



## Safeguard your cereal crops potential with **PARAMOUNT MAX**

For large parts of the UK, autumn sowing conditions were favourable with a lot of winter cereal crops successfully planted and established across the country. Many winter crops did receive their weed control programme but following that, some areas have endured one of the wettest winter periods on record. Some later sown crops in particular may have missed out completely on their weed control and some others may need a “tidy up” for weeds that survived the winter, like volunteer beans and groundsel, that have continued growing over the winter months.

Spring cereal sowing has started but progress has varied due to soil conditions, but soils are starting to dry out allowing field work to progress.

Ahead of the growing season and in order to maximise yield potential returns, now is the time to plan an effective weed control strategy to protect this investment and maximise crop returns.

Nufarm offer a range of Agronomy Solutions including **Paramount Max** across many challenging weed situations, providing the perfect solution to control troublesome weeds in both winter & spring cereals.

**Paramount Max’s** novel formulation has been trialled for over seven years in spring cereals (barley & oats) and has proved to be extremely effective in controlling a wide variety of weeds, and with the correct **Phenoxy partner (ie High Load Mircam / Saxon or Isomec Ultra)** will provide complete BLW control and protect against potential SU resistance in weeds, such as Bur Chervil and Groundsel.

## Nufarm’s Agronomy Solution

An innovative co-formulation containing two complementary active ingredients:

### 200g/kg florasulam + 600g/kg tribenuron-methyl (WG)

- Mode of action – inhibition of ALS, HRAC/WSSA group 2 (Legacy HRAC B)
- Delivers 5 g florasulam + 15 g tribenuron at full rate (25 g/ha)
- Broad spectrum BLW (Broad-Leafed Weed) control including cleavers
- **Excellent activity on weeds, even in colder conditions**
- **Paramount Max** should be mixed with a non-ALS herbicide partner (i.e. Phenoxy) to prevent ALS resistance
- Earliest application: BBCH 13, not before 15th March
- Latest applications: BBCH 39 (winter), **BBCH 32 (spring)**

**PARAMOUNT MAX** 20-25 g/ha +  
**HIGH LOAD MIRCAM / SAXON** 1.0-1.25 l/ha  
 +/- adjuvant

Main Crops	<b>Spring Barley</b>	
Additional Crops	WB, WR, WT, WW	
Timing (BBCH)	Winter crop GS 13– 31 Spring crop GS 15 – 31	
Water Volume	100 – 300 l/ha	
Weed Spectrum	Brassicas	Chickweed
	Cleavers	(Non-ALS) Corn Marigold
	Fat Hen	Fumitory
	Hemp Nettle	Groundsel
	Polygonum spp	Speedwell spp

# Other scenarios... including ALS Chickweed, Corn Marigold, Fumitory, etc.



<b>PARAMOUNT MAX 20-25 g/ha + ISOMEK ULTRA 1.25-2.5 l/ha +/- adjuvant*</b>		
Main Crops	<b>Spring Barley &amp; Oats*</b>	
Additional Crops	WW, WB, WO, WT, WR	
Timing (BBCH)	GS 13 - 31	
Water Volume	100 - 300	
Weed Spectrum	Chickweed (Non-ALS)	Brassica spp
	Bur Chervil	CLEARFIELD OSR
	Corn Marigold (Non-ALS)	Fat Hen
	Forget-me-not	Fumitory spp
	Hemp Nettle	Mayweed spp (Non-ALS)
	Polygonum spp	Shepherds Purse

- ✓ Extremely broad-spectrum control and kind to Oats\*
  - ✓ Controls Chickweed
  - ✓ Controls CLEARFIELD OSR & Brassicas spp
  - ✓ Controls Cleavers
  - ✓ Excellent control of Corn Marigold
  - ✓ Controls Fat Hen & Orache
  - ✓ Controls Fumitory
  - ✓ Good activity on small pansies
  - ✓ Controls Polygonums
  - ✓ Controls ALS-poppies
  - ✓ Controls vol. beans
  - ✓ Excellent crop safety
- \* NO ADJUVANT ON OATS

## Trial Results- Visual Control 47 DAA



Untreated



PARAMOUNT MAX 20 g/ha + High Load Mircam 1.0 l/ha

- Paramount Max plus High Load Mircam Weed Control demo Co. Kilkenny, Ireland, SB cv. Mermaid
- Sown 18<sup>th</sup> March 2025
- Addition of Phenoxy partner increases weed control especially on Fat Hen and polygonums (Red shank and Bindweed), groundsel present in trial



# What is Isomec Ultra

**310 g/l dichlorprop-p + 160 g/l MCPA + 130 g/l CMPP (SL)**

- ✓ MoA – Auxin mimics HRAC group 4 (Legacy O)
  - ✓ Delivers 775g dichlorprop + 400g MCPA + 325g CMPP (at 2.5lt/ha)
  - ✓ Activity on key arable weeds:
    - Bur Chervil
    - CLEARFIELD OSR
    - Fat Hen / Orche
    - Fumitory
    - ALS resistant Mayweeds
    - ALS resistant Poppies
    - Polygonum spp
  - ✓ Buffer zones
  - ✓ Aquatic (LERAP B) = Crop 5
  - ✓ Non-target arthropods = N/A
- Latest application: before BBCH 32 Winter & Spring cereals  
Pack size: 10 litres

	ISOMEC ULTRA
Winter Barley	✓
Winter Wheat	✓
Winter Rye	✓
Winter Triticale	✓
Winer Oats	✓
Spelt	✓
Spring Barley	✓
Spring Wheat	✓
Spring Rye	✓
Spring Triticale	✓
Spring Wheat	✓

