

Best practice: application advice

We recommend application with at least 75% drift reducing nozzles (DRN).

DRN is typically an air inclusion nozzle which creates larger droplets that contain small bubbles of air. This coarser droplet enables the spray to travel accurately from nozzle to target. On impact the bubble bursts leaving smaller droplets across the leaf for absorption. This means less drift and more deposit of product on to the target leaf. Travelling speed and water volume will determine the exact type of nozzle to use:

- Make the application in at least 200 litres water/hectare.
- Optimal travelling speed when spraying grassland is typically in the range of 8 to 10kph depending on field conditions.

Treat target weeds at optimal size.

If they are too big then top and spray regrowth. This photo shows the target weed at optimal size.



*Ragwort label guidance

Ragwort plants sprayed with this herbicide are more palatable and contain higher levels of toxins. Animals should be excluded from treated areas until any ragwort has completely recovered or died and there is no visible sign of the dead weed. Do not include treated ragwort in hay or silage crops.



Pastor[®] Trio – is a wider spectrum grassland herbicide giving excellent control of docks, thistles and buttercups. Use on newly sown leys, established grassland, and maize cereals.

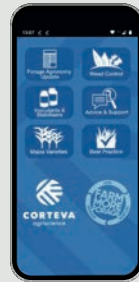
See product label for full details.



For use with a boom sprayer



Forage knowledge on the go.



Free and easy to use, the Corteva Forage App is packed with information and tools to help you maximise your grass and maize crops. Simply scan the QR code.



For grassland advice call Whelehan Crop Protection on: **01 574 2410** or visit: **www.corteva.ie/forage** or email: **CropProtection@tpwhelehan.ie**
Follow us: **X@CortevaForage** or **@CortevaIE**

Pastor[®] TRIO

HERBICIDE

Deadly to weeds, kind to grass.



Use plant protection products safely. Always read the label and product information before use. For further information including warning phrases and symbols refer to label. Triple rinse containers, puncture and invert to dry at time of use.

Authorisation Holder: Corteva Agriscience UK Limited, GPC2 Capital Park, Fulbourn, Cambridge CB21 5XE. Tel: +44 1462 457272. Marketing Company: Whelehan Crop Protection, Suite 11/12 Bunkilla Plaza, Bracetown Business Park, Clonee, Dublin 15, Co Dublin Ireland. Tel: 01 574 2410 Email: cropprotection@tpwhelehan.ie * Trademarks of Corteva Agriscience and its affiliated companies. Pastor[®] Trio contains clopyralid, fluroxypyr and florasulam.
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Pastor[®] TRIO

HERBICIDE

Pastor[®] Trio is a wider spectrum grassland herbicide giving excellent control of docks, thistles and buttercups. It is very safe to grass.

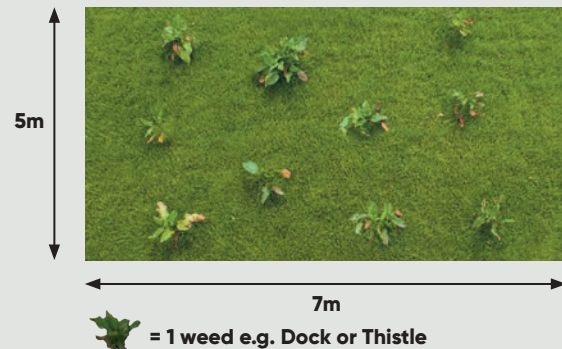
Control grassland weeds because:

- They compete with grass for space, light, nutrients and water
- It can be used on newly sown leys, established grassland, grass grown for seed, maize and cereals
- They are unpalatable to stock
- Thistles can lead to a greater incidence of Orf
- Docks in silage can affect fermentation and reduce quality.

Choose Pastor Trio because it:

- Delivers excellent control of broad-leaved dock, curled dock, creeping thistle, spear thistle, chickweed, creeping and meadow buttercups
- Has a short stock withdrawal period of just 7 days
- Does not hold back grass growth after application.

Thistle and Dock population can be calculated by counting the number of weeds in a 5 x 7 m block. One weed will represent 1% weed infestation.



SAC – trials data from the Scottish Agricultural College shows 10% weed infestation causes 10% YIELD LOSS

Where weed populations are below 5%, knapsack control with Grazon Pro is more cost-effective.

