

Weed susceptibility to soil-acting, pre-emergence herbicides

Weed species	Latin name	Type of weed	Centium 360 CS	Defy	Devrinol	Dual Gold	Efeckt	Flexidor	Fox	Goltix 70 SC	Hurricane SC	Kerb Flo	Nirvana	Paramount	Praxim	Samson Extra 6%	Sencorex Flow	Springbok	Starane XL	Stomp Aqua	Sunfire	Sultan 50 SC	Titus	Venzar 500 SC	Wing-P
Bindweed, black	Fallopia convolvulus	Annual	MR		MS	R	S	S		R		S	S		MR	MS	MS	MS		MS		S	MS	S	S
Bindweed, field	Convolvulus arvensis	Perennial				R	S			S												S		MR	
Bittercress, hairy	Cardamine hirsuta	Annual			MR	MR		S									S					S		S	S
Black-grass	Alopecurus myosuroides	Annual					S					S					S	MR				MS		S	
Bugloss	Anchusa arvensis	Annual								MS		S					S								
Campion, white	Silene latifolia	Perennial			S	S	MR	S		MS		S												S	
Cereals, volunteer	Various species	Annual			MS			R												R			S	MS	
Chamomile, wild	Matricaria chamomilla	Annual								S										R		MS		S	
Charlock	Sinapis arvensis	Annual	R		R		S	S	MS	S	S	R	S	S	S		S	MR		R	MS	MR	S	S	S
Chickweed, common	Stellaria media	Annual	S	S	S	MS	S	S		S	S	S	S	S	S	S	S	S	S	S	MS	S	S	S	S
Chickweed, mouse-ear	Cerastium fonantum	Perennial			S	S				S	S						S			S		S	S	S	S
Cleavers	Galium aparine	Annual/perennial	S	MS	S	R	S	MR	MR	R		MS					R	S	S	MR	MS	MR	S	R	S
Clover	Trifolium species	Annual/perennial			MS	R		S				R					S			R					S
Corn marigold	Glebionis segetum	Annual			R							R								S				S	S
Corn spurrey	Spergula arvensis	Annual			S		S	S		S	S	S					S					MS		S	S
Couch grass	Elymus repens	Perennial				S		S																	
Crane's-bill, dove's-foot	Geranium molle	Perennial	S	S				MS	S			R						S		MS	MR	MR			
Daisy	Bellis perennis	Perennial											MS												
Dandelions	Taraxacum species	Perennial			S	R	S	S		MR		S	S							R				R	
Dead-nettle, henbit	Lamium amplexicaule	Annual			MS	S	S	S		S	S		S				S			S		S		S	S
Dead-nettle, red	Lamium purpureum	Annual	S	S	S	S	R	S	S	S	S	S	S				S	S		S	MR	S	S	MS	S
Dock, broad-leaved	Rumex obtusifolius	Perennial			S	MR	MS	R		MR		S												R	S
Fat-hen	Chenopodium album	Annual	MS		S	MS	S	S		S					S	MS	S	MS		S		MS	MR	S	S
Fleabane, Canadian	Conyza canadensis	Annual			MS	R		MS				MS								R		S		R	
Fool's parsley	Aethusa cynapium	Annual					R			MR			MR							S					
Forget-me-not, field	Myosotis arvensis	Annual		S	S		S	S	MS	MS	S	MS	S				S	MS		S		MS		S	MS
Fumitory, common	Fumaria officinalis	Annual	R					S		MR		MS	S		MR		MS	R		MS		R		S	R
Gallant soldier	Galinzoga parviflora	Annual					S	S		S		S	S							S				S	
Groundsel	Senecio vulgaris	Annual	S		S	MS	MS	MR		S		R	S		S		MS	S		R	MR	S		MS	MS
Hemp-nettle, common	Galeopsis tetrahit	Perennial										MS					S			S			S	R	S
Hogweed	Heracleum sphondylium	Perennial			R					S										S				S	S
Horsetail, field	Equisetum arvense	Perennial			S	R	S	S		S		MS								R					S
Knotgrass	Polygonum aviculare	Perennial	MR		S	R	S	S		MS		S	S		MS	MS	S	R		S		R	MS	S	S
Mayweed, scented	Matricaria recutita	Annual	S		S	S	S	S		MS		S	MS		S	S	S	S	S	MS	MS	MS	S	MS	S
Meadow-grass, annual	Poa annua	Annual	MS	MS	S	S	S	R		S		S			S	S	S	S		S	S	S		S	S
Mercury, annual	Mercurialis annua	Annual										R	MS		MS		MS								
Nettle, small	Urtica urens	Annual	MR		MS	R	MS	S		MS		S	S				R	S		S		MS	S	MS	S
Nettle, stinging	Urtica dioica	Perennial			MS	S	MS	S		S		S	S				S			S				MR	
Nightshade, black	Solanum nigrum	Annual		S	R	S	MS	R		S					MR	MS	R	MR		MR		S	MS	R	S
Oats, wild	Avena species	Biennial						R										R		R	MR			R	MS
Orache, common	Atriplex patula	Annual						S		S			S			MS	S	MS		S				S	S
Oxalis	Oxalis europaea	Annual/perennial			MS	R	MS	MR		S			MR							S				R	S
Pale persicaria	Persicaria lapathifolia	Annual			MS		MS	S		MS						MS	S						MS	S	S
Pansy, field	Viola arvensis	Annual	R	R	MS	MS	MS	S	S	MS	S	S	MR		MR		S	MR		S	R	R		R	MS
Parsley-piert	Aphanes arvensis	Biennial			R		R			S	S		MR							S		S			S
Penny-cress, field	Thlaspi arvense	Annual			R		MS			MS		MS	S				S			MS		R		S	
Plantains	Plantago species	Perennial			S	MS		MS		S		R												MS	
Poppy, common	Papaver rhoeas	Annual	R		S	S	S	S	MS	S	S		S				S	S		S	MR	R		S	MS
Radish, wild	Raphanus raphanistrum	Annual				R	S	S			S		MS	S			S		S	R				S	
Ragwort	Jacobaea vulgaris	Annual/perennial					R			S			S						S					MR	
Redshank	Persicaria maculosa	Annual			MS	R	S	S		MS		S	S			MS	S	R		MS		MS	S	S	S
Ryegrass	Lolium species	Annual/perennial															S				MS				S
Scarlet pimpernel	Anagallis arvensis	Annual			R					MS			S				S			S				S	S
Shepherd's purse	Capsella bursa-pastoris	Annual	S		MS	S	MS	S	MS	S	S	MS	MR	S	S	S	S	S		MS		S		S	S
Sowthistle, common	Sonchus oleraceus	Annual/perennial			MS	S		MS		MR		R	MR				S	S		S		MS		S	MS
Speedwell, common field	Veronica persica	Annual	S	S	S	S	MS	S	S	S	S	S	S				S	S		S	MR	S		MS	S
Speedwell, ivy-leaved	Veronica hederifolia	Annual	S	S	S	S	MS	S	S	MS	S		S				S	S		S	MR	S		R	S
Thistle, creeping	Cirsium arvense	Perennial			S	S						S													
Willow	Salix species	Perennial						S														S		S	
Willowherb	Epilobium species	Annual/perennial			S	S	S	R		MS		R						S		R		S		R	S
Yellow-cress, creeping	Rorippa sylvestris	Perennial			S	S	S	R		S		S								S				S	

Key	
S	Susceptible
MS	Moderately susceptible
MR	Moderately resistant
R	Resistant

See www.hracglobal.com for more information

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.