## Cereal phenoxy herbicide tank-mix compatibility with various Mn products

Product	Rate	Water volume	Nutrifast Mn S @ 5.0 l/ha	Nutrifast Mn N @ 5.0 l/ha	Nutrifast Maxman 500 @ 5.0 l/ha	Economan Mn DF @ 5 kg/ha	Refined MnSO4 @ 5 kg/ha
EASEL/ LARKE	2.2 l/ha	200 l/ha	PC/CA	PC/CA	PC/CA	PC/CA	I
DUPLOSAN KV/ COMPITOX PLUS	2.0 l/ha	100 l/ha	PC/CA	I	PC/CA	PC/CA	PC/CA
		200 l/ha	PC/CA	PC/CA	PC/CA	PC/CA	PC/CA
ISOMEC ULTRA	2.5 l/ha	100 l/ha	PC/CA	I	PC/CA	PC/CA	PC/CA
		200 l/ha	PC/CA	PC/CA	PC/CA	PC/CA	PC/CA

**Key:** PC/CA = Physically compatible with continuous agitation      I = Incompatible

Product	Active ingredients	Content	Formulation type
EASEL / LARKE	MCPA	750 g/l	SL
DUPLOSAN KV OR COMPITOX PLUS	Mecoprop-P	600 g/l	SL
ISOMEC ULTRA	Dichlorprop-P MCPA Mecoprop-P	310 g/l 160 g/l 130 g/l	SL
Nutrifast Mn S	Manganese Sulphur trioxide Sulphur	15% w/v 24% w/v 12% w/v	Li
Nutrifast Mn N	Manganese Nitrogen	23.5% w/v 12% w/v	Li
Nutrifast Maxman 500	Manganese (insoluble)	50% w/v	Li
Economan Manganese DF	Manganese Sulphur	30% w/v 18% w/v	WG
Refined Mn Sulphate	Manganese	31% w/v	WG

Crops:	Winter Cereals	Winter Cereals	Spring Barley & Oats	Winter Cereals & Spring Barley	Spring Barley & Spring oats
WEEDS (< 6 leaf)	Paramount Max 25g/ha	Paramount Max 20g/ha + Highload Mircam / Saxon 1.0 - 1.25 l/ha	Paramount Max 20g/ha + ISOMEK ULTRA 1.5-2.5l/ha	Paramount Max 20g/ha + fluroxypyr 0.5-0.75l/ha + MSO 0.5l/ha	Paramount Max 20g/ha + Duplosan KV 1.0 l/ha + fluroxypyr 0.4 l/ha
Bindweed (Black)	**	***	***	**	***
Bur-Chervil**	-	**	**	*	*
Charlock	***	***	***	***	***
Non ALS Chickweed	***	***	***	***	***
ALS Chickweed	*	**	**	***	***
Cleavers	***	***	***	***	***
Corn Marigold	***	***	***	***	***
Cranesbill sp.	**	***	***	***	***
Deadnettle (Red)	***	***	***	***	***
Fat Hen	**	***	***	***	***
Fools Parsley	***	***	***	***	***
Fumitory	**	***	***	***	***
Groundsel	***	***	***	***	***
Hempnettle	***	***	***	***	***
Knotgrass	***	***	***	***	***
Non ALS Mayweed	***	***	***	***	***
Nettle (Small)	***	***	***	***	***
Orache	**	***	***	***	***
Pansy (Field)	**	**	**	**	**
Non ALS Poppy	***	***	***	***	***
Redshank	***	***	***	***	***
Runch	***	***	***	***	***
Shepherd's Purse	***	***	***	***	***
Speedwell (Field)	*	**	**	*	**
Speedwell (Ivy lf.)	-	**	**	*	**
Volunteer Beans	**	***	***	***	***
Wild Carrot	-	**	-	-	-

**\*\*\* Good control 80% +    \*\* Moderate control; 60-80%    \* Some control 40-60% - Tolerant**

NB: \*\* - use 2.5 l/ha Isomec Ultra + Paramount Max for Bur Chervil reduction

MSO = methylated seed oil adjuvant.    Fluroxypyr rates based on standard 200 g/l formulations

## FURTHER INFORMATION

Nufarm Technical updates are eligible for 2 BASIS points/year Ref: 337279927533 Email claim to [cpd@basis-reg.co.uk](mailto:cpd@basis-reg.co.uk)

PARAMOUNT MAX contains 200 g/kg florasulam and 600 g/l tribenuron-methyl  
 HIGHLOAD MIRCAM contains 600 g/l mecoprop-p + 80 g/l Dicamba  
 SAXON contains 600 g/l mecoprop-p + 84 g/l dicamba  
 ISOMEK ULTRA contains 310 g/l diclorprop-p + 160 g/l MCPA + 130 g/l mecoprop-p  
 EASEL / LARKE contains 750 g/l MCPA

Paramount Max is a Nufarm trademark  
 Highload Mircam is a Nufarm trademark  
 Saxon is a Nufarm trademark  
 Isomec Ultra is a Nufarm trademark  
 Easel & Larke are Nufarm trademarks

Details of application rates and timings are given in Nufarm labels and product literature; both of which can be accessed from our website [www.nufarm.com/ie](http://www.nufarm.com/ie). Alternatively, ring the Nufarm helpline on 01274 694714, Monday to Friday 9.00 - 17.00

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