

Weed susceptibility to foliar-acting, non-selective contact herbicides*

| Weed species | Latin name | Type of weed | Carfentrazone-ethyl | Glyphosate | Pelargonic acid |
|---------------------------|--------------------------------|------------------|---------------------|------------|-----------------|
| Bindweed, black | <i>Fallopia convolvulus</i> | Annual | S | S | |
| Bindweed, field | <i>Convolvulus arvensis</i> | Perennial | S | MS | |
| Bittercress, hairy | <i>Cardamine hirsuta</i> | Annual | | S | |
| Black-grass | <i>Alopecurus myosuroides</i> | Annual | R | | R |
| Bugloss | <i>Anchusa arvensis</i> | Annual | | S | |
| Buttercup, creeping | <i>Ranunculus repens</i> | Perennial | | S | S |
| Campion, white | <i>Silene latifolia</i> | Perennial | | S | |
| Cereals, volunteer | <i>Various species</i> | Annual | R | S | R |
| Chamomile, wild | <i>Matricaria chamomilla</i> | Annual | | S | S |
| Charlock | <i>Sinapis arvensis</i> | Annual | S | S | |
| Chickweed, common | <i>Stellaria media</i> | Annual | MR | S | S |
| Chickweed, mouse-ear | <i>Cerastium fonantum</i> | Perennial | | S | |
| Cleavers | <i>Galium aparine</i> | Annual/perennial | S | S | |
| Clover | <i>Trifolium species</i> | Annual/perennial | | MS | S |
| Corn marigold | <i>Glebionis segetum</i> | Annual | | S | |
| Corn spurrey | <i>Spergula arvensis</i> | Annual | | S | S |
| Couch grass | <i>Elymus repens</i> | Perennial | R | S | MR |
| Crane's-bill, dove's-foot | <i>Geranium molle</i> | Perennial | S | S | |
| Daisy | <i>Bellis perennis</i> | Perennial | | S | |
| Dandelions | <i>Taraxacum species</i> | Perennial | | S | S |
| Dead-nettle, henbit | <i>Lamium amplexicaule</i> | Annual | | S | |
| Dead-nettle, red | <i>Lamium purpureum</i> | Annual | S | S | S |
| Dock, broad-leaved | <i>Rumex obtusifolius</i> | Perennial | | S | |
| Fat-hen | <i>Chenopodium album</i> | Annual | S | S | S |
| Fleabane, Canadian | <i>Conyza canadensis</i> | Annual | R | MR | S |
| Fool's parsley | <i>Aethusa cynapium</i> | Annual | | S | |
| Forget-me-not, field | <i>Myosotis arvensis</i> | Annual | | S | |
| Fumitory, common | <i>Fumaria officinalis</i> | Annual | | S | S |
| Gallant soldier | <i>Galinsoga parviflora</i> | Annual | | S | |
| Groundsel | <i>Senecio vulgaris</i> | Annual | MR | S | S |
| Hemp-nettle, common | <i>Galeopsis tetrahit</i> | Perennial | | S | |
| Hogweed | <i>Heracleum sphondylium</i> | Perennial | | S | |
| Horsetail, field | <i>Equisetum arvense</i> | Perennial | R | MR | S |
| Knotgrass | <i>Polygonum aviculare</i> | Perennial | S | S | MS |
| Mayweed, scented | <i>Matricaria recutita</i> | Annual | MR | S | |
| Meadow-grass, annual | <i>Poa annua</i> | Annual | R | S | MR |
| Mercury, annual | <i>Mercurialis annua</i> | Annual | | S | |
| Nettle, small | <i>Urtica urens</i> | Annual | S | S | S |
| Nettle, stinging | <i>Urtica dioica</i> | Perennial | | MS | S |
| Nightshade, black | <i>Solanum nigrum</i> | Annual | S | S | S |
| Oats, wild | <i>Avena species</i> | Biennial | R | S | R |
| Orache, common | <i>Atriplex patula</i> | Annual | | S | |
| Oxalis | <i>Oxalis europaea</i> | Annual/perennial | | S | |
| Pale persicaria | <i>Persicaria lapathifolia</i> | Annual | | S | |
| Pansy, field | <i>Viola arvensis</i> | Annual | S | S | S |
| Parsley-piert | <i>Aphanes arvensis</i> | Biennial | | S | |
| Penny-cress, field | <i>Thlaspi arvense</i> | Annual | | S | |
| Plantains | <i>Plantago species</i> | Perennial | | MS | MS |
| Poppy, common | <i>Papaver rhoeas</i> | Annual | | S | |
| Radish, wild | <i>Raphanus raphanistrum</i> | Annual | MS | S | |
| Ragwort | <i>Jacobaea vulgaris</i> | Annual/perennial | MS | S | |
| Redshank | <i>Persicaria maculosa</i> | Annual | S | S | |
| Ryegrass | <i>Lolium species</i> | Annual/perennial | | MR | |
| Scarlet pimpernel | <i>Anagallis arvensis</i> | Annual | S | S | |
| Shepherd's purse | <i>Capsella bursa-pastoris</i> | Annual | S | S | S |
| Sowthistle, common | <i>Sonchus oleraceus</i> | Annual/perennial | S | S | S |
| Speedwell, common field | <i>Veronica persica</i> | Annual | S | S | S |
| Speedwell, ivy-leaved | <i>Veronica hederifolia</i> | Annual | R | S | S |
| Thistle, creeping | <i>Cirsium arvense</i> | Perennial | | S | |
| Willow | <i>Salix species</i> | Perennial | | S | |
| Willowherb | <i>Epilobium species</i> | Annual/perennial | S | MS | S |
| Yellow-cress, creeping | <i>Rorippa sylvestris</i> | Perennial | | MR | |

Key

| | |
|----|------------------------|
| S | Susceptible |
| MS | Moderately susceptible |
| MR | Moderately resistant |
| R | Resistant |

See www.hracglobal.com for more information

*Active substances listed due to range of available products

Disclaimer

The weed susceptibility charts have been created using the information contained within individual product labels, AHDB Horticulture information, various published technical literature, and 'field experience'. Neither HTA or Zest Sustainable ICM accept liability for omissions, incorrect information or any subsequent changes made. Correct as of December 2024.

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Technical support

For further technical support contact the HTA Nursery Production Advice Line on 0333 005 0167 or email nurseryproduction@hta.org.uk.