

Safety and high yields with Bayer corn technology

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A crop with an exceptionally high yield potential, also called the “Queen of the Fields” or the crop with unlimited possibilities – THIS IS MAIZE.

Maize is a crop that has the potential for extremely high yields. From year to year, maize production and the technologies applied in the cultivation of this crop are becoming increasingly precise. Good maize growers know that achieving high results requires strict adherence to the key stages and implementation of the essential agronomic practices throughout the entire production process.

Along with all agronomic practices (proper soil tillage, optimal fertilization), an important aspect is the selection of a suitable hybrid, adapted to the soil and climatic conditions of the region and, of course, last but not least,

properly implemented crop protection. Almost all modern seed companies on the market offer hybrids resistant to adverse conditions, such as drought or low temperatures during emergence.

One of the main problems in successful maize production is the occurrence of weed vegetation in the fields. This is a factor that can significantly contribute to yield reduction, since weeds are the main competitors of the crop plants for nutrients, water and light. The implementation of optimal crop protection in maize fields lies in the accurate assessment of all factors and must also be adapted to the conditions of the current production year.

Bayer is a company that provides solutions for various situations in the field. Its extensive portfolio enables farmers to rely both on soil-applied or early post-emergence products and on typical post-emergence products for every situation.

Adengo® is the latest development in the segment of maize herbicides and is a product which, when applied early post-emergence, provides reliable efficacy and long-lasting reactivating residual control against a wide spectrum of grass and broadleaf weeds. In addition, **Adengo®** contains a latest-generation safener that protects maize from herbicide stress, which is another serious factor limiting high yields in maize.

Bayer is the first company on the market that offered farmers a complete technology for weed control in maize under the name **Capreno®**. In 2016, **Capreno®** was introduced for the first time on the European market in Bulgaria and Hungary. This is a technology that is extremely suitable for application under conditions of a drier spring, such as the current one. Under such conditions, the effect of soil-applied products is more limited. **Capreno®** provides excellent control of all economically important weeds, including Canada thistle and johnsongrass from seed. Furthermore, the added value of the **Capreno®** technology, applied between the 3rd and 6th leaf stage of maize, is the residual soil activity, which protects the crop from secondary weed infestation.

Under the conditions of 2017, **Capreno®** is one of the most rational solutions for profitable farming. Products of this class have extremely high value for farmers, because in this way they save unnecessarily spent costs in production.

Capreno® is a technology that fits most adequately into the new technologies for maize cultivation, namely no-till and minimum tillage systems.

It is very important not to forget that **Laudis®** is the herbicide with the highest level of selectivity to maize, which is why, when we have stands that are suppressed by adverse environmental conditions, this is the most appropriate solution for weed control.

Every single moment, every single stage of production carries its own weight; every omission or delay in time inevitably leads subsequently to yield reduction. It is extremely important, even in years with unstable climatic conditions, that farmers have the ability to rely on the right formula, which subsequently contributes to successful production.

PR material