



## CINTAC

CINTAC contains 30 g/kg mesosulfuron-methyl + 10 g/kg iodosulfuron-methyl-sodium.

It is a combination of two highly active sulfonylurea herbicides for the control of sensitive Black-grass, Wild-oats, Rye-grasses and Bromes, as well as Meadow-grasses, Common chickweed, Volunteer oilseed rape, and Mayweeds in winter wheat.

For more information including product label, safety data sheet and compatible tank mixes see the Life Scientific website <https://lifescientific.com/products/uk/niantic/>

Download the App to get product information direct to your phone.

## The product

CINTAC is a reverse-engineered herbicide formulation based on the standard reference product, Pacifica.

It applies more active ingredient than other products containing the two active ingredients, including NIANTIC, HATRA and HORUS, and is especially useful for control of Brome grasses.

CINTAC must only be applied between 1<sup>st</sup> February in the year of harvest and GS 39 of the crop.

CROP	MAX IND. DOSE (kg/Ha)	MAX TOTAL DOSE (kg/Ha)	MAX NO. OF TREATMENTS (per crop)	LATEST TIME OF APPLICATION
Winter wheat	0.5	0.5	1	Flag leaf ligule of the crop just visible (GS 39)

# Weed control

CINTAC, plus authorised adjuvants PROBE or Biopower, will control the following weeds post-emergence in winter wheat and is most effective when weeds are small and actively growing. Weeds should be emerged at the time of application and those emerging after application will not be controlled.

The higher dose of 0.5 kg/Ha should only be used where Brome grasses are the major component of the weed spectrum

WEED SPECIES	At 0.4 kg/Ha	At 0.5 kg/Ha
Annual Meadow-grass	S up to GS 31	-
Black-grass (sensitive)	S up to GS 39	-
Charlock	S up to GS 16	
Common chickweed	S up to branching (10 cm)	
Great brome	MR up to GS 33	MS up to GS 33
Italian Rye-grass	S up to GS 32	
Mayweeds	S up to branching (10 cm)	
Perennial Rye-grass (from seed)	S up to GS 32	
Rough-stalked Meadow-grass	S up to GS 31	
Rye brome	MR up to GS 30	MS up to GS 30
Sterile brome	MR up to GS 33	MS up to GS 33
Volunteer oilseed rape	S up to GS 16	
Wild-oats	S up to GS 39	

S = Susceptible; MS=Moderately Susceptible; MR=Moderately Resistant.

Populations of Black-grass and Italian Rye-grass with varying levels of resistance to ALS and ACCase herbicides are widespread in the UK. ALS-resistant Chickweed is also present. CINTAC must therefore always be used as part of an integrated approach to weed control involving herbicide choice, rotation, cultivations, stale seedbeds and delayed drilling.

## ALS sequences and tank-mixtures

CINTAC must only be used in sequence or tank-mixture with one other ALS-inhibiting herbicide specified on the product label.

# Application trials

Whichever weed is being targeted, application of the herbicide is critical. This is especially true with grass weed control when applying to small weeds. CINTAC is a contact herbicide, meaning that effective spray coverage and retention on the target can make a significant difference to efficacy.

Applications expert Tom Robinson has been conducting trials for Life Scientific to investigate how to get the most from products containing mesosulfuron-methyl and iodosulfuron-methyl-sodium, including CINTAC.

The replicated and large-scale field trials showed that boom height and nozzle choice were key to getting the best performance from the herbicide.

Black-grass spray coverage fell from 26% at 50 cm nozzle height to 19% at 100 cm, a drop of 35%. The figures illustrate the importance of keeping the nozzle at a height no greater than 50 cm above the crop to get the best kill of Black-grass.

The 'Best Application' is the one which will give the best efficacy under the widest range of conditions, whilst also managing drift. Tom advises keeping boom height to no more than 50cm, maintaining sprayer speeds at 12kph and only using CINTAC with approved adjuvants PROBE or BioPower.



## 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](mailto:infoUK@lifescientific.com)**

CINTAC and NIAN TIC are registered trademarks of Life Scientific. PROBE is a trademark of Life Scientific. CINTAC and NIAN TIC contain mesosulfuron-methyl and iodosulfuron-methyl-sodium.

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