Растителна защита

електронно списание за растителна защита
семена, торове и земеделие
ISSN 2815-522X

Vibala™ – The Effective Solution for Ragweed Control in Sunflower

Corteva Agriscience™

Date 02.05.2026 | **Issue** 5/2026 | **ISSN** 2815-522X | **Language** EN
www.plant-protection.com/article/2406?lang=en



Ragweed (Ambrosia artemisiifolia) is one of the most dangerous weeds for both agriculture and human health. It reduces sunflower yields, and its pollen causes severe allergic reactions even at low concentrations. Its spread in Bulgaria is increasing every year, especially in Northern and Central Bulgaria, posing a real threat to farmers.

The „Ragweed“ Challenge

Ragweed is extremely resilient and difficult to control. Its seeds can survive in the soil for up to 40 years, making the fight against it a long-term challenge. Traditional herbicides often fail to provide satisfactory results against this weed, especially at higher densities and different growth stages.

Vibala™ – A New Standard in Ragweed Control

Vibala™ from **Corteva Agriscience** is a next-generation herbicide containing **Arylex™ active** – an active substance from the innovative chemical group **Arylpicolinates**. This technology offers a **new mode of action**, effective against weeds resistant to other herbicides.

Vibala™ works systemically, being absorbed through the leaves and roots and moving to the growth points, halting weed development within hours of treatment.

Reliable Control and Rapid Effect

Vibala™ provides reliable control of ragweed, even at more advanced growth stages.
The product’s high efficacy has also been proven against other problematic species such as:

- **Common lambsquarters (Chenopodium album)**
- **Common cocklebur (Xanthium strumarium)**
- **Canadian fleabane (Erigeron canadense)**
- **Wild hemp (Cannabis sativa)**

Flexibility and Stability Under Varying Conditions

Vibala™ is applied at a rate of **100 ml/decare** from the **4-leaf stage to the beginning of stem elongation (BBCH 14–30)**, with no need for an adjuvant thanks to the **built-in adjuvant**.
The product is **compatible with all technologies** – **Clearfield®, Clearfield® Plus, ExpressSun®, and**

conventional, and **maintains its effectiveness even under large temperature fluctuations**.
It is selective to the crop and has no restrictions on crop rotation.

Key Advantages of Vibala™ in Ragweed Control:

- New active substance **Arylex™ active** – a novel mode of action against resistant weeds.
- Selective and safe for all sunflower hybrids.
- Built-in adjuvant – no need for additives.
- Reliable effect even at high ragweed density.
- Maintains efficacy under **large temperature fluctuations**.

With **Vibala™**, farmers gain a powerful and reliable weapon against ragweed – for cleaner fields, healthier plants, and higher sunflower yields.