

SUMIR



SUMIR contains 50 g/l florasulam and is a selective post emergence herbicide for the control of Cleavers and other broad-leaved weeds in winter and spring crops of wheat, barley and oats.

SUMIR is a suspension concentrate ALS inhibitor and must be used in accordance with the product label which also includes sequencing information.

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

<https://lifescientific.com/products/uk/sumir/>

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

Product uses

CROP	MAX IND. DOSE (litres/Ha)	MAX TOTAL. DOSE (litres/Ha)	MAX NO. TREATMENTS (per crop)	LATEST TIME OF APPLICATION
Winter and spring wheat, barley and oats	0.15	0.15	-	Up to and including flag leaf ligule just visible stage (GS39 inclusive)

SUMIR can be applied once the cereal crop has reached the 3 leaf stage (GS 13) and all treatments should be completed before it exceeds the flag leaf ligule just visible stage (GS 39).

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

Weed Control

SUMIR controls a range of annual broad-leaved weeds in the autumn and spring, including the highly competitive weed – Cleavers (*Galium aparine*). Cleavers have been described as space invaders due to their amazing ability to grow and fill available space. Work conducted at Long Ashton 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.



ALS sequences and tank-mixes

Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with SUMIR. SUMIR may be applied in a tank-mix or sequence (joint application) to the same cereal crop with one of the ALS products shown below:

Alias SX (M18668)	Ergon (M19580/20656)	Lorate (M18687)
Ally Max SX (M18768/20682)	Finish SX (M18762)	Nautius (M18838)
Avro SX (M18771)	Galaxy (M18952)*	Niantic (M18217)
Barton WG (M13284)*	Hamlet (M17370)	Othello (M16149)
Biplay SX (M18800/20665)	Harmony M SX (M18824)	Pinnacle (M18781)
Boudha (M19537)	Hatra (M16190)	Presite SX (M18776)
Broadway Star (M18273)*	Hiatus (M16059)	Ratio SX (M18786)
Calibre SX (M15032)	Horus (M16216)	Savvy Premium (M18461/20642)
Chimera SX (M18823)	Hunter (M19776)*	Slalom (M19777)*
CINTAC (M18222)	Inka SX (M18760)	Spitfire (M19945)*
Concert SX (M18806)	Jubilee SX (M18686)	Starane XL (M19775)*
Dakota (M19179)	LAYA (M19016)	Traton SX (M18793/20674)

*Do not exceed maximum dose of florasulam.

Apart from these specific joint applications SUMIR must not be applied with any other product containing an ALS inhibitor.

However, a further application of SUMIR or another product containing florasulam may also be made providing the maximum total dose of florasulam is not exceeded.

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 new free phone helpline 0800 044 5025 or email infoUK@lifescientific.com

Autumn application

An application of 0.075 L/Ha or 0.05 L/Ha SUMIR will control the following emerged weeds in the autumn:

WEED SPECIES	0.075 L/Ha	0.05 L/Ha
Cleavers (MS)	2.5 cm	2.5 cm
Common chickweed	5.0 cm	3.0 cm
Scented mayweed	5.0 cm	3.0 cm
Scentless mayweed	3.0 cm	3.0 cm
Volunteer oilseed rape	8.0cm	6.0cm

Spring application

Apply as a single application of 0.15 L/Ha or as a split application provided the total dose applied does not exceed 0.15 L/Ha. The single application of 0.15 L/Ha will control all the weeds listed below up to the growth stages specified but the split application can be useful where an extended period of weed germination is expected.

WEED SPECIES	0.15 L/Ha	0.1 L/Ha	0.05 L/Ha
Cleavers	Up to 50 cm	Up to 20cm	-
Common chickweed	-	Up to flowering	6 true leaves
Hedge mustard	-	10 cm	-
Scented mayweed	-	Flower buds visible	Rosette
Scentless mayweed	-	Flower buds visible	Rosette
Shepherd's purse	-	10cm	-
Volunteer oilseed rape	-	Before flower buds visible	4 true leaves
Wild radish	-	10cm	-

SUMIR, LAYA, NIANTIC and CINTAC are registered trademarks of Life Scientific. SUMIR contains florasulam. LAYA contains metsulfuron-methyl. NIANTIC and CINTAC contain mesosulfuron-methyl and iodosulfuron-methyl-sodium.

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