



# TOPIK®

## GETTING THE BEST FROM TOPIK® IN THE DRY SPRING OF 2021

**The widespread stressful growing conditions in spring 2021 are an unavoidable consideration in achieving the best possible results with the wild oat herbicide TOPIK®.**

Optimum performance of TOPIK® occurs when weeds are growing well, low temperatures slows metabolism of plants like wild oats and as a consequence uptake and movement of the active ingredient and subsequent inhibition of growing tissues will be reduced. In colder weather, attention to use of label rates and achieving optimum coverage become very important. As conditions improve, although TOPIK® quickly penetrates plant cuticles in warmer weather, it is only advantageous where soil moistures support rapid weed growth. Activity on drought stressed weeds will be slower and in long periods of drought the final performance could be impacted. Once again paying close attention to good application technique will be beneficial.

Tank mixes are a useful option when weather conditions reduce spray windows and there are many products that are physically compatible with TOPIK®. Unfortunately, some herbicide modes of action attractive to tank mix are not biologically compatible with fop and dim actives like TOPIK® and will lead to poor weed control. While TOPIK® can be tank mixed with ALS Inhibitors such as sulfonyl-urea herbicides (SU) herbicides when used at the full rate of 125ml/ha plus oil. **DO NOT** mix reduced rate TOPIK® with an SU. TOPIK® should not be mixed with hormone herbicides and must be used in sequence; wait 14 days from application of a hormone herbicide before using TOPIK®, or seven days after TOPIK® application before using a hormone herbicide.

Achieving good target coverage of wild oats is critical for high levels of activity on susceptible grassweeds. Volumes nearer 100L/ha work well on open canopies or where target plants are small but as crops develop in the spring, spray volumes nearer 200L/ha will perform better and spray nozzles should be selected to deliver optimum spray coverage and penetration into the crop canopy. Using a suitable adjuvant is often beneficial and, in this case, a lower dose rate of 0.125 L/ha can be employed.

**NB:** There are strains of some annual grasses (e.g. blackgrass, wild oats and Italian ryegrass) that have developed resistance to the ACCase mode of action in TOPIK® and similar herbicides which may lead to reduced performance.



### Product Information

**Active ingredients:**

240g/L clodinafop-propargyl

**Formulation:** Emulsifiable Concentrate

**Pack size:** 1 litre

### Key Benefits

- Wild oats are the most competitive grass weed – more than twice as severe as black-grass
- 1 plant/sqm can reduce winter cereal yields by 1.0 tonne/ha
- Most wild oats germinate in the spring
- Early wild oat control delivers significant yield increase

### Application Information

**Water volume:** 100-200L/ha

**Spray quality:** Fine or medium

**Aquatic buffer:** None

**Rate:** 0.25L/ha (or 0.125 with adjuvant)

### Crop Information

Wild oats are predominantly spring germinating. Winter cereal crops drilled later may eliminate many of the early autumn germinating wild oats, but the flush of spring germinators must still be controlled.

Smaller spring germinating wild oats offer a greater opportunity for highly effective control.





## TOPIK® Tank Mixes

### 2-Way Mixes

The following tank mixes have been tested under continuous agitation for physical compatibility with TOPIK® and will mix at recommended rates:

#### Fungicides

Adexar	Colorado	Epic	Mantra	Opus	Prosaro
Amistar	Comet	Fandango	Mirage	Opus Team	Talius
Arizona	Corbel	Folicur	Mojave	Orius P	Tracker
Brutus	Cortez	Ignite	Monkey	Phoenix	Unix
Caramba	Eclipse	Justice	Opera	Priori Xtra	
Ceando	Envoy	Kestrel	Optimus	Proline	

#### Herbicides

Ally Max Sx	Boxer	Eagle	Jubilee SX	Quantum Sx	Zypar
Anthem	Calibre Sx	Firebird~	Liberator	Starane XI	
Atlantis + Biopower	Cinder	Harmony M Sx	Omaha 2~	Stomp Aqua	
Axial + Adigor	Defy	Herold	Pico Stomp/Pico Pro	Thor	

#### Insecticides

Cypermethrin	Gandalf	Mavrik	Sceptre
Decis	Hallmark with Zeon Technology	Revolt	Sumi-Alpha

#### Growth Regulators

Adjust	Moddus	Optimus	Terpal
Chlormequat	Moddus + Chlormequat (1/2 rate of each)	Optimus + Chlormequat (1/2 rate of each)	

#### Adjuvants

ADAMA Agricultural Solutions UK Ltd recommend methylated seed oils in preference.

GROUP	GROUP	GROUP	GROUP
Methylated seed oils <sup>1</sup>	Mineral oil <sup>2</sup>	Non-ionic surfactants <sup>2</sup>	Others
Abacus		Bio Syl	Adigor
Drill			Biopower
Phase II			Felix
Toil			

#### Trace Elements

Headland Jett	Nutrel Nutrichel CaB*	Verdi-crop Foliar Plus	Yara Vita Mantrac 500
Headland Stag	Nutrel Nutrifast Catalyst*	Yara Vita Bortrac	Yara Vita Mantrac DF
Headland Super 80	Verdi-crop Human	Yara Vita Caliphos	Yara Vita Molytrac 250
Headland Thio-S	Verdi-crop Manganese Copper DF	Yara Vita Croplift	Yara Vita Phosamco
Nutrel Fastmix K-Man*	Verdi-crop Manganese DF	Yara Vita Ferleaf	Yara Vita Photrel
Nutrel Fastmix Manganese*	Verdi-crop Manganese Magnesium DF	Yara Vita Foliar Potash	Yara Vita Stopit
Nutrel Fastphyte Complete*	Verdi-crop Manganese Zinc DF	Yara Vita Liq MN 15%	Yara Vita Sulphur F3000
Nutrel Fastphyte High K*	Verdi-crop Phos Plus	Yara Vita Magphos K	Yara Vita Zintrac
Nutrel Maxman 400*	Verdi-crop 4 Yield	Yara Vita Mancozin	

ADAMA Agricultural Solutions UK Ltd will support the tank mixing of any of the above named trace elements with an existing 2-way tank mix including TOPIK®. ADAMA Agricultural Solutions UK Ltd advise that the trace element part of the tank mix is added to the sprayer tank last with constant agitation and the mixture is sprayed without delay.

### Incompatible Mixes

**DO NOT** tank mix with Attribut, Monitor and any product containing carfentrazone.

\* All Nutrel trace elements are supported/tested by Nutrel  
~ Maximum of 62.5gai diflufenican

<sup>1</sup> 0.5% of water volume minimum of 0.5 l/ha  
<sup>2</sup> 1% of water volume minimum of 1.0 l/ha