

Medax[®] Max

An essential part of your PGR programme

BASF
We create chemistry

The challenge

Unpredictable weather conditions means growers need a plant growth regulator they can rely on. It's not just about delivering effective results, you also need the flexibility for it to be used across a wide range of crops at different timings and temperatures.

Product profile

Active ingredients	50 g/kg prohexadione-calcium + 75 g/kg trinexapac-ethyl
Crops	Winter wheat, durum wheat, winter barley, winter triticale, winter rye, oats, spring wheat, spring barley
Application timing	Winter cereals (except oats) GS 29-49; Spring cereals (except oats) GS 29-39; Winter & springs oats GS 39
Formulation type	Water dispersible granule (WDG)
Water conditioner	Built-in ammonium sulphate
LERAP buffer zone	No LERAP
Pack size	3.0kg in 5lt Eco-pack

Recommendations vary depending on crop, rate and timing, offering the flexibility for use up to and including BBCH 49. Please note oats and spring cereals timings are limited to up to BBCH 39. Please always refer to the label for detailed recommendations.

What Medax[®] Max delivers



	Medax [®] Max
Two actives working together	✓
Approved on all cereal crops	✓
Safe and reliable activity down to 5°C	✓
Increases root mass	✓
Thickens stem walls	✓
Fast acting and long-lasting	✓
Wide application window	✓

Two actives working together

	Prohexadione calcium	Trinexapac-ethyl
Start of activity	Immediate	Can be delayed (needs metabolic activation)
Residual activity	Approx 25-30 days	Approx 30-35 days
Significance	Quick effect on lower internodes. Flexible to fit with fungicide (GS 30-32)	Less effect on lower internodes but will shorten later internodes



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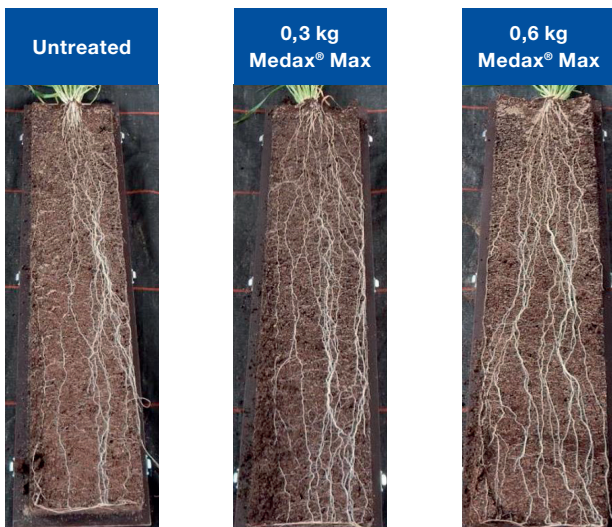
Approved for all cereal crops

Medax[®] Max is designed for use in all cereal crops. So whichever cereal crop you want to grow, Medax[®] Max is the right choice.



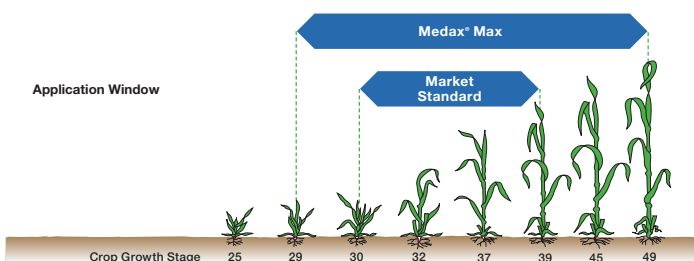
Increases root mass

Medax[®] Max also provides wider root spread for better anchorage, enhancing water and nutrient supply for stronger, healthier crops, even in drought conditions.



Wide application window

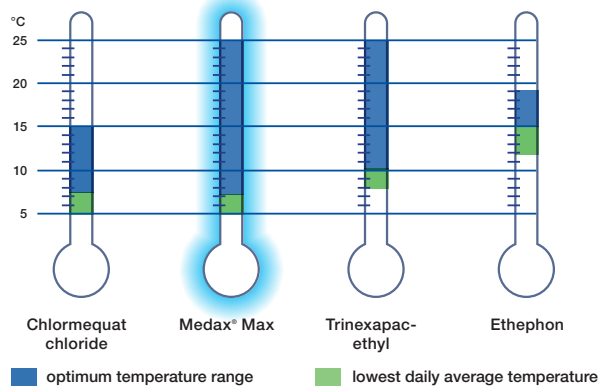
Unlike other PGRs, Medax[®] Max has a wide application window from growth stage 29 (end of tillering) to growth stage 49 (first awns visible). Medax[®] Max can be used at both early and later timings as a 'one shot' application or split dose so only one product is needed.



Safe and reliable down to 5°C

Medax[®] Max has safe and reliable activity at temperatures down to 5°C, especially important for the first out-of-winter application. It does not need intense UV radiation to activate the ingredients. Medax[®] Max is rainfast one hour after application, giving you maximum flexibility against the weather.

Medax[®] Max flexibility in temperatures at application



Thickens stem walls

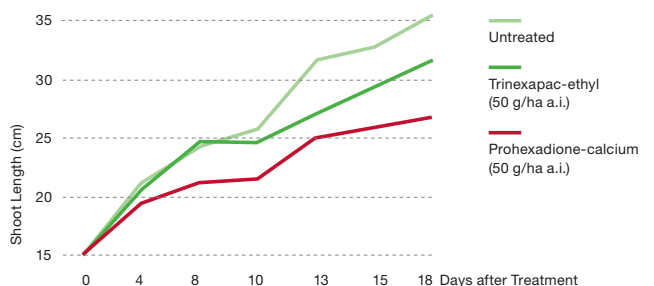
Medax[®] Max produces thicker stem walls compared to competitor products, especially in earlier applications. Thicker walls reduce the risk of lodging – a particular problem for high yielding crops.

Fast acting & long-lasting

With Medax[®] Max, growth regulation effects begin almost immediately after application regardless of light or temperature. This is particularly important in early spring under cooler conditions or where rapid growth is already occurring. Once active, trinexapac will provide long-lasting growth regulation giving robust lodging control whatever the season.

Speed of activity a.i. comparison

Onset of action of trinexapac-ethyl in comparison with prohexadione-calcium in greenhouse-grown wheat (Cubus)



Source: Prohexadione-Ca and Trinexapac-ethyl: Similarities in structure but difference in biological action; W. Rademacher

Medax[®] is a registered Trade Mark of BASF. Medax[®] Max contains prohexadione calcium and trinexapac-ethyl. Use plant protection products safely. Always read the label and product information before use. Dose rates and timings are not the same for every crop. For specific crop details and further information on Medax[®] Max including warning phrases, symbols, label, compatibility and user information, refer to agricentre.basf.co.uk or call the BASF technical hotline on 0845 6022553.