

PROXANIL®

FUNGICIDE

Propamocarb HCl 400 g/L + Cymoxanil 50 g/L; SC

For preventative and curative control of potato late blight



- Unique combination of propamocarb HCl and cymoxanil for optimal resistance management
- Excellent preventative control
- Strong efficacy with immediate and curative effects from cymoxanil action and anti-sporulant and longer-lasting effect from propamocarb

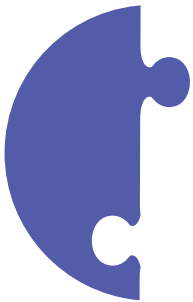
 **Arysta**
LifeScience



Proxanil is a unique fungicide for protection against potato late blight, with a formulation that combines the antispore effect of propamocarb, with the kick-back effect of cymoxanil. Proxanil is a soluble concentrate that contains 400 g of propamocarb-HCl and 50 g of cymoxanil.

Formulation and mode of action

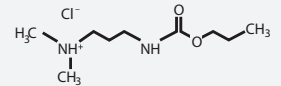
PROPAMOCARB



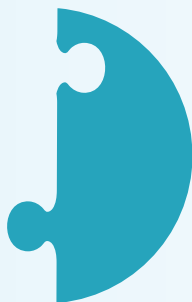
A systemic fungicide that belongs to the carbamates chemical group. It acts by interfering with the synthesis of phospholipids and its fatty acids, interrupting the formation of the fungi membrane cell. It affects the

mycelium growth, the production and germination of spores. Due to this specific mode of action, Propamocarb is not likely to generate resistance. Its acropetally systemic properties provide strong rainfastness.

Common name: propamocarb hydrochloride
Chemical group: carbamate
Chemical name (CAS): propyl N-[3-(dimethylamino)propyl] carbamate hydrochloride (1:1)
FRAC group: 28



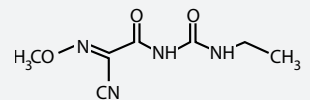
CYMOXANIL



Cymoxanil is a fungicide with quick penetrating properties, translaminar action, shock effect (best curative efficacy) and short persistence. It acts by altering fungi metabolism. Even at very low doses, it is effective in preventing

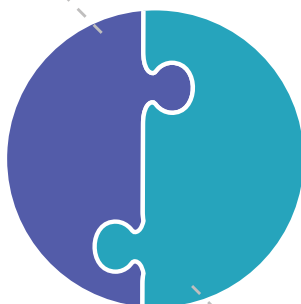
germination of spores on the surface of leaves. Due to its penetration characteristics, it can selectively destroy the mycelium during incubation period, preventing injuries or damages during the cultivation.

Common name: cymoxanil
Chemical group: cyanoacetamide
Chemical name (CAS): 2-cyano-N-(ethylcarbamoyl)-2-(methoxyimino)acetamide
FRAC group: 27



COMPLIMENTARY ACTIVES

PROPAMOCARB



CYMOXANIL

EFFECTIVE PROTECTION OF THE CROP

1. Curative and anti-sporulant effects

Prevents spore germination, the development of fungi and their sporulation

2. Curative effect with 48 hours retroactive action



The combination of the anti-sporulant action of propamocarb with the strong retroactive effect of cymoxanil, makes Proxanil effective in preventing the spreading of the disease.

3. Rainfastness

Due to a combination of systemic and penetrative action of both substances, Proxanil penetrates quickly, easily and is translocated effectively, avoiding any washing off of the product by the rain.

POTATO

For preventative & curative control of potato late blight

Apply Proxanil during the fast growing stages of potato plants to protect vegetation and new growth, and to protect tubers at the end of the growing cycle.

Proxanil is very flexible and can be used at different times depending on the need:

