

Weed susceptibility to foliar-acting selective contact herbicides authorised for use on outdoor peony crops

Weed species	Latin name	Type of weed	2,4-D	amidosulfuron	bentazone	clethodim	clopyralid	cycloxydim	ethofumesate	florasulam	fluroxypyr	nicosulfuron	phenmedipham	rimsulfuron	triflurosulfuron-methyl
Annual meadow-grass	<i>Poa annua</i>	Annual			R	S		S	S	S		S	R		
Annual mercury	<i>Mercurialis annua</i>	Annual				R									
Bindweed, black	<i>Fallopia convolvulus</i>	Annual	MR		MS	R	MS		S	S	MS	MS	MS	MR	S
Bindweed, field	<i>Convolvulus arvensis</i>	Perennial	MS			R		R						MR	
Black grass	<i>Alopecurus myosuroides</i>	Annual			R	S		S	S		S				
Broad-leaved dock	<i>Rumex obtusifolius</i>	Perennial	S			R	MS	MS	MS						
Bugloss	<i>Brunnera macrophylla</i>	Perennial	MR			R					R		S		
Charlock	<i>Sinapis arvensis</i>	Annual	S	S	S	R	S		S	S	R		S		S
Chickweed, common	<i>Stellaria media</i>	Annual	MR		S	R			S	S	S	S	S	S	S
Cleavers	<i>Galium aparine</i>	Annual/Perennial		S	S	R		MS	S	S	S		MR		S
Clover	<i>Trifolium spp.</i>	Annual/Perennial				R	S	R					MS		
Corn marigold	<i>Glebionis segetum</i>	Annual			S	R	S				R		MS		
Corn spurrey	<i>Spergula arvensis</i>	Annual			S	R			S				MS		
Couch grass	<i>Elymus repens</i>	Perennial				MS		S							
Crane's-bill, dove's-foot	<i>Geranium dissectum</i>	Perennial	MR		S	R	S						R		
Creeping buttercup	<i>Ranunculus repens</i>	Perennial	S			R		MS							
Creeping thistle	<i>Cirsium arvense</i>	Perennial	S		S	R		R							
Creeping yellow cress	<i>Rorippa sylvestris</i>	Perennial				R			S						
Daisy	<i>Bellis perennis</i>	Perennial	S			R									
Dandelions	<i>Taraxacum spp</i>	Perennial	S			R	S	R	S				S	MR	
Dead-nettle, red	<i>Lamium purpureum</i>	Annual			MS	R	MR		R		MS		S		S
Fat-hen	<i>Chenopodium album</i>	Annual	S		MS	R			S	R	R	MS	S	MR	S
Field forget-me-not	<i>Myosotis arvensis</i>	Annual	MS	S	S	R			S		S		MS		
Fleabane, Canadian	<i>Conyza canadensis</i>	Annual				R	MS						S	S	
Fool's parsley	<i>Aethusa cynapium</i>	Annual			S	R			R						S
Fumitory, common	<i>Fumaria officinalis</i>	Annual	MR		MS	R			S		MS		S		S
Gallant soldier	<i>Galinsoga parviflora</i>	Annual				R			S						
Groundsel	<i>Senecio vulgaris</i>	Annual	MR		MS	R	S		MS	S	MR		S	S	
Hairy Bittercress	<i>Cardamine hirsuta</i>	Annual				R									
Hemp-nettle, common	<i>Galeopsis tetrahit</i>	Perennial			MR	R			R		S		S		
Henbit dead-nettle	<i>Lamium amplexicaule</i>	Annual			MS	R			S		MS		S	S	
Hogweed	<i>Heracleum sphondylium</i>	Perennial				R								S	
Horsetail	<i>Equisetum arvense</i>	Perennial	MS			R		MS	S				R		
Knotgrass	<i>Polygonum aviculare</i>	Perennial	MR		MR	R			S	MS	MS	MS	MS		S
Mouse-ear chickweed	<i>Cerastium vulgatum</i>	Perennial	MR			R									
Nettle, small	<i>Urtica urens</i>	Annual	S		S	R			MS	R	R		S		S
Nightshade, black	<i>Solanum nigrum</i>	Annual	MR		S	R	MS		MS	S		MS	MR	MS	
Orache, common	<i>Atriplex patula</i>	Annual	MS		MS	R			S			MS	S		
Oxalis	<i>Oxalis europaea</i>	Annual/Perennial				R			MS						
Pale persicaria	<i>Persicaria lapathifolia</i>	Annual	MR		S	R	MR		MS		MR	MS	S		
Pansy, field	<i>Viola arvensis</i>	Annual			R	R			MS				S		MS
Parsley-piert	<i>Aphanes arvensis</i>	Biennial			S	R			R		S				
Penny-cress, field	<i>Thlaspi arvense</i>	Annual	S		S	R			MS		R		MS		
Plantains	<i>Plantago major</i>	Perennial	S			R							R	S	
Poppy, common	<i>Papaver rhoeas</i>	Annual	MS		MS	R			MS	MR	R		S		
Ragwort	<i>Jacobaea vulgaris</i>	Annual/Perennial				R		R	R						
Redshank	<i>Persicaria maculosa</i>	Annual	MR		S	R			S		MR	MS	MS		S
Ryegrasses	<i>Lolium spp.</i>	Annual/Perennial				S		S					R	S	
Scarlet pimpernel	<i>Anagallis arvensis</i>	Annual	MR		S	R					R		S		
Scented mayweeds	<i>Matricaria recutita</i>	Annual			S	R	S	S	S	S	MR	S	MR		S
Shepherd's-purse	<i>Capsella bursa-pastoris</i>	Annual	S	S	S	R	MS		S	S	R	S	S	S	
Sow-thistle, smooth	<i>Sonchus oleraceus</i>	Annual/Perennial	MS		MS	R	S		S				S	S	
Speedwell, common field	<i>Veronica persica</i>	Annual	MR		MS	R			MS		MR		S		
Speedwell, ivy-leaved	<i>Veronica hederifolia</i>	Annual	MR		MR	R			MS		MR		S		
Stinging nettle	<i>Urtica dioica</i>	Perennial	S			R			MS				S		
Volunteer cereals	Various	Annual				S		S					R		
White campion	<i>Silene latifolia</i>	Perennial				R			MR						
Wild chamomile	<i>Matricaria chamomilla</i>	Annual				R					R				
Wild oats	<i>Avena spp</i>	Biennial				S		S					R	MR	
Wild radish	<i>Raphanus raphanistrum</i>	Annual	S		S	R			S	S	R		S	S	
Willow	<i>Salix spp.</i>	Perennial				R									
Willowherb	<i>Epilobium spp.</i>	Annual/Perennial				R		R	S	R					