



Technical Update - General Broad-Leaved Weed Control In Seedling Grass Leys, Spring 2011

1. Where Clover Is A Feature Of The Sward



Containing 400 g/l 2,4-DB as the sodium salt

Timing

- Annuals weeds at their seedling stage.
- Biennial and perennial weeds when flower buds are forming.
- When grasses have at least 4 leaves and have begun to tiller.
- If clover is part of the sward apply after the 1st trifoliate leaf stage.
- In warm weather when weeds are actively growing.

Dose

- Headland Spruce should be applied to young grass leys at **4.5 l/ha in 200-1000 litres of water/ha.**

Susceptible (Complete or almost complete control of seedlings):

Corn Buttercup Fat-hen Field Penny-cress Shepherd's-purse

Moderately Susceptible (Effective control of seedlings, but not necessarily complete control):

Black Mustard Charlock Common Fumitory Common Orache
 Common Poppy Flixweed Knotgrass Pale Persicaria
 Prickly Sow-thistle Redshank Small Nettle Treacle Mustard
 Smooth Sow-thistle Wild Turnip

Moderately Resistant (Temporary suppression of seedlings, long term control dependant on crop competition and weather):

Black Bindweed Groundsel Dove's-foot Crane's-bill Scarlet Pimpernel
 White Mustard

The following biennial and perennial weeds will be controlled as indicated:

| Common Name | Seedlings | Shoots | Long term |
|-----------------------|-----------|--------|-----------|
| Autumn Hawkbit | MS | MS | - |
| Broadleaved Dock | S | MR | R |
| Bulbous Buttercup | S | MS | R |
| Common Ragwort | R | R | R |
| Creeping Buttercup | S | S | MS |
| Creeping Thistle | S | MS | MR |
| Crowfoot | MS | MS | MR |
| Curled Dock | S | MS | MR |
| Dandelion | MR | MR | MR |
| Field Bindweed | MS | MS | R |
| Horsetails | MS | MS | R |
| Plantains | S | S | S |
| Perennial Sow-thistle | MR | MR | MR |
| Spear Thistle | S | MS | MS |

S = susceptible, complete or near complete kill, MS = Good control if attention given to timing.
 MR = Variable effect, useful control cannot be relied upon, R = resistant, no useful effect,
 - = Insufficient data.



2. Where Clover Is NOT A Feature Of The Sward



A selective herbicide for broad-leaved weed control, containing 315 g/l MCPA, 50 g/l mecoprop-p and 18 g/l dicamba.

Timing:

- Spray from when the grass has at least 3 leaves, usually from spring through to mid-summer.
- Do not spray where clovers or other legumes form an important part of the sward as they will be killed or severely checked!

Dose:

- Apply **4.5 l/ha** in at least 120 l/ha water. A minimum of 200 l/ha is recommended if weeds or crop are dense, or problem weeds are at an advanced stage.

The following annual weeds are susceptible at the seedling stage:

| | | | | |
|---------------|---------------------|------------------|-------------------|--------|
| Black Mustard | Charlock | Chickweed | Cleavers | |
| Common Poppy | Corn Buttercup | Fat-hen | Field penny-cress | Hairy |
| Tare | Prickly Sow-thistle | Shepherd's-purse | Small Nettle | Smooth |
| Sow-thistle | Treacle Mustard | White Mustard | Wild Radish | Wild |
| Turnip | Common Hempnettle | | | |

In addition to a wide range of annual weeds that will be either controlled or suppressed (see label for further details), the following weed species will be controlled in grassland:

| Common Name | Seedling | Young Plant |
|--------------------|----------|-------------|
| Autumn Hawkbit | MS | MS |
| Broad-leaved Dock | S | MS |
| Cat's-ear | MS | MS |
| Clustered Dock | MS | MS |
| Common Knapweed | MS | MS |
| Common Nettle | S | MS |
| Common Ragwort | MS | MR |
| Common Sorrel | MS | MR |
| Compact Rush | MS | MS |
| Creeping Buttercup | S | S |
| Creeping Thistle | MS | MS |
| Curled Dock | MS | MS |
| Daisy | S | MS |
| Dandelion | MS | MR |
| Meadow Buttercup | MS | MS |
| Plantains | S | S |
| Self-heal | MS | MS |
| Sheep's Sorrel | MS | MR |
| Soft Rush | MS | MS |
| Spear Thistle | S | MS |

S = Susceptible, complete or almost complete kill., MS = Moderately Susceptible. Effective, but not necessarily complete control, MR = Moderately Resistant. Temporary suppression, long term control dependent upon conditions.

For further details on product use please refer to the product labels which can be found on the Headland Agrochemicals Ltd website (www.headland-ag.co.uk) or contact your local Headland representative, or:

Andrew C Speed
Technical Sales Manager
Headland Agrochemicals Ltd.
Home office: 01270 750008
Mobile: 07525 703361
E-mail: andrew.speed@headlandgroup.com

Sam J Pocięcha
Technical Sales Specialist
Headland Agrochemicals Ltd.
Home office: 01747 871613
Mobile: 07540 127474
E-mail: sam.pocięcha@headlandgroup.com



All third party trademarks acknowledged
Always read the label. Use pesticides safely