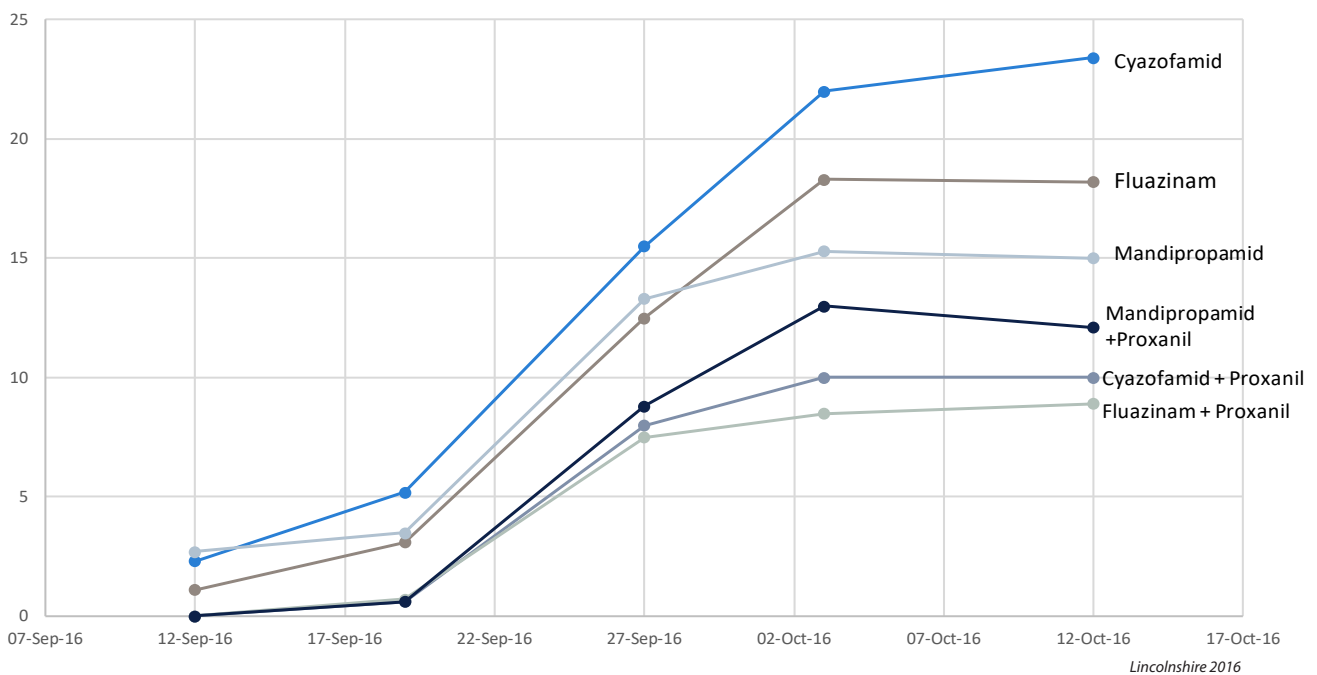
- at early timing to prevent infection
- after a rain period for curative effects
- to stop immediately late blight disease appearance

A maximum of 6 applications.



When used with a contact fungicide, trials show that preventative use of Proxanil yields an additive benefit to overall blight programme:

UK Blight Trial, Preventative Programme: 2016



| Crop | Max application | Interval between application | Water volume (L/ha) | PHI |
|--------|-----------------|------------------------------|---------------------|-----|
| Potato | 4 | 7 | 300 - 400 | 14 |

Foliar application: 2.5 L/ha



Proxanil is a fungicide for preventative control of potato late blight



Proxanil presents an optimal toxicological profile.

Used in alternation with contact fungicides, is an excellent tool for resistance management.

KEY BENEFITS

- Unique combination of propamocarb HCl and cymoxanil for an optimal resistance management
- Combination of immediate and curative effects from cymoxanil action and anti-sporulant and longer-lasting effect from propamocarb
- Favourable toxicological, environmental and residue profile
- Excellent with plants in active growth, from start to end of the period of susceptibility to disease
- Flexibility of use
- Efficacy against leaf and stem blight
- High rainfastness properties

ABOUT ARYSTA LIFESCIENCE

Arysta LifeScience is a global agricultural company specialising in the marketing and distribution of innovative crop protection and life science brands.

Arysta LifeScience has a fully integrated biological and chemical portfolio to provide complete solutions to growers including biosolutions; fungicides; herbicides; insecticides; PGRs and seed treatments.

Arysta LifeScience is owned by Platform Specialty Products (www.platformspecialtyproducts.com), a global innovator of technologically advanced specialty chemical products and provider of technical services.

For more information visit www.arystalifescience.co.uk



Arysta LifeScience UK
Brooklands Farm, Cheltenham Road
Evesham, Worcestershire,

WR11 2LS
ukenquiries@arysta.com
01482 231772

Use plant protection products safely.

Always read the label and product information before use.

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