



SULFONYLUREA WEED SENSITIVITY

Weed name			Cereals								
			Best performer S/E/B/H	Savvy Premium		Ergon		Boudha		Nautius	
Data collected from Rotam trials and in field experience. No growth stage info. Blank cell means no data collected to date			A.I	metsulfuron	metsulfuron	metsulfuron & thifensulfuron	metsulfuron & thifensulfuron	metsulfuron & tribenuron	tribenuron & thifensulfuron	tribenuron & thifensulfuron	tribenuron & thifensulfuron
			g/kg	200	200	68.2 + 682	68.2 + 682	250 + 250	150 + 400	150 + 400	150 + 400
			rate (g/ha)	20	30	60	70	20	60	80	100
BLW	Latin name	English name	g/ha a.s	4	6	4.1 + 41	4.8 + 48	5 + 5	9 + 24	12 + 32	15 + 40
x	Alkanna Spp	Alkanet						MR	MS		
x	Amaranthus spp.	Amaranth, spp	E/H		MS	MS	MS	S	MS	MS	S
x	Urtica dioica	Annual nettle	S/E/B/H		S		S	S			S
x	Antirrhinum Spp	Anterrhinum						S			
x	Fallopia (Polygonum) convolvulus	Bindweed, Black	E/H	MS	MS	MS	S	MS	S	MS	MS
x	Convolvulus arvensis L.	Bindweed, Field	H		R		MR	MS	MR	MS	MS
x	Cardamine hirsuta	bittercross, hairy	E/B/H			S	S	S		S	S
x	Gentiana lutea	Bitterwort			MR						
x	Solanum nigrum	black nighshade	B/H	R	MR	R	R	MS	MR	MS	MR
x	Pteridium Spp	Bracken		R	R	R	R	R	R	R	R
x	Picris (Helminthotheca) echioides	Bristley Oxtongue						R			
x	Echium Spp	Bugloss, Vipers						MR	MS		
x	Ammi majus	Bullwort					S	S			
x	Arctium lappa	Burdock, spp						S			

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g/ha a.s	4	6	4.1 + 41	4.8 + 48	5 + 5	9 + 24	12 + 32	15 + 40						
x	Anthriscus caucalis	Burr Chervil	E/B/N	MS	MS	MS	MS	S	MS	S	MS	MS	MS	S
x	Ranunculus arvensis	Buttercup, Corn	E/B/H	MR	MS	MS	MS	S	S		MS	MS	S	S
x	Ranunculus repens	Buttercup, Creeping	E/B/H	MR	MS	MS	MS	S	S		MS	MS	S	S
x	Sinapis arvensis	charlock	S/E/B/H	S	S	S	S	S	S		MR	MS	S	S
x	Stellaria media	chickweed	S/E/B/H	MS	S	S	S	S	S		MS	S	S	S
x	Cerastium fontanum	Chickweed, Mouse-ear					S	S	S					
x	Potentilla reptans	Cinque-foil, Creeping			S		S	S	S					
x	Galium aparine	cleaver	E/H	R	R	MR	MR	MS	R		MR	MR	MR	MS
x	Trifolium spp.	Clover spp	B/H		MS		MS		S			MS	S	S
x	Agrostemma githago	Cockle, Corn							S					
x	Tussilago farfara	Coltsfoot	E/B/H		MS		S	S	S			S	S	
x	Symphytum officinale	Comfrey, Common			S		S	S	S					
x	Galeopsis tetrahit	common hempnettle	S/E/B/H	MS	S	S	S	S	S		MS	S	S	
x	Rumex acetosa	Common Sorrel	S/E/H		S		S	S	MS	S				S
x	Achillea millefolium	Common Yarrow	S/E/H	MS	S	S	S	S	MS		MS	S	S	
x	Anthemis Spp	corn chamomile	S/E/B/H	MS	S	S	S	S	S		S	S	S	
x	Cyanus segetum (Centaurea cyanus)	cornflower	B/H	R	MR	MR	MR		MS		MS	MS	MS	
x	Geranium spp	cranesbill	E/H	MS	MS	S	MS	S	MS	S	MS	MS	S	S
x	Arum maculatum	Cuckoo Pint							S					
x	Geranium dissectum	Cut-leaved Crane's-bill	S/E/H	MS	S	MS	S	S	MS	S	MS	MS	S	S
x	Bellis perennis	Daisy			S		S	S	S					

