



Argos

Effective and powerful sprout inhibitor for stored potatoes

Control and prevent sprouting
in store, with no effect on taste,
odour, or fry colour.

Argos®

ARGOS is a sprout inhibitor containing orange oil as the active ingredient. This natural essential oil is extracted from the whole orange, with no chemical solvents or additives.

ARGOS is highly effective at controlling sprouting and reducing weight loss in store. Applied as a hot or cold fog, it has a contact mode of action that works by rapidly disrupting and drying out the soft tissue of the sprouts.

It is a flexible product that can be used alone, in a programme with other storage sprout suppressants, or as part of a programme following a field applied maleic hydrazide such as **FAZOR**.

Potatoes treated with **ARGOS** have no residue and there is no safety period required after treatment. There is no effect on the taste, odour or fry colour.



Product profile	
Brand	ARGOS
MAPP No.	19799
Active ingredient	orange oil
Inclusion rate	843.2g/L
Formulation	Fogging Concentrate
Crops	Potato (post-harvest use).
Maximum individual dose	100ml/MT
Maximum total dose	900ml/MT
Latest timing of application	48 hours before removal from store for sale or processing
Pack size	20L

Quality potatoes and sustainability

ARGOS is a sprout inhibitor containing orange oil as the active ingredient. It has no residue and offers a sustainable solution to sprout control.

Potatoes treated with **ARGOS** can leave storage just 48 hours after application, giving a longer shelf life to fresh potatoes on the supermarket shelf.

Advantages

- No effect on the fry colour
- No orange taint or odour
- No residue or lingering smell in storage shed
- Can be used up to nine times – ideal for longer term storage
- Potato skins and stock feed fraction can be incorporated into animal feed for less waste



Application

Applied as a fog in store by fully certified contractors using authorised machines, ensuring efficient and safe application, ARGOS can be used in all well sealed stores both ambient or refrigerated, in boxed or bulk situations, in all varieties for chipping, crisping and fresh markets.

ARGOS is flexible for use in a programme with other storage sprout suppressants, or as part of a programme following a field applied maleic hydrazide such as **FAZOR**.

For best results, application should be made at the on-set of sprouting (20% of tubers with visible sprouts).

Because of its rapid action on the sprouts, using **ARGOS** allows you to check the effectiveness of the fogging operation between applications.

ARGOS is easier to handle than ethylene or mint oils, and offers no residues, no MRLs and can be applied just 48 hours before leaving storage, giving good shelf life to fresh product.

ARGOS gives control for several weeks between applications and can also be applied up to nine times, which is useful for longer storage terms.



How it works

ARGOS readily forms a good quality fog. The contact mode of action works by rapidly disrupting and drying out the soft tissue of the sprouts.

Even small sprouts that cannot be seen with the naked eye are removed in this way.

Farmer testimonials

Arable farmer Leon Jansen in Woensdrecht, Netherlands, grows chipping potatoes, supplying to Lamb Weston Meijer.

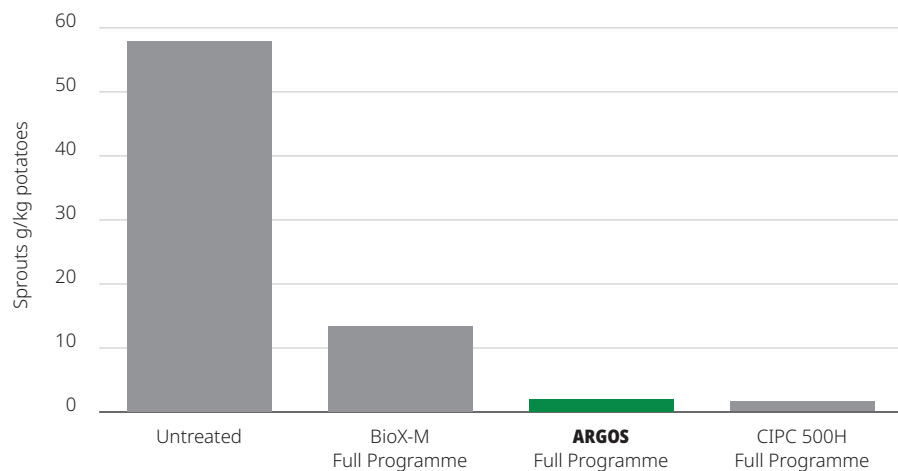
"We grow the Markies and Fontane varieties. The potatoes are pre-treated with **FAZOR** to calm them down for longer storage. In storage, the potatoes have been treated seven times with 100ml **ARGOS** per ton and the results are good. The sprouts have burned away and the potatoes are healthy."

Paul Versluijs is a grower and President of Nedato, a co-operation of some 500 potato growers in the southwest of the Netherlands.

"Basically, our potatoes were treated with **FAZOR** and then stored with **ARGOS**. The potatoes are good. They are rock hard, the peel quality is good and they have no sprouts."

Effective sprout inhibitor

Since 2012, **ARGOS** has been extensively researched in the Netherlands by Wageningen University & Research Open Cultivation (WUR Open Cultivation). The application in combination with and without a field applied **FAZOR** (maleic hydrazide) has been researched. In addition, **ARGOS** has been tested in practice on a large number of arable farms for three storage seasons. These practical tests are monitored by WUR Open Crops.



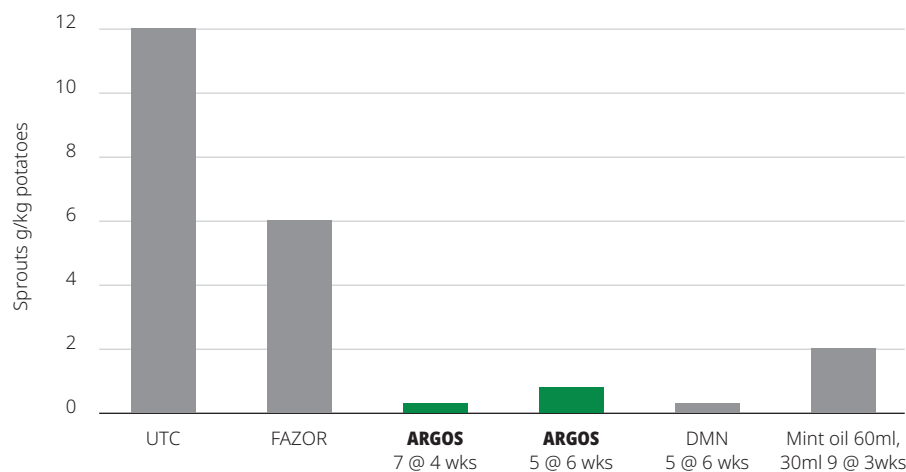
Conclusion

Compared to CIPC and other sprout inhibitors, **ARGOS** gives an excellent result.

All products were tested at full rates.

Efficacy trial

Results 2019 – 2020 WUR Field Crops after 8 months of storage. All treatments follow **FAZOR MH** (4 varieties). All **ARGOS** at 100ml/MT.



Conclusion

Storage research 2019–2020 shows that **ARGOS** with a dosage of 100ml/MT and an interval of four to six weeks gives good results. **FAZOR** and **ARGOS** form a strong combination for sprout inhibition.

For more information regarding **ARGOS**, please contact Geoff Hailstone.
E: geoff.hailstone@upl-ltd.com T: 07780 707173

www.npp-ag.com

UPL Europe Ltd, Engine Rooms, 1st Floor, Birchwood Park,
Warrington, Cheshire WA3 6YN
Technical Helpline: +44 (0) 1925 819999 E: info.uk@upl-ltd.com

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Protection

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