td>
<td>BSI</td>
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<tr>
<td>Centigrade</td>
<td>°C</td>
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<tr>
<td>centimetres</td>
<td>cm</td>
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<tr>
<td>concentrated</td>
<td>concd</td>
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<tr>
<td>concentration</td>
<td>concn</td>
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<tr>
<td>concentration x time product</td>
<td>ct</td>
</tr>
<tr>
<td>concentration required to kill 50% test animals</td>
<td>LD50</td>
</tr>
<tr>
<td>Controlled droplet application</td>
<td>CDA</td>
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<tr>
<td>cultivar(s)</td>
<td>cv.</td>
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<tr>
<td>day</td>
<td>d</td>
</tr>
<tr>
<td>diameter</td>
<td>diam.</td>
</tr>
<tr>
<td>diameter at breast height</td>
<td>d.b.h.</td>
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<tr>
<td>dispersible powder</td>
<td>d.p.</td>
</tr>
<tr>
<td>dry matter</td>
<td>d.m.</td>
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<tr>
<td>dynes per square centimetre</td>
<td>dyn/cm²</td>
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<tr>
<td>Edition</td>
<td>Edn</td>
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<td>Editor(s)</td>
<td>Ed (s)</td>
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<tr>
<td>emulsifiable concentrate</td>
<td>e.c.</td>
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<tr>
<td>freezing point</td>
<td>f.p.</td>
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<tr>
<td>gas liquid chromatography</td>
<td>GLC</td>
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<tr>
<td>gramme</td>
<td>g</td>
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<td>hectare</td>
<td>ha</td>
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<td>high pressure liquid chromatography</td>
<td>HPLC</td>
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<td>high volume</td>
<td>HV</td>
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<td>horse power</td>
<td>hp.</td>
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<tr>
<td>hour</td>
<td>h</td>
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<tr>
<td>infra red</td>
<td>i.r.</td>
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<tr>
<td>International Organisation for Standardisation</td>
<td>ISO</td>
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<tr>
<td>kelvin</td>
<td>°K</td>
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<tr>
<td>kilogramme</td>
<td>kg</td>
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<tr>
<td>kilogrammes per hectare</td>
<td>kg/ha</td>
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<tr>
<td>kilometre per hour</td>
<td>km/h</td>
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<tr>
<td>litre</td>
<td>l.</td>
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<tr>
<td>litres per hectare</td>
<td>l/ha</td>
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<tr>
<td>litres per hour</td>
<td>l/h</td>
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<tr>
<td>low volume</td>
<td>LV</td>
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<tr>
<td>maximum</td>
<td>max.</td>
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<td>median lethal dose</td>
<td>LD50</td>
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<td>medium volume</td>
<td>MV</td>
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<td>melting point</td>
<td>m.p.</td>
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<tr>
<td>metre</td>
<td>m</td>
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<td>milligramme</td>
<td>mg</td>
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<td>millilitre</td>
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<tr>
<td>millimetre</td>
<td>mm</td>
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<tr>
<td>minimum</td>
<td>min.</td>
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<td>minute</td>
<td>min.</td>
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<td>molar concentration</td>
<td>M</td>
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<tr>
<td>normal concentration</td>
<td>N</td>
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<tr>
<td>number mean diameter</td>
<td>n.m.d.</td>
</tr>
<tr>
<td>number average diameter</td>
<td>n.a.d.</td>
</tr>
<tr>
<td>oil miscible concentrate</td>
<td>o.m.s.</td>
</tr>
<tr>
<td>organic matter</td>
<td>o.m.</td>
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millimetre mm
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minute min
molar concentration M
normal concentration N
number mean diameter n.m.d.
number average diameter n.a.d.
oil miscible concentrate o.m.c.
organic matter o.m.
page p.
pages pp.
parts per million ppm
parts per million by volume ppmv
parts per million by weight ppmw
percentage %
post-emergence p.e.
powder for dry application p.f.d.
power take off p.t.o.
pre-emergence p.e.
relative humidity r.h.
revolutions per minute rev/min
Richardson number R₁
second s
second s.c.
soluble concentrate s.c.
soluble powder s.p.
species (singular) spp.
species (plural) spp.
square metre m²
subspecies ssp.
surface mean diameter s.m.d.
temperature temp.
temperature TLC
tonne t
ultra-low volume ULV
ultra-violet u.v.
vapour pressure v.p.
variety (botanical use) var.
very low volume VLVZ
volume vol.
volume mean diameter of spray drop v.m.d.
volume average diameter of spray drop v.a.d.
volume per volume v/v
water soluble concentrate w.s.c.
water soluble powder w.s.p.
weight wt
weight by volume w/v
weight by weight w/w
wettable powder w.p.
year y
less than <
more than >
milli (x 10⁻³) m
micro (x 10⁻⁶) µ
nano (x 10⁻⁹) n
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1980
BRITISH CROP PROTECTION
CONFERENCE — WEEDS
(15th British Weed Control Conference)

VOLUME 3

17th to 20th November, 1980

HOTEL METROPOLE, BRIGHTON,
ENGLAND

The Conference was organised by the British Crop Protection Council. The proceedings may be obtained from Miss M. Billitt, ‘Shirley’, Westfields, Cradley, Malvern, Worcester.
ERRATA

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Chemical structure should be:

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\begin{array}{c}
\text{CF}_3 & \text{O} & \text{CH}_3 \\
\end{array}
\begin{array}{c}
\text{OCHCOO(CH}_2\text{)}_3\text{CH}_3 \\
\end{array}
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Bottom line should read:

to the same rate post-sowing-post-emergence.

Page 87

Table 1, column headed 'Winter Wheat' 'Maris Huntsman'
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