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x	Taraxacum spp.	Dandelion	S/E/B/H		S	S	S	S	MS	S	S		
x	Lamium amplexicaule	Dead Nettle, Henbit	E/H	MS	MS	S	MS	S	MS	S	S		
x	Rumex obtusifolius	dock	S/E/B/H	MS	S	S	S	S	MS	S	S		
x	Rumex crispus	Dock, Curled	S/E/H	MS	S	MS	S	MS	S	MS	S		
x	Geranium molle	Dove's-foot Crane's-bill	S/E/B/H	MS	MS	MS	MS	MS	MS	MS	MS		
x	Plantago lanceolata	English Plantain			MS		MS						
x	Chenopodium album	fathen	H	MR	MR	MS	MR	MS	MS	MS	S	S	
x	Amsinckia sp.	fiddleneck	S/E/B/H	MS	S	MS	S	S	S	S	S		
x	Thlaspi arvensis	field pennycress	S/E/B/H	MS	S	S	S	S	MS	S	S		
x	Sonchus arvensis	Field Sow-thistle	S/E/B/H		S		S	S	MS	S	S		
x	Veronica persica	field speedwell	E/H	MR	MS	MS	MS	MS	S	MS	MS	MS	S
x	Descurainia sophia	flixweed	S/E/B/H	MS	S	S	S	S	MS	S	S	S	
x	Aethusa cynapium	fools parsley	S/E	MS	S	MS	S	MS	MS	MS	MS		
x	Myosotis arvensis	forget-me-not	E/B/H	MS	MS	S	S	S	S	S	S		
x	Fumaria officinalis	fumitory	H	R	R	MS	MS	MR	MS	MS	MS	S	
x	Galinsoga parviflora	gallant soldier	E/B				S	S	MS	MS	MS		
x	Allium ursinum	Garlic, Wild	B		MR	MS	MS	S			MS		
x	Lithospermum arvense	Gromwell, Field	E/B		MS	S	S	S		MS	MS		
x	Aegopodium podagraria	Ground-elder						S					
x	Senecio vulgaris	groundsel	S/E/B/H	MS	S	S	S	S	MS	S	S	S	
x	Ranunculus sardous	Hairy buttercup			MS		MS						
x	Crepis capillaris	Hawk's-beard, Smooth						S					

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x	Convolvulus (Calystegia) sepium	Hedge Bindweed	S/E/B/H		MS		MS	MS		MS	MS			
x	Sisymbrium officinale	Hedge Mustard	S/E/B/H	MS	S	MS	S	S	MS	S	S			
x	Anthriscus sylvestris	Hedge-parsley, Smooth	E/H	MS	MS	MS	MS	S	MR	MS	MS	MS	S	
x	Conium maculatum	Hemlock			S		S	MS	S					
x	Plantago media	Hoary Plantain			MS		MS							
x	Heracleum sphondylium	Hogweed	S/E/B		MS	S		MS	S	MR	MS	MS		
x	Equisetum arvense	Horsetail, Field	B	R	R	R	R	MR	R	R	R			
x	Polygonum aviculare	knotgrass	E/B/H	R	MR	MR	MS	MS	MS	MR	MR	MS	MS	S
x	Ranunculus ficaria/ Ficaria verna	lesser celandine			MS		MS							
x	Malva neglecta	Mallow, Common	S/E/B/H	MS	S	S	S	S	S	S	S			
x	Glebionis/Chrysanth. segetum	Marigold, Corn	S/E	MS	S	MS	S	MS	MR	MS	MS	MS	S	
x	Stachys palustris	Marsh hedgenettle	S/E/B/H		MS		MS	MS		MS				
x	Matricaria chamomila	mayweed	S/E/B/H	S	S	S	S	S	S	S	S			
x	Mercurialis annua	Mercury, Annual					S	S						
x	Reseda lutea	Mignonette, Wild						S						
x	Silybum marianum	Milk thistle					MS	MS		R				
x	Mentha arvensis	Mint, Corn	S/EB		MS	S		MS	S	MS	MS			
x	Arabidopsis thaliana	Mouse-ear Cress					S	S		S	S			
x	Cerastium arvense	Mouse-ear Field					S	S		S	S			
x	Artemisia Spp	Mugwort			S		S	S						

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x	Verbascum nigrum	Mullein, Dark						S			
x	Lapsana communis	nipplewort	E/B/H	MS	MS	S	S	S	MS	S	S
x	Atriplex patula	orache	E/N	R	R	MR	MS	MR	MS	MS	S
x	Leucanthemum vulgare	Oxeye Daisy			MR						
x	Picris hieracioides	Oxtongue			MS		MS				
x	Persicaria lapathifolia (Polygonum lapathifolium)	pale persicaria	S/E/B/H	MS	S	S	MS	S	S	MS	S
x	Viola arvensis	pansy	S/E/B	MS	MS	S	MS	S	MS	S	MS
x	Aphanes arvensis	parsely piert	S/E/B/N	MS	S	S	S	S	MS	S	S
x	Lepidium Spp	Pepperwort, Field		R	R			R			
x	Anagallis (Lysimachia) arvensis	Pimpernel, Scarlet	S/E/B/H	S	S	S	S	S	MS	S	S
x	Matricaria discoidea	Pineappleweed		S	S	S	S	S	S	S	S
x	Plantago major	plantain	S/E/B	MS	S	S	S	S	MS	MS	MS
x	Papaver rhoeas	poppy	S/E/H	MS	S	S	MS	S	MS	S	S
x	Oenothera Spp	Primrose spp.						MR	MS		MS
x	Raphanus raphanistrum	Radish, Wild	E/H	MS	MS	S	MS	S	MS	MS	S
x	Ambrosia elatior/artemisiifolia	ragweed	S/E/B	MS	S	MS	S	S			
x	Jacobaea vulgaris	Ragwort, Common						S			S
x	Silene dioica	Red Champion			MS		MS				
x	Lamium purpureum	red dead nettle	E/B	MS	MS	S	MS	S	S	MR	MS
x	Galeopsis ladanum	Red Hemp-nettle	S/E/H		S	S	S	S	MS	S	S

