



Q Why should you use Pulsar[®]?

- A**
- Soft on clover in new pastures
 - No pre-grazing required
 - Dependable tried and true formulation
 - Provides broad spectrum weed control

Q What weeds are controlled by Pulsar?

- A**
- **Susceptible as seedlings:**

Black nightshade	Hedge mustard	Stinking mayweed
Butter cups (annual)	Mayweeds	Storksbill
Chamomiles	Nettle	Thorn apple
Charlock	Nodding thistle	Twin cress
Chickweed	Penny cress	Variegated thistle
Cleavers	Redroot	Wild radish
Cornbind	Scarlet pimpernel	Wild turnip
Cut-leaved geranium	Scotch thistle	Willow weed
Fathen	Shepherd's purse	Winged thistle
Field madder	Sow thistle	
Galinsoga	Spurrey (Yarr)	
 - **Moderately susceptible:**

Seedling docks	Wireweed	Fumitory
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 - **Resistant weeds:**

All grasses	Deep root perennials	Henbit
Clovers	Field pansy	Sorrel
Dandelion	Hawkbit	Speedwells
Dead nettle	Hawksbeard	Yarrow
 - **Weeds controlled by Pulsar but NOT by MCPB:**

Chamomiles	Field madder	Storksbill
Chickweed	Spurrey (Yarr)	Phenoxy resistant
Cleavers	Stinking mayweed	thistles

Q Resistance management?

- A**
- Bentazone (Group C3) & MCPB (Group 01)
 - Pulsar should be used in a programme that incorporates effective herbicide products with different modes of action

Pulsar

Herbicide

At a glance

Pulsar is a post-emergence herbicide for the control of a wide range of broadleaf weeds in cereals, clover, new and old pasture, and peas. Pulsar must be applied with sufficient water to ensure that all parts of target weeds are thoroughly covered.

Product type:
Herbicide.

Labelled crops:
New and established pasture, clover, peas and cereals.

Active ingredient and formulation:
200 g/L bentazone & 200 g/L MCPB (soluble concentrate).

Pack size:
10 L (Agrecovery[®] friendly).

Adjuvant:
Pasture, white clover and cereals:
Non-ionic surfactant needed.

Peas:
DO NOT USE spreader/sticker.

Rainfastness:
Do not spray if rainfall expected or foliage is wet (minimum 8 hours free from rain).

Water rate:
See directions for use table.

Application rate:
See directions for use table.

Withholding period:
No withholding for grazing or harvest when used as directed.



Q When should Pulsar be applied for **BEST RESULTS?**

- A**
- To actively growing SMALL weeds (2-4 leaf)
 - During periods of warm, humid weather (ambient temps of >14° C for 6 hrs after application)
 - **DO NOT** apply in **cold or frosty weather** or in times of drought
 - Use the recommended water rate to get good coverage of weeds

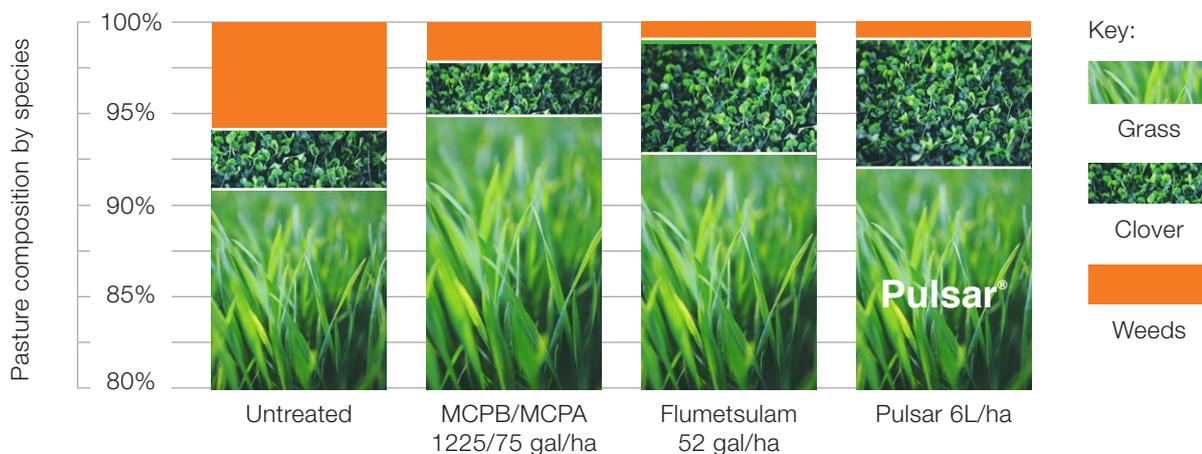
Q How do you use Pulsar? (directions for use)

A

Crop	Rates	Growth Stage	Remarks
Peas	Rate: 5 L/ha Water: 300-500 L	1-2 trifoliolate leaves and weeds are at 4 leaf stage.	DO NOT USE spreader/sticker. DO NOT apply in frost.
New & established pasture	Rate: 5-7.5 L/ha Water: 300-500 L	Clover has 1-2 trifoliolate (true) leaves and weeds are at 4-6 leaf stage.	Add suitable non-ionic surfactant. DO NOT apply if frost expected.
White clover seed crops	Rate: 5-6 L/ha Water: 500 L (minimum)	Spring before crop flowers but after 2 trifoliolate leaves have formed and when weeds are small.	High water rates and large droplets to ensure penetration into growth crown of weeds. Add suitable non-ionic surfactant. Spray during periods of warm weather. DO NOT apply if frost expected.
Cereals	Rate: 5 L/ha Water: 170-500 L	After 4 true leaves and when weeds are small.	Add suitable non-ionic surfactant. DO NOT use if frost expected.

Q What is the effect of herbicide choice on pasture composition?

A There is more “grass” and fewer “weeds” in the pasture sward following any herbicide use, but the choice of product can further enhance clover levels in the sward.



Assessed 108 days after planting and 71 days after herbicide applications (clover @ 2 trifoliolate leaf).

For more information on Pulsar® herbicide, visit crop-solutions.basf.co.nz or call 0800 932 273

ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USING ANY PRODUCT IN THIS FACT SHEET.

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