### Annually weeds

- Bindweed (black)
- Bindweed (field)
- Bristly ox-tongue
- Charlock
- Chickweed
- Cleavers
- Corn chamomile
- Corn marigold
- Cranesbill
- Dead-nettles
- Fat-hen
- Field marigold
- Forget-me-not
- Fumitory
- Groundsel
- Hemp-nettle
- Himalayan balsam
- Knotgrass
- Mayweeds
- Mallow
- Malva
- Nettle (small)
- Nightshade (black)
- Oxalic
- Pale persicaria
- Poppy
- Redshank
- Scarlet pimpernel
- Shepherd’s purse
- Shepherd’s purse
- Sow thistle
- Sow thistle
- White dead-nettles
- Yellow rattle

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### Perennial weeds

- Bindweed
- Broom
- Buttercups
- Cinquefoil
- Clover (turf)
- Cow parsley
- Daisy (common)
- Daisy (ox-eye)
- Deadman’s
- Dock
- Sorrel
- Ground ivy
- Gloucester
- Ground elder
- Harefoot
- Horsetail
- Hemp-nettle
- Himalayan balsam
- Knotgrass
- Mayweeds
- Medick
- Nettle (common)
- Nightshade (black)
- Orach
- Pale persicaria
- Poppy
- Redshank
- Scarlet pimpernel
- Shepherd’s purse
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- Sow thistle
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- White dead-nettles
- Yellow rattle

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### Weed control key

- **Good control**
- Moderate control
- Some control
- **No control**
- **No information**

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**Grassland weed control guide**

High performance weed control. Excellent grass safety. Will help you get more grass from what you’ve got.

**Solutions for weed-free pastures**

**Dow Grassland Guides**

To download the Grassland app, visit your device App Store and search for ‘Dow Grassland’.

For grassland advice call Whelehan Crop Protection on: 01 4688900 or email: cropprotection@tpwhelehan.ie or visit www.dowagro.ie

@Willie_Corrigan

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.

Authorisation Holder: Dow AgroSciences LTD, CPC2, Capital Park, Fulbourn, Cambridge CB21 5XE.

Marketing Company: Whelehan Crop Protection, Suite 11/12 Bunkilla Plaza, Bracetown Business Park, Clonee, Dublin 15, Co Dublin Ireland. Tel: 01 4688900 Email: cropprotection@tpwhelehan.ie

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Doxstar®Pro contains fluroxypyr and triclopyr. Envy™ contains fluroxypyr and florasulam.

Forefront® T contains aminopyralid and triclopyr. Grazon®Pro contains clopyralid and triclopyr.

Pastor™ Trio contains fluroxypyr, clopyralid and florasulam. Thistlex® contains clopyralid and triclopyr.

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@Willie_Corrigan
Get more grass from what you've got

Control weeds in pastures because they:

- Compete with grass for space, light, nutrients and water
- Are unpalatable to stock
- Can be poisonous e.g. ragwort or buttercup
- Take over the pasture and left unchecked limit ability to grow
- Can spread to neighbouring properties
- Make pastures look messy, untidy and unkempt.

Herbicide control options

A grassland herbicide will not cure the underlying problems but will help renovate the pasture to a more productive level for a period of time.

Knapsack control works out cost-effective if weed populations are below 5% (count number of weeds in a 5m x 7m area – this number gives the % weed population).

Choice a product that:

- WILL deliver a high level of safety so grass growth is unaffected
- Has a short stock exclusion period so animals can return back to the field quickly
- Fits the weed spectrum being targeted and the method of application.

Product Range:

- **DoxstarPro**
  - Excellent control of broadleafed dock, curled dock and chickweed
  - Moves to the roots ensuring high levels of long-term control
  - Use in silage fields, hay meadows and grazing pastures
  - DoxstarPro does not hold back grass growth after application
  - The usage rate is 2.0 L/ha

- **Envy**
  - Apply via a boom sprayer
  - Translocates deep into the roots ensuring a lasting level of control
  - Controls buttercups, docks, plantains, daisies and more
  - Superior control to straight fluroxypyr on chlorsulfonyl weed particularly in cooler conditions
  - Very safe to grass and has a stock exclusion period of just 7 days
  - No residues in manure
  - WILL LIQ. COVER
  - The usage rate is 1.5-2.0 L/ha

- **Pastor Trio**
  - Provides excellent control of a range of grassland weeds, notably buttercups, thistles, dandelions and docks
  - Use Pastor Trio for established grassland, new sown leys and maize. It will control chickweed, fat-hen, seedling docks and thistles, buttercups, mayweeds, and many others
  - It contains three very effective actives: fluroxypyr, clopyralid and florasulam which deliver the widest weed spectrum of any new sown ley herbicide in the market.
  - The rate for a new ley is 1.0 L/ha and for established grass it is 2.0 L/ha

- **Grazon**
  - Designed for application via a knapsack
  - Provides excellent control of dock, thistles and nettles and also has an effect on a large range of other weeds – see our weed list
  - Fast acting and moves to the roots ensuring high levels of long-term control
  - Stock grazing can resume 7 days after application
  - It is very good value for money – 16 knapsacks from each litre of product when mixed in 10 litre batteries
  - It is rainfast in only 2 hours and is very safe to grass
  - The usage rate is 60ml in 1 l of water

See individual product label for full details.

KEY POINTS

- Read the label in full before use
- Target weeds at the right size – young and actively growing is best. If you have topped the weeds first then wait 2-3 weeks for sufficient weed regrowth before spraying
- Wear suitable protective clothing when spraying – gloves, coveralls and rubber boots
- Spray must be aimed away from the water courses
- Keep other people and pets out of treated areas for at least 2 hours until spray has dried off leaf
- Follow up treatments are sometimes needed:
  - Not all weeds are at their ideal treatment size at the same time
  - The visible weed above ground can be small compared with extensive root systems below ground
  - Large numbers of weeds can shade each other
  - Grassland with large weed populations often holds higher levels of weed seed in the soil
  - Removal of weeds can leave bare patches of ground ideal for further germination of weed seeds

Get more grass from what you've got

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**Dow AgroSciences** grassland herbicides are professional use products, which you can only use if you hold a relevant certificate of competence. Otherwise, seek training or employ a spray contractor or local suitably-qualified farmer to do the job for you.