

Grassmanship™ Autumn Agronomy Solutions

GOOD GRASS MATTERS



Welcome to Nufarm's Autumn Technical Bulletin in Grassland

Farmers have been facing and managing the effects of a prolonged drought and extreme heat this summer, driven by below-average rainfall and higher-than-normal temperatures since early summer across Ireland and in particular across the east and south of the country. Grass growth has been negligible in many areas for several months now – however many grassland weeds with their often-deep root systems and resilient nature have continued to grow and thrive in the very dry conditions. Weather and field conditions have definitely turned a corner with heavy rain in many parts of the country; parched land has received a very welcome bounce of growth with a lot of pent-up heat and energy in the soil.

There will be an excellent opportunity in the coming weeks for effective control of difficult weeds such as **Docks**, **Thistles** and **Ragwort**, best control is often achieved in Autumn as the weeds are at a consistent growth stage for effective control post cutting and are translocating reserves to the roots rather than up to seed heads. New Sown Leys have which have been established are also now due for their Weed Control Programme.

Nufarm offer a great range of **Forage Friendly** Agronomy Solutions including **Thrust**, **Lupo** and **DockMaster**, ideal for silage or hay, grazing fields and horse paddocks and also new sown leys. **Prairie Verte** is a new foliar biostimulant from Nufarm that has been specifically developed to boost Dry Matter per hectare in grassland- an ideal sward rejuvenation tool following this period of extreme stress to grassland. There is even the option to combine the biostimulant **Prairie Verte** with the herbicide application so that grass growth is boosted as weeds die back.

Autumn Ragwort Control in Grassland

Under the **Noxious Weeds Act, 1936** it is an offence for owners and occupiers of land not to prevent the spread of noxious weeds such as Common Ragwort (*Jacobaea vulgaris*). Farmers are obliged under conditionality requirements to take appropriate measures to prevent the spread of noxious weeds under Good Agricultural and Environmental Condition (GAEC).

Why is autumn a great time to control Ragwort?

- Ragwort is a biennial (2 years to complete its biological life cycle) which produces a leafy rosette in autumn of Year 1
- **Rosette stage** is best target for herbicide application
- Downward translocation in autumn, Ragwort is actively growing in warm, moist soils and translocating downwards
- Efficacy can be better than spring application (when Ragwort is extending up towards flowering and growth is slow)
- Autumn application avoids toxic Ragwort material in grass next spring/summer as decaying plant material rots away over winter and gives opportunity to close off grazing paddocks in advance of the winter period



THRUST
3.5 L/ha

Note:

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

Early Autumn Control Regrowth of Perennial Weeds Post-Cutting:



THRUST
2.5 L/ha
&
Fluroxypyr
(Tandus)
1.0L/ha

Power of 3 actives: 2,4-D + dicamba + fluroxypyr, can be applied with biostimulant **Prairie Verte**

A proven mix with **broad weed spectrum**, ideal for application post silage/hay regrowth

Very safe mix Agronomy Solution for use on **established grass**, giving excellent control of :

Docks | Thistles | Nettles | Buttercup | Dandelion

- ✓ Silage & grazing land 14-day grazing interval
- ✓ Knapsack application with Thrust
- ✓ Apply April – September
- ✓ Option to apply herbicide with **Prairie Verte** biostimulant (see below...)

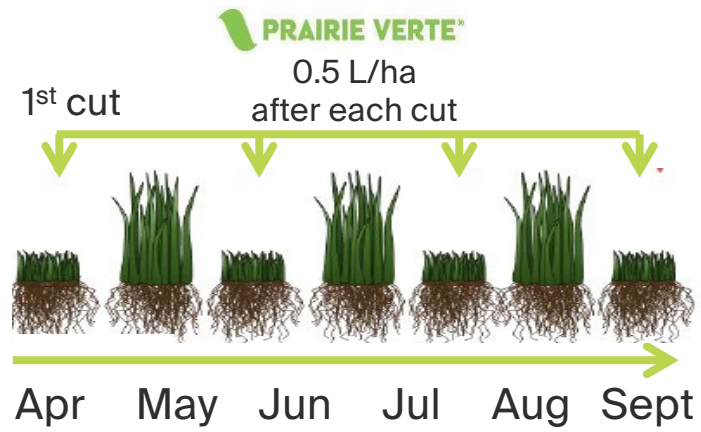


also available as a convenient retail Twin Pack: **PasturePack**

Ideal Agronomy Solutions for grassland weed control on **dairy, beef or sheep farms**

Biostimulation in Multi Cut Systems for extra DM/ha

- Apply **Prairie Verte 0.5 l/ha** in 200 litres water per ha with Herbicide application and/or after every cut to boost DM/ha in the following cut
- PRAIRIE VERTE increases photosynthesis and translocation within the grass regrowth leading to extra Dry Matter
- Initial studies have shown DM/ha increase of 12% and even as high as 50%



Autumn sown New Ley Weed Control with DOCKMASTER

Weed control and sward boost in New Sown Leys with DockMaster and Prairie Verte

- Competitive weeds such as seedling Docks & Thistles, Fat Hen, Small Nettle and Chickweed can be easily controlled at this early susceptible stage of the grass crop. Do not allow perennial weeds to become established as they are a much tougher target to control later on.
- Newly sown grasses need to become established as quickly as possible and the addition of **Prairie Verte** biostimulant to the application of **DockMaster** is a convenient way to give the crop an early boost at the same time as eliminating weeds