Key points:

Active ingredients	80 g/L clopyralid + 100 g/L fluroxypyr + 2.5 g/L florasulam
Weeds controlled	<p>Broad-leaved Dock, Curled Dock, Creeping Thistle, Spear Thistle, Chickweed, Creeping and Meadow Buttercups</p>
Pack	3.0L which treats 3.0 ha at 1.0L/ha and 1.5 ha at 2.0L/ha
Application rate	1.0L/ha newly sown leys, maize, cereals 2.0L/ha established grassland
Maximum total dose	Same as above
Water volume	200L/ha – 400L/ha for high weed numbers or dense grass swards
Treatment timing	Newly sown leys: 1st February to 31st August and from the 3 true leaf stage of the crop Established grassland: 1st February to 30th September Cereals: use from GS13 to before GS39 in Wheat, Barley and before GS32 in Oats Maize: 10th April to 31st May, between 3 and 6 leaf stage, before the crop is over 20 cm tall and the buttress roots have started to develop on the 1st node
Weed size Broadleaved and curled dock	Rosette stage, 150-250mm across or high Docks <p>Too early Just right Too late</p>
Creeping and spear thistle	Rosette stage, 150-250mm across or high Thistles <p>Too early Just right Too late</p>
Buttercups	Actively growing, ideally before flowering
Weed health	Weeds should be actively growing; free from disease or insect damage; not suffering from drought, waterlogging or nutrient deficiency
Stock exclusion	Keep livestock out of treated areas for at least 7 days*
Cutting interval	Minimum 21 days, ideally 28 days
Rainfastness	2 hours when applied to a dry leaf
Clover	Will be damaged; re-introduce after 3 months

* In the absence of Ragwort

Weeds controlled

Where we have knowledge of how our products might affect other grassland weeds we have detailed it in the following tables. These are not recommendations; just an indication of what control might be achieved. ▽ indicates information based on anecdotal or limited data, and as such the user bears the risk in respect of failures concerning efficacy and phytotoxicity.

Annual weeds

Pastor Trio
1.0 L/ha

Bindweed (black)	Good control
Bristly ox-tongue	Good control
Charlock	Good control
Chickweed	Good control
Cleavers	Good control
Corn chamomile	Good control
Corn marigold	Good control
Cranesbill	Moderate control
Dead-nettles	Some control
Fat-hen	Some control
Fool's parsley	Moderate control
Forget-me-not	Good control
Fumitory	Moderate control
Groundsel	Moderate control
Hemp-nettle	Good control
Himalayan balsam	No information
Knotgrass	Good control
Mayweeds	Good control
Nettle (small)	Moderate control
Nightshade (black)	Moderate control
Orache	Moderate control
Pale persicaria	Moderate control
Poppy	Moderate control
Redshank	Moderate control
Scarlet pimpernel	Moderate control
Shepherd's-purse	Good control
Speedwells	Moderate control
Spurrey	Moderate control
Wild radish	Good control
Yellow rattle	No information

Perennial weeds

Pastor Trio
2.0 L/ha

Bindweed (field)	Good control
Bracken	No information
Bramble	Moderate control
Broom	Moderate control
Burdock	No information
Buttercups	Good control
Cinquefoil (creeping)	Some control
Clover, trefoil	Good control
Coltsfoot	Moderate control
Cow parsley	Moderate control
Daisy (common)	Good control
Daisy (ox-eye)	Some control
Dandelion	Good control
Docks	Moderate control
Gorse	Moderate control
Ground elder	Moderate control
Ground ivy	No information
Hawthorn	Moderate control
Hemlock	Some control
Hogweed	Moderate control
Horsetail (<i>Equisetum</i>)	Some control
Japanese knotweed	Moderate control
Knapweed (common)	Some control
Lesser celandine	No information
Mallow (common)	Moderate control
Medick (black)	No information
Mugwort (common)	No information
Nettle (common)	Some control
Old man's beard	No information
Plantain (greater)	Moderate control
Plantain (ribwort)	Moderate control
Ragwort	Moderate control
Rosebay willowherb	No information
Rushes	Moderate control
Self-heal	No information
Silverweed	No information
Sorrel (common)	Good control
Thistles	Good control
Vetch, tare	Good control
Yarrow	No information
Yellow/Flag Iris	No information

Weed control key

Good control
Moderate control
Some control
No control
No information
Anecdotal or limited information