



Protect your investment with the latest Clearfield® Plus system

The Clearfield® Production System has been widely accepted by South African producers since its introduction in 2010. BASF's continuous investment in the latest technologies has one primary aim: offering value to producers.

With this goal at the forefront of its objectives, BASF and its partners have developed the latest Clearfield® Plus system, which has grown by leaps and bounds due to its high level of performance.

Clearfield® Plus qualified seed

Before sunflower cultivars can be classified and sold as Clearfield® Plus seed, BASF's seed partners undergo years of internal development and stringent qualification trials. It is important to highlight that Clearfield® Plus cultivars are not genetically modified and contain a naturally occurring herbicide-tolerant gene that is bred into the seed companies' existing cultivars.

Euro-Lightning® Plus herbicide

Added to the high-performing Clearfield® Plus seed, BASF also offers Euro-Lightning® Plus – the Clearfield® Plus herbicide for sunflower. Euro-Lightning® Plus boasts significant improvements, with the main advancement being its improved formulation designed for improved weed control in Clearfield® Plus sunflower fields through higher levels of herbicide adherence to target weeds.

Euro-Lightning® Plus eradicates yield-robbing weeds. Under no-till conditions, excellent weed control has been observed during the growing season in fields where Euro-Lightning® Plus was applied. There has also been a decrease in stubborn overwintered weeds, which cause challenges during the following season's pre-plant burndown applications.

Using Euro-Lightning® Plus

Euro-Lightning® Plus can only be used on Clearfield® Plus sunflower cultivars (original Clearfield® sunflower cultivars are also excluded). Refer to the Euro-Lightning® Plus waiting periods on the label.

The following is recommended:

- Clean spray tanks, hoses and nozzles with a suitable tank-cleaning solution prior to mixing the Euro-Lightning® Plus solution.
- Only use a flowable (50%), high-quality ammonium sulphate.
- Do not use any ammonium sulphate that contains additional acidifying agents or additional adjuvants, spreaders, stickers or surfactants.
- Applications must be done within 32 days of planting.
- For good control, thorough coverage of the actively growing target weeds must be completed by the two- to six-leaf stage.
- Do not add any other crop protection products to the spray mixture, other than what is recommended on the label.
- Do not mix Euro-Lightning® Plus with any organophosphate or carbamate insecticides, and do not apply where these products have already been used as soil or foliar treatments.

BASF and its seed partners strongly advise and endorse the use of Euro-Lightning® Plus as the only supported herbicide. If other solutions are used, neither BASF nor the seed company can support the producer if problems occur. Read the Euro-Lightning Plus® label for full instructions and details.

Bellis®

Bellis®, BASF's flagship sunflower fungicide, contains two key active ingredients: Boscalid and F500®. These ingredients are a powerful combination offering excellent control of *Alternaria* leaf spot, as well as the AgCelence® effect. With AgCelence®, producers can expect

yield increases and therefore a higher return on investment.

Bellis® Active

BASF now offers an AgCelence® solution for producers in lower disease pressure areas. Bellis® Active is the latest fungicide in row crops for the control of rust and *Alternaria* leaf spot in sunflower. But what is the difference between Bellis® and Bellis® Active?

Bellis® Active's optimised formulation and active ingredient composition are more suitable for lower disease pressure areas, while still delivering the AgCelence® effect of yield increase and ultimately a higher return on your investment.

BASF solutions on sunflower

BASF is known for offering reliable and innovative fungicide solutions across numerous crops, and sunflower is no exception.

Yield-reducing diseases have a major impact on crop productivity, which increases the risk to producers' investment. Protect your investment from fungal diseases by using preventive measures before being forced to take remedial action. Use a suitable BASF fungicide to protect both your crop and your income.

Bellis® Reg No L7817 (Act 36/1947). Active ingredients: F500® 128g/kg, Boscalid 252g/kg. Caution. **Bellis® Active** Reg No L10777 (Act 36/1947). Active ingredients: Boscalid 150g/ℓ, F500® 250g/ℓ. Harmful. **Euro-Lightning® Plus** Reg No L10316 (Act 36/1947). Active ingredients: Imazapyr 7,5g/ℓ, Imazamox 16,5g/ℓ. F500® – Pyraclostrobin. AgCelence®, Bellis®, Bellis® Active, Clearfield® Plus, Euro-Lightning® Plus and F500® are registered trademarks of BASF.

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