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x	Persicaria maculosa (Polygonum persicaria)	redshank	S/E/B/H	MS	S	S	S	S	MS	S	S			
x	Juncaceae Spp	Rush spp.		R	R	R	R	R	R	R	R			
x	Knautia arvensis	Scabious, Field			MR			R						
x	Tripleurospermum inodorum (Matricaria inodora)	scentless mayweed	S/E/B/H	MS	S	S	MS	S	S	S	S			
x	Kickxia elatine	sharp-leaved fluellen	S/E/B/H	S	S	S	S	S			S			
x	Rumex acetosella	Sheep's Sorrel	S/E/H		S		S	MS	S		S			
x	Capsella bursa-pastoris	shepherd's purse	S/E/B/H	S	S	S	S	S	S	S	S			
x	Scandix pecten-veneris	Shepherds-needle	S/E/B/H	S	S	S	S	S	S	S	S			
x	Argentina anserina	Silverweed	S/E/B/N		S		S	S			S			
x	Urtica urens	Small nettle	S/E	MS	S	MS	S	MS	MS	MS	MS			
x	Sonchus oleraceus	smooth sow-thistle	B/H	MS	MS	S	MS	MS	S	MS	S	S		
x	Veronica agrestis & V. polita	Speedwell, Green field	S/E/H	MR	MS	S	MS	MS	S	MS		MS	MS	S
x	Veronica hederifolia	Speedwell, Ivy-leaved	E/H	R	R		MR	MR	MS	R	MR	MS	MS	
x	Claytonia virginica	spring beauty	S/E		S		S	S						
x	Euphorbia helioscopia	Spurge, Sun					MS	S						
x	Spergula arvensis	spurrey	S/E/H	MS	S	S	S	S	MS	S		S	S	
x	Cerastium glomeratum	sticky mouseear	E/B/H	MS	MS		S	S	S		S	S		
x	Helianthus annuus	sunflower	E/B/H	MS	MS		MS	S	S	MS	S	S		
x	Cirsium arvense	Thistle, Creeping	H	MS	MS	S	MR	MS	S	MS	S	MS	MS	S
x	Sonchus asper	Thistle, Sow-	S/B/H	MS	S	S	MS	MS	S	S	MS	S	S	

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x	Linaria vulgaris	Toadflax, Common						S					
x	Lathyrus tuberosus	tuberous pea			MS		MS						
x	Legousia speculum veneris	Venus Looking-glass	S/E/B/H		S		S	S		S	S		
x	Triodanis perfoliata	Venus-looking-glass						S					
x	Vicia sativa & V. segetalis	Vetch, Common	E/H	MR	MR		MS	MR	MR	MS	MS		
x	Borago officinalis	Vol Borage		MS	MS	S	MS	S	MS	S	S		
x	Cichorium intybus	Vol Chicory						S					
x	Medicago sativa	Vol Lucerne					S	S		S	S		
x	Narcissus Spp	Vol Narcissus						MR	MS				
x	Pastinaca sativa	Vol Parsnips	B/H		MS		MS	S			S		
x	Phacelia tanacetifolia	Vol Phacelia			S		S	S					
x	Pisum sativum/ Lathyrus oleraceus	Vol. Peas	S/E/B/H	MS	S	MS	S	S	MR	MS	MS	MS	S
x	Solanum tuberosum	Vol. Potatoes	S/E/H		MS		MS	MR	MS		MS	MS	
x	Beta vulgaris	Vol. Sugar Beet	S/E/B/H	S	S	S	S	S	S	S	S	S	
x	Vicia faba	Volunteer Beans	S/E/B/H		MS	MS	MS	MS		MS	MS		
x	Brassica napus	volunteer OSR	S/E/B/H	S	S	S	S	S	MS	S	S		
x	Veronica arvensis	wall / corn speedwell	E/H	R	R	MR	MS	R		MS	MS		
x	Persicaria amphibia (Polygonum amphibium)	water knotweed	S/E/B/H		MS		MS	MS			MS		
x	Silene latifolia subsp. alba (Melandrium album)	white campion	E/B/H	MS	MS	S	S	S		S	S		
x	Varatrum album	white hellebore			MR								
x	Daucus carota	Wild Carrot	S/E/B/H	MS	MS	S	MS	MS	S	MS	MS	MS	S

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x	Epilobium Spp	Willowherb,spp			MR			S			
x	Rhinanthus spp.	Yellow Rattle			S		S				
x	Primula spp.				MS			S			
x	Rubus spp.			R	R		R				

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