Dockmaster
1.5 L/ha
&
Tomahawk (fluroxypyr)
0.75L/ha
&
Prairie Verte
0.5 L/ha

- Excellent control of Docks, Chickweed, Charlock, Small Nettle and Fat Hen
- Ideal product for intensive dairy and livestock sector
- New sown ley application
- Short grazing and cutting interval – 7 days
- Good fit for multi cut silage and rotational grazing

Bracken Control



THRUST
3.5 L/ha
&
Eagle
60 G/ha



Treated vs untreated 1 year after application-
Demo trial at Tinahely Co. Wicklow July 2022

- Agronomy solution for control of weeds in permanent grassland and is effective on bracken
- Apply in 200 litres of water/ha to new leafy growth at frond fully unfurled during July onwards for best results
- 1 pack Thrust + 1 pack Eagle treats 2ha
- Allow top growth to die back fully in year of application
- Remove dead stems in the following spring

Apply Grassland Herbicides Responsibly:



Protect Your Water

Nufarm is dedicated to taking an active approach to supporting effective environmental stewardship and best practice guidelines.

Herbicide application requires careful management to **Protect our Water** sources. Herbicide users have a moral and legal responsibility to prevent herbicides from drifting and contaminating or damaging neighbouring crops or environmentally sensitive areas.



Ensure only Certified Spray Operators and Equipment are used to apply the products



Use Plant Protection Products safely.



Observe all product buffer zones.



Do not exceed the maximum application rate.



Do not fill or wash down sprayer in yard unless measures to collect washings for safe disposal in place.



Do not use on waterlogged fields, if tyre marks are visible, the field is too wet.



Clean and wash down your sprayer at the end of the day, well away from water bodies or open drains.



Do not use if rainfall is expected. Apply on a calm day when weather conditions are good.



Scan Here for More Stewardship Guidance

<https://nufarm.com/ie/stewardship/>

Our Friendly Team are available to assist you with any queries you may have:

Email: technical.queries@nufarm.com
Tel: 07887 715516



DockMaster (PCS No 06760) contains 660 g/l MCPA+ 90 g/l dicamba
Thrust (PCS No 04520) contains 344 g/l 2,4-D +120g/l dicamba
Tomahawk/Tandus (PCS No 06840) contains 200g/l fluroxypyr
Prairie Verte contains non purified vegetal extracts
Eagle contains 75% w/w amidosulfuron
DockMaster, Thrust, PasturePack are Nufarm trademarks
Eagle is a registered trademark of Bayer CropScience

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Established Grass >1 year								New Sown Ley < 1 year	
GRASSLAND WEEDS (pre flowering, leafy stage)	Thrust 3.5 L/ha	Lupo 4.0 L/ha	Depitone Ultra 2.0 L/ha	Tomahawk/Tandus 1.0 L/ha	D50 3.3 L/ha	Agritox / NU46 2.7 L/ha	Dockmaster 1.5 L/ha	SEEDLING WEEDS (<6 leaves)	Dockmaster 1.5 L/ha + Tomahawk 0.75 L/ha
Bramble	**	-	**	**				Bindweed	***
Bracken	**	-	*	-				Black Nightshade	***
Burdock	***							Buttercup	***
Buttercup sp.	***	***	***	*	***	**	**	Charlock	***
Chickweed	*	*	**	***			***	Chickweed	***
Clover	***	**	**	***				Cleavers	***
Cranesbill sp.	***	**						Cranesbill	*
Cow Parsley	**	-	-	*				Dandelion	***
Daisy	**	**	**	**	**	**		Dock (seedling)	***
Dandelion	**	*	**	***	**	*	**	Fat Hen	***
Dock sp.	***	**	**	***	**		***	Fumitory	*
Himalayan Balsam	***							Groundsel	***
Hogweed	*	-	-	-				Hempnettle	***
Mouse Ear common	**	*	*	**			*	Knotgrass	**
Nettles	**	*	**	*	**		**	Mayweed	**
Plantain	***	***	***	*	***	***	***	Mouse Ear	***
Ragwort	***	**	**	*	**	**	**	Annual Nettle (small)	***
Rush (Soft)	-	***	*	-	**	**	*	Redshank	**
St John's Wort	**							Red Deadnettle	**
Sycamore seedlings	***							Runch	***
Thistle creeping	***	**	**	*	**	**	**	Shepherd's Purse	***
Thistle spear	***	**	**	*	**	**	**	Sowthistle prickly	**
Yarrow	*	*	*		*	*		Speedwell sp.	*
Yellow Rattle	**	*	*		*			Thistle (seedling)	***

*** Good control ** Moderate control *Some activity - Tolerant

Indications only - this information does not constitute a recommendation.

Livestock should be excluded from treated areas until any ragwort has completely died and there is no visible sign of the dead weed.

Use plant protection products safely. Always read the label and product information before use. For label and safety information, refer to the Nufarm website

www.nufarm.com/ie