



The Chemical Company

To: **Clearfield**[®] Sunflower seed producers

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To Whom it may Concern

Proposed amendments to the replant safety periods following use of **Euro-Lightning**[®] (L8436 Act 36 of 1947) herbicide in the **Clearfield**[®] Sunflower Production System

BASF is committed to ensure that the **Euro-Lightning**[®] product label remains aligned with the needs of the sunflower producer. Amongst several changes made to the use recommendations, currently awaiting approval, the list of crops with specified waiting period has been expanded.

- To avoid damage to follow-up crops, the following waiting periods must be taken into consideration after the application of **Euro-Lightning**[®]. A test planting with the follow-up crop is always recommended. Consult your local BASF representative for advice should you have any concerns. The intervals as specified are fully dependent on the following conditions:
 - ❖ The recommended application rate of **Euro-Lightning**[®] has not been exceeded.
 - ❖ Average or above average rainfall (with a minimum of 350 mm) between application and planting of the following crop has been recorded. When the minimum rainfall, as indicated above, has not been recorded for the season of application, extend the period above by an extra 12 months.
 - ❖ **Euro-Lightning**[®] was applied as single swaths without overlaps.
 - ❖ **Euro-Lightning**[®], like all other imidazolinone herbicides, is broken down in the soil by microbes in wet, aerobic conditions. Under conditions that DO NOT favour breakdown, such as impoverished soils low in organic matter, non-wetting sands, anaerobic situations such as waterlogging, and prolonged dry periods, soil residues will persist longer and may affect susceptible follow crops.

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CROP	WAITING PERIOD
Clearfield® and Clearfield® Plus Sunflower.	None
Conventional sunflower	36 weeks
Cruciferous crops	36 weeks
Dry beans	20 weeks
Groundnuts	36 weeks
Maize [all maize producing areas (including irrigation)].	36 weeks
Soya beans.	16 weeks
Sorghum	16 weeks
Wheat.	16 weeks
All other crops.	20 months

Please refer to the product label for full instructions on the correct use of **Euro-Lightning®**

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