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The arsenal for grassland weed control

Herbicide options for grassland continue to disappear!

Our own much favoured PastorPro\textsuperscript{*} was revoked so that sales ceased from 31\textsuperscript{st} October 2016. Usage on farm can continue though until 31\textsuperscript{st} October 2017. We have a replacement option for this year – PastorTrio\textsuperscript{*}.

Many products have lost knapsack use approvals, and for some stock exclusion periods have been extended.

IASIS credits applied for, please sign up for newsletter as proof of requested technical updates.
Those that are re-registered may have shorter windows of application or dose rate reductions. We will rely on a smaller number of solutions so stewardship, appropriate use and robust dose rates are key to sustaining those that remain.

Two new solutions for 2017!

With a strong R&D ethos, a reputation for science and innovation and a focus on meeting the needs of the market, Dow AgroSciences is launching two new solutions for the market this year.

The two new products, PastorTrio and Envy® have received approval from PRCD and are available now for recommendation and use.

PastorTrio has been approved for use on new sown leys, grass grown for seed and maize. Many grassland herbicides have recently lost approval for use in new sown leys. This option will fill a vital gap. PastorTrio, with three actives: florasulam, fluoxypyr & clopyralid delivers a very wide spectrum of weed control. It controls fat hen, charlock, chickweed, mayweed, seedling docks & thistles and has useful activity on redshank, orache, fumitory and others.
Profile:
- 100 g/l fluroxypyr + 80 g/l clopyralid + 2.5 g/l florasulam
- Use at 1.0 l / ha on new sown leys from 1st Feb to 31st August
- Apply from third leaf visible stage of the grass
- Comes in a 3 litre pack and should be applied in 200 litres water
- Will kill clover

Maize
Weeds in young maize crops can also be controlled with PastorTrio. This is the first approval for florasulam in maize. Combined with fluroxypyr and clopyralid, it presents a comprehensive post emergence broad leaved weed control solution.

Profile:
- Apply at 1.0 l/ha from 10th April to 31st May and between the 3-6 leaf stage
- Do not apply once the crop is over 20 cm tall
- Excellent control of black nightshade, field bindweed & black bindweed

Click [here](#) for the technical information sheet for PastorTrio.

Envy is a new selective herbicide for grassland. It contains fluroxypyr and florasulam - a new active for established grassland. It delivers excellent control of all species of buttercups. There are three main areas of use:

1. Use in paddocks and pastures where overgrazing or lack of nutrients creates a weed problem perfect for an Envy treatment
2. To control chickweed in established pastures. Much better than straight fluroxypyr as it works better in cooler conditions and requires a lower dose of product
3. To control a wide range of broadleaved weeds in new sown leys

Applied at 2.0 l/ha, Envy will control buttercups, dandelions, plantain, daisies and docks. It is particularly suited to use in equine grazed paddocks as there are no subsequent concerns with respect to herbicide residues in manure. This is important as dung is frequently picked up and composted before being used in gardens and allotments.

Profile:
- 100 g/l fluroxypyr + 2.5 g /l florasulam
- A short grazing interval of just 7 days so animals can return quickly
- It can be applied from 1st February to 30th November – so excellent for weed control in autumn re-seeds
- It will kill clover
- The dose rate on established grassland is 2.0 l/ha and so the 3 litre pack treats 1.5 hectares or 3.7 acres
- Apply in a water volume of 200 l/ha.
- Rainfast in 2 hours

Click [here](#) for the technical information sheet for Envy.
Zypar – Approved for cereals

Dow AgroSciences has unveiled Zypar™, a co-formulation of florasulam and Arylex™ Active. Offering Irish growers unparalleled control of key broad-leaved weeds in both the Spring and Autumn, Zypar is effective in cold and variable temperatures.

While Zypar’s chemistry shares many of the groundbreaking features that growers using Pixxaro have experienced, its ability to take out weeds in the autumn as well as the spring offers a key difference.

Zypar can be applied from early growth stages through to growth stage 45 in all winter and spring cereals except oats. Crucially it offers outstanding control of problem weeds such as cleavers, poppies, cranesbill, fumitory, fat hen, chickweed, brassicas and mayweeds.

Growers will get their first opportunity to use the product this spring and are expected to make use of Zypar’s flexibility and alternative mode of action.

Fast Facts - Docks

- Grow in soils rich in nitrogen and phosphates
- Left untreated infestations increase in size
- Tap roots can reach depths of 1.5m where they access moisture and nutrients
- Flower from June onwards
- Can produce 60,000 ripe seeds/year
- Seeds spread on animals or in manure
- 60% the feed value of grass
- Tough stalks can puncture silage wrap on round bales leading to spoilage
More information can be found at www.dowagro.com/ie/

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Use plant protection products safely. Always read the label and product information before use.  
PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL.  
Triple Rinse Containers and Invert to Dry at Time of Use.

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PastorPro contains clopyralid, fluroxypyr and triclopyr  
PastorTrio contains florasulam, fluroxypyr & clopyralid  
Envy contains fluroxypyr & florasulam  
Zypar contains florasulam and halaxifen-methyl (Arylex™ Active)