



# **Buckler**

**a perfect building block for your  
autumn weed control programme**



## Buckler

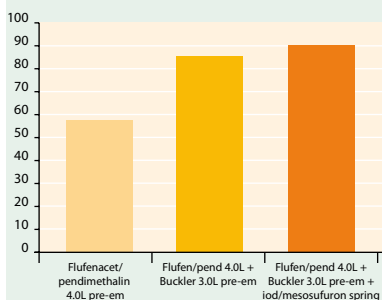
The demise of many actives in the autumn including isoproturon and trifluralin has left fewer choices for autumn weed control.

The flexibility of Buckler containing chlorotoluron and diflufenican makes it an ideal building block to support other chemistry for the control of Blackgrass and a top choice for the control of Annual meadow grass and broadleaved weeds in the autumn.

### Key advantages

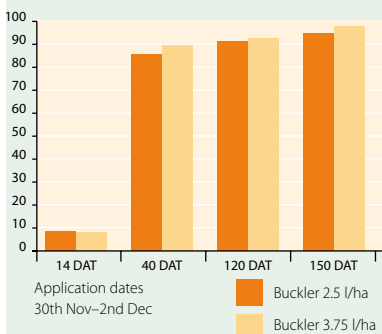
- A cost effective pre-emergence or early post-emergence platform from which to plan a Blackgrass control strategy in winter wheat in combination with other actives
- Post-emergence use in winter barley
- Good control of Annual meadow grass
- Control of many key broadleaved weeds in the autumn including Mayweeds not well controlled by many autumn actives
- One of very few options for Annual meadow grass control in winter barley
- Post-emergence timing allows opportunity to apply a BYDV insecticide as a tank mix
- A non-SU herbicide with a different mode of action. Can be used as part of a resistance control strategy
- Prevention of early weed competition
- Wide range of compatibilities

### Pre-emergence Buckler can play an important role as part of a Blackgrass control programme



Source: Armstrong Fisher Royston 2008

### Annual meadow grass control with Buckler. Mean of three trials (applied at GS 11-23 of Annual meadow grass)



Application dates  
30th Nov–2nd Dec

■ Buckler 2.5 l/ha  
■ Buckler 3.75 l/ha



## Nufarm Chlorotoluron Variety List 2011–12

The following winter wheat and winter barley varieties may be treated with Buckler (600 g/l CTU and 25 g/l diflufenican).

### Winter wheat

AC Barrie	Access	Alchemy	Ambrosia	Avalon	Beluga	Brompton
Chablis	Charger	Claire	Conqueror	Consort	Defender	Dickson
Einstein	Exsept	Gatsby	Gladiator	Goodwood	Gravitas	Hereward
Hurley	Istabraq	Invicta	Ketchum	Kipling	Lear	Marshall
Mascot	Nijinsky	Oakley	Option	Panorama	Qplus	Richmond
Robigus	Sahara	Savannah	Scout	Shamrock	Shogun	Soissons
Sogood	Solstice	Steadfast	Sterling	Target	Timber	Tuxedo
Viscount	Warrior	Welford	Zebedee			

### Winter barley

Accrue	Amarena	Antonia	Blazing	Boost	Bronx	Camion
Cannock	Carat	Cassia	Cassata	Celebrity	Colibri	Colossus
Cypress	Escadre	Fanfare	Flagon	Haka	Heligan	Jewel
Malibar	Manitou	Marcorel	Monalisa	Muscat	Pastoral	Pearl
Pict	Pelican	Purdey	Regina	Retriever	Saffron	Scylla
Sequel	Siberia	Suzuka	Spectrum	Trick	Vanessa	Vanquish
Volume	Winsome	Wintmalt				

Varieties in red are new additions to the list

For information on old varieties please contact the Nufarm Technical Helpline

### Variety restrictions

It is safe to use Buckler on approximately 70% of winter wheat and over 90% of modern winter barley varieties. Every year Nufarm sponsor a number of variety trials. It is only after three years trials on two soil types each year that we are satisfied to add a new variety to our list.

### Weeds controlled

Annual meadow grass, Mayweed, Chickweed, Charlock, Speedwells, Pansies and many others.

Contact your agronomist for weed sizes and optimum timings.

## IMPORTANT NOTE

Please note use of straight chlorotoluron is revoked. Buckler is unaffected by this revocation and can continue to be used.

Always follow all crop safety cautions on the label. This variety list is unique to Nufarm formulations of chlorotoluron. Do not use this list for any other product containing chlorotoluron.

## Further information

Details of application timings and rates are detailed in Nufarm labels and product literature; both of which can be accessed from our web site

**[www.nufarm.com/uk](http://www.nufarm.com/uk)**

**Technical helpline 01274 694714**

**Monday-Friday 9am-5pm**

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Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.nufarm.com/uk](http://www.nufarm.com/uk)  
Buckler is a Nufarm trademark.