

Unsurpassed protection against late blight

- Preventive, post infection and antispore activity against late blight
- Provides blight protection both inside and outside the leaf
- Controls the disease at a unique site of action
- Unique kick-back activity helps prevent flare-ups and provides an additional timing flexibility



Ordan

Fungicide

Cymoxanil, 42 g/kg + Copper
oxychloride, 689 g/kg



We grow well. Together

avgust 
crop protection

Ordan – Unsurpassed protection against late blight

Ordan is a powerful, locally-systemic fungicide registered for the control of *Phytophthora infestans* (late blight). It is the only systemic fungicide to feature post-infection protection from late blight in the field. It contains a unique cynoacetamide (**cymoxanil**) so it controls the disease at a unique site of action.

Cymoxanil rapidly penetrates plant tissue (within 3 hours) to stop unseen infections even when applied three days after infection and remains effective up to three days inside the plant tissue to halt new infections as they start.

This unique kick-back activity helps prevent flare-ups and provides an additional timing flexibility compared with purely protectant mixtures.

Ordan is the heart of an effective preventative late blight program.

It forms a protective layer on leaves and other plant parts that prevents infection through contact activity. Due to its locally systemic movement within the plant and translaminar movement across leaves, Ordan combines preventive, curative and anti-sporulant activity. This means that it provides blight protection both inside and outside the leaf and is effective even under irrigated conditions.

Ordan also come with an extra bonus. It provides reliable protection not only against fungal infections, but also suppress the development of **bacterial diseases**.

MECHANISM OF ACTION

Ordan inhibits formation of intercellular hyphae which stops the spread of pathogen inside the plant. It suppresses sporulation, reducing total spore counts and reducing spore viability on already developed stem lesions. Oospore development is also inhibited where conditions are present for sexual reproduction.

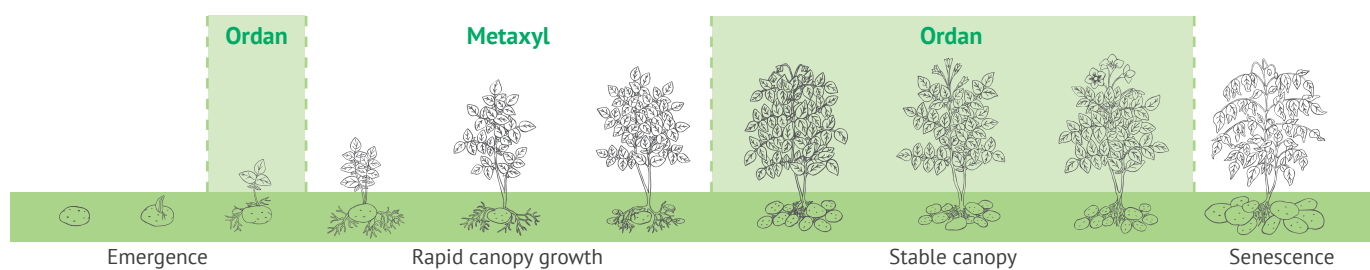
WHEN TO APPLY

A major factor in successful blight control is to start early enough. At the rosette stage 90% of a field's surface area is bare soil so for the first spray it is appropriate to go for an economical protectant option such as mancozeb. However, if there is a risk that blight has been introduced on the seed then it is appropriate to start with Ordan - fungicide with curative activity and also activity on zoospores.

Thereafter, it will be necessary to protect rapid canopy growth with sprays that have good ratings for protection of new growth like Metaxyl fungicide.

When crop canopy became stable - the need for systemic activity diminishes as the rate of haulm growth slows down during the mid-season tuber bulking phase. Ordan remains an ideal choice during such periods, because its translaminar activity protects the foliage as it fills out.

Ordan does not damage the foliage of potatoes, which together with its excellent blight preventative properties ensures consistent improvements in yield and tuber quality. It can be applied right up to the end of a blight program, with sprays continuing as long as blight conditions last.



CROPS	RATE - Kg/Ha	CONTROLLED DISEASES	TIMING	REMARKS
Potatoes	2.5-3	Late blight (<i>Phytophthora infestans</i>)	Initial applications should start before symptoms appear.	See respective label for details and limitations
Tomato		Early blight (<i>Alternaria solani</i>)		
Cucumber		Downy mildew	Repeat sprays within 6-12 day intervals if needed depending on disease severity	
Grape				
Onion	3			

APPLICATION VOLUME: 400-600 litres of spray volume/ha; Grape – 1000 litres of spray volume/ha

Tiger Agrochem (Pvt) Ltd.

2 Sandringham Drive, Alexandra Park, Harare, Zimbabwe.

Tel.: +263242250730/1/2; Cell: 0773 998 545 / 0774 833 091

Website: www.tigeragrochem.co.zw; E-mail: sales@tigeragrochem.co.zw

