



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.

Sequencing Information

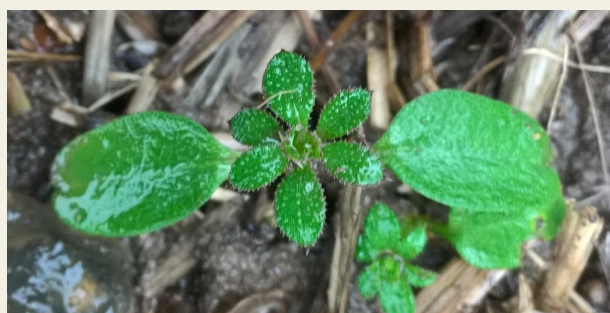
Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with Sumir. Sumir may be applied in a tank mix or sequence (joint application) to the same cereal crop with one of the ALS products shown opposite.

Apart from these specific joint applications Sumir must NOT be applied with any other product containing an ALS-inhibitor.

Atlantis WG	Finish SX	Oklar SX
Absolute	Galaxy	Oriel 50 SX
Alias SX	GF-184	Othello
Ally Max SX	Harmony M SX	Pacifica
Avro SX	Hatra	Pinnacle
Barton WG	Horus	Presite SX
Biplay SX	Hunter	Ratio SX
Bullion	Hussar	Slalom
Calibre SX	Inka SX	Starane XL
Chimera SX	Jubilee SX	Thor
Cintac®	Lorate	Traton SX
Concert SX	Niantic®	

Cleavers Control

Cleavers (*Galium aparine*) are a highly competitive weed and can be found right across the country, particularly on fertile soil types. 100 cleavers plants per m² of wheat can lead to a 40% reduction in yield. Just 2 plants per m² will cause 5% yield loss. Plants can grow above the crop canopy and have a significant impact on lodging and cause other harvesting difficulties such as excess moisture and seed contamination. Weeds germinate in autumn and spring and are difficult to control using only cultural methods.



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 as susceptible up to the growth stage specified but the split application can be useful where an extended period of weed germination is expected.

Remember to check the weed growth stage immediately before application.

SPECIES	0.15 l/ha	0.1 l/ha	0.05 l/ha
Cleavers	to 50 cm	to 20 cm	–
C'm chickweed	-	to flower	6 true lvs
H mustard	-	10 cm	–
S'td mayweed	-	buds visible	rosette
S'less mayweed	-	buds visible	rosette
Shep purse	-	10cm	-
V OSR	-	buds visible	4 true leaves
Wild radish	-	10cm	-

Autumn Application:

An application of 0.075 or 0.05 l/ha Sumir according to the size of the weeds present, will control the following weeds provided they are emerged at application.

Species	0.075 l/ha	0.05 l/ha
Cleavers (* only)	2.5 cm	2.5 cm
C'm 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	8.0 cm	6.0 cm

*MS = moderately susceptible

Product restrictions

For autumn planted crops, a maximum total dose of 3.75g 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.a.s./ha

DOSE RATE AND TIMING

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

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

Sumir, Niantic and Cintac are registered trademarks of Life Scientific. Sumir contains florasulam. 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