

KINGSTON



KINGSTON (PCS No. 06514) contains 144 g/L fluroxypyr-meptyl (100g/L acid equivalent), 80 g/L clopyralid, and 2.5 g/L florasulam. It is a post-emergence herbicide for the control of Cleavers, Common Chickweed and other broad-leaved weeds in winter and spring wheat, barley, rye, oats, durum wheat and winter triticale.

KINGSTON is an emulsifiable concentrate formulation containing an ALS inhibitor and must be used in accordance with the product label which also includes tank-mix and sequencing information.

For more information including product label, safety data sheet and compatible tank mixes see the Life Scientific website

<https://ie.lifescientific.com/#products>

or download the App to get product information direct to your phone.

Product approvals

CROP	MAX IND. DOSE (litres/Ha)	MAX NO. APPLICATIONS	LATEST TIME OF APPLICATION
Winter wheat, winter barley, winter rye, triticale.	1.0	One per year	Before flag leaf detectable stage (before GS 39)
Spring wheat, spring barley, durum wheat.	1.0	One per year	Before flag leaf detectable stage (before GS 39)
Winter oats, spring oats, spring rye	1.0	One per year	Before second node detectable stage (before GS 32)

For winter wheat, winter barley, winter rye, triticale, spring wheat, spring barley and durum wheat KINGSTON should be applied from 1st February once the crop has reached the 3 leaf stage (GS 13) and before flag leaf detectable stage (GS 39).

For winter oats, spring oats and spring rye KINGSTON should be applied from 1st February once the crop has reached the 3 leaf stage (GS 13) and before second node detectable stage (GS 32).

Weed Control

KINGSTON combines an ALS inhibitor herbicide (florasulam) with two other highly active herbicides with different but complimentary modes of action (clopyralid and fluroxypyr). Clopyralid is very effective against mayweeds, whilst florasulam and fluroxypyr have good activity against Cleavers (*Galium aparine*), so the risk of resistance building is reduced.



Cleavers

Cleavers have been described as space invaders due to their amazing ability to grow and fill available space. Work conducted at Long Ashton in the UK showed that 100 plants/m² can lead to a 70% reduction in wheat yield and 25 plants/m² giving a 30% yield loss. Just 2 plants/m² can cause 5% yield loss, and Cleavers are over 5 times more competitive in a wheat crop than other broad-leaved weeds, including poppies. Cleavers are also an issue due to contamination of the grain and harvesting difficulties. Just one plant can produce 1,000 seeds, so surviving plants can create an issue in the next crop. Cleavers germinate in autumn and spring and are difficult to control using only cultural methods, needing effective weed control from the herbicide programme.

About Life Scientific

We specialise in bringing high quality off-patent crop protection products to market. Our goal is to give our customers better options to meet their plant protection needs.

So if it's under the Life Scientific brand you can be confident it's as effective as the current leading standards in the market.

For product queries in the UK, call our free phone helpline 0800 044 5025 or email infoUK@lifescientific.com

Weed spectrum

An application of 1.0 L/Ha KINGSTON will control the following emerged weeds:

WEED SPECIES	MAXIMUM WEED SIZE CONTROLLED
Cleavers	120-150 mm
Common chickweed	100 mm
Scented mayweed	200 mm
Scentless mayweed	200 mm
Volunteer oilseed rape	4 true leaves
Wild radish (Runch)	50 mm

ALS sequences and tank-mixes

KINGSTON may be applied in a tank-mix or sequence (joint application) to the same cereal crop with one of the specified ALS products shown below:

Accurate	Ally Max SX	Biplay	Boxer*
Broadway Star*	Calibre SX	Choir	Finish SX
Harmony M SX	Hussar	Lorate	Presite SX
Quantum	Spitfire	Starane XL	Thor

*The total amount of florasulam applied to a cereal crop must not exceed 7.5 g.active ingredient/Ha.

For autumn-planted crops, a maximum total dose of 3.75 g of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

As KINGSTON contains an ALS inhibitor, ensure that label guidance regarding tank-cleaning is followed.

KINGSTON is a registered trademark of Life Scientific. KINGSTON contains florasulam, clopyralid and fluroxypyr-meptyl.

All other products are those of other manufacturers where proprietary rights may exist. 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.lifescientific.com