

Принципал™ Плюс - Comprehensive herbicide solution for full control of grass and broadleaf weeds after their emergence

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They call it “The Mower”

At the 4–6 leaf stage, maize establishes its generative organs and forms the potential of the future yield. Maintaining a weed-free field is of particular importance so that the crop can benefit from the nutrients and water in the soil and fully develop its potential for high and quality yield.

For this reason, timely treatment with post-emergence herbicides is recommended. Corteva Agriscience™ offers the already proven product on the market **Principal® Plus**.

Principal® Plus controls all economically important grass and broadleaf weeds in maize and is distinguished by numerous advantages thanks to the excellent interaction of the three active substances in its composition. By choosing **Principal® Plus**, the farmer receives a solution for control of a wide spectrum of weeds, excellent selectivity to the crop, strong systemic action, rapid initial effect, no need for an additional herbicide partner, convenient and easy to use, and with no restrictions for the following crops in the crop rotation. In addition, it is an excellent alternative to soil-applied herbicides, or in cases of lack of effect from them due to soil drought immediately after their application.

Principal® Plus is applied from the 2nd to the 6th leaf stage of the crop at a rate of 44 g/da with 0.1% adjuvant VivoLT™ 90. VivoLT™ 90 improves contact with the leaf surface and reduces surface tension, which is particularly important under adverse meteorological conditions (drought, cool weather), as well as for weeds whose leaves are difficult to wet due to the presence of a waxy coating or hairs. Actively growing weeds are sensitive to the product, especially in the early stages of their development, but in a number of long-term trials and applications with a large number of farmers over the past year, we have confirmed that **Principal® Plus** also provides good control of weeds at more advanced stages of development.

After treatment, **Principal® Plus** quickly penetrates through the leaves and roots of the problem weeds and moves to all parts of the plant. A visual effect is observed as early as the second to third day. This is expressed in yellowing of the growth zones in broadleaf weeds and anthocyanin coloration in grass weeds. Weeds die completely two to three weeks after treatment, and during this time they are not competitors to the crop in terms of moisture, light and nutrients.

Principal® Plus is the herbicide that protects fields from weeds that others can hardly control, and does so with a single treatment, thereby saving time and costs.

These positive characteristics of Principal™ Plus have been proven over the years and you, the farmers, have named it “The Mower” due to its impeccable performance even under heavy infestation with a wide spectrum of weeds.

Practical advantages:

- **No need to mix with another herbicide to broaden the spectrum of activity**

- **Control of all economically important weeds, including difficult-to-control species, with a single treatment**
- **Wide application window and flexibility of use from the 2nd to the 6th leaf stage of maize**
- **Excellent control of johnsongrass from rhizomes and creeping thistle**
- **Selective, triple-systemic post-emergence herbicide with different mechanisms of action, synergy and mutually complementary activity of the active substances**
- **Dual action against grass weeds and triple action against broadleaf weeds**
- **Suitable for maize cultivation technology without the use of soil-applied herbicides**
- **No restrictions for the following crop in the crop rotation when the label recommendations are observed**

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