

# TECHNOLOGY AHEAD OF ITS TIME: WHEAT

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The combination of the biostimulant **AMALGEROL ESSENCE** and **nitrogen**-fixing bacteria by Medi+R delivers revolutionary results in agriculture and brings you benefits in 4 directions:

## 1. Higher and better-quality yield

The new technology stimulates root growth and nutrient uptake, providing a higher and better-quality yield.

## 2. Compensates up to 1/3 active substance nitrogen per decare of the full nitrogen fertilization rate

Save on nitrogen fertilizers and reduce the negative effects caused in the environment.

### 3. Reduces fuel consumption during soil cultivation

Improve soil structure and reduce fuel costs by up to 300–400 ml/decare.

### 4. CAP subsidies

The innovative technology of Medi+R meets the requirements of modern agriculture and is part of the support for farmers through subsidies under the support scheme in line with the Common Agricultural Policy and the European Green Deal. The two products are approved and are included in the electronic register of the Bulgarian Food Safety Agency (BFSA) under the Eco-scheme for preserving and restoring soil potential – promoting green manuring and organic fertilization under the CAP.

**Carbon farming** is one of the new trends in the sector with two main benefits: reducing harmful emissions and a new source of income for farmers, who receive certificates from which they can profit in the future. Global trends encompass the reduction of carbon emissions and the achievement of carbon neutrality.

## MEDI+R TECHNOLOGY

But how does this reflect on farmers? They are faced with the dilemma of how to cope without risking their harvest. The Medi+R team provides the exact solution through the following technology:

**ДВУКРАТНО ПРИЛОЖЕНИЕ НА АМАЛГЕРОЛ ЕСЕНС И  
ЕДНОКРАТНО ПРИЛОЖЕНИЕ НА АЗОТ ФИКСИРАЩИ  
БАКТЕРИИ НА МЕДИ+Р**

When the technology is applied, the following benefits are observed:

- increased microbial activity in the soil and mycorrhiza;
- higher and better-quality yield;
- coping with various types of stress;
- promoting plant growth and improving the use of nutrients.



Another important aspect of using the Medi+R technology is the structuring of the **soil**. Studies conducted in Bulgaria, Hungary and Germany indicate that after three years of using the products on the same field, fuel consumption for each soil tillage operation carried out in the field decreases by up to 300–400 ml/decare, which in itself leads to a significant reduction in farmers' costs.

You can find more information about the benefits for soils in the following video:

<https://www.youtube.com/watch?v=ecU37YvMFKY&t=19s>

## APPLICATION IN WHEAT

The application of the combination twice of **AMALGEROL ESSENCE** and once of **nitrogen**-fixing bacteria by Medi+R is not a cost, but a secure **investment** for a higher and better-quality yield + cost optimization and works flawlessly in **wheat**.



The Medi+R team reminds farmers how important it is to observe the application stages in wheat, namely:

- Normal pre-sowing fertilization rate, in spring application of no more than 10 kg active substance nitrogen per decare;
- **1<sup>st</sup>** treatment at tillering / beginning of stem elongation: Herbicide + **AMALGEROL ESSENCE 200** ml/decare + **nitrogen**-fixing bacteria by Medi+R **5 g/decare**;
- **2<sup>nd</sup>** treatment at flag leaf stage: Fungicide + **AMALGEROL ESSENCE 200** ml/decare.

**THE TECHNOLOGY SAVES UP TO 1/3 KG NITROGEN ACTIVE SUBSTANCE PER DECARE**



The owner of the company “Profisem Agro” Ltd – **Sergey Vlahov**, shares his many years of experience with the products **AMALGEROL** and **AMALGEROL ESSENCE**, and over the past year he has found a solution to the rising prices of nitrogen fertilizers precisely in the combination between **AMALGEROL ESSENCE** and **nitrogen**-fixing bacteria by Medi+R. You can find more information from the farmer himself at the following link:

<https://youtu.be/O6eqqegRxBQ>

The use of Medi+R technology is becoming a standard practice for obtaining environmentally friendly plant production under conditions of climate change and in the context of the **Green Deal**. The technology with two treatments with **AMALGEROL ESSENCE** and one treatment with **nitrogen**-fixing bacteria by Medi+R is not only effective, but is becoming a secure investment for your yield.

Upcoming material: **“TECHNOLOGY AHEAD OF THE FUTURE: RAPESEED”**

 Description: препарати за растителна защита Амалгерол Есенс  
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