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Soil herbicides with a key role for successful sunflower production

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The role of soil-applied herbicides remains particularly significant for integrated management and weed control in sunflower production.

Every step in sustainable weed control plays an important role in achieving high results. The first step for sustainable weed control is the application of a soil herbicide.

Weeds have the potential to significantly reduce yield per unit area, in some cases by up to 50%, depending on the degree and density of infestation in the field.

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The application of a soil herbicide directly contributes to preserving the genetic yield potential of

sunflower hybrids.

The main advantages of soil-applied herbicides, which have a direct impact on sunflower production, are:

• Ensuring a weed-free start for the crop plants

• Access to more nutrients and water

• Uniform emergence, formation of powerful, well-nourished plants

• Formation of a uniform, well-structured stand

To the main advantages, it can be added that soil herbicides contribute to

reducing the reservoir of weed seeds in the soil and also play an important part in the process of sustainable weed management.

The absence of a soil-applied product, especially in years with sufficient available moisture, can pose

a significant risk of future losses expressed in lower results. The presence of moisture triggers the emergence and development of a higher percentage of weeds per unit area. The potential risk of losses caused by untimely or incomplete weed control in the early development stages of sunflower can reach from 5 to 15%. This, expressed in value, reaches significant proportions – real losses!

The investment in a soil herbicide repays many times over the risk of subsequent losses.

Syngenta is the only company that can offer a complete technology for sustainable weed management in sunflower.

Regarding protection from weeds in the early development stages of sunflower, Syngenta provides a solution that tackles the main economically important grass and broadleaf weeds – GardoSun.

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This year, the month of March provides optimal conditions for weed development. There is a considerable amount of moisture in the fields and higher temperatures in the country, factors which are a prerequisite for active weed emergence and growth.

GardoSun is a combination of two active ingredients, aclonifen and diflufenican. A formulation

ensuring very high control of the main grass and broadleaf weeds at an application dose of

190 ml/decare.

GardoSun also has excellent soil activity. Applied pre-emergence of the crop, the product forms a so-called soil film, which controls emerging weeds. This soil film eliminates the early germination and development of weeds, providing a key advantage for the sunflower during the first stages of growth and development. In this way, the crop plants can develop under optimal conditions without established competition from weeds, which lays the foundation for achieving high results.

In addition to having a high level of weed control immediately after its application, GardoSun also has the potential to maintain this level of control for a long period of time. This stability of the product in the soil provides lasting protection against subsequent waves of weed infestation, ensuring clean, weed-free fields.

GardoSun for comprehensive and prolonged protection from weeds in sunflower fields!