

**ONE WORLD,
ONE CROP,
ONE SOLUTION.**

TODAY FOR

Today the growth of world populations and changes in their type of nutrition show that the current consumption pattern is no longer viable. Tomorrow, in 2050, when 9 billion human beings will ask for food, the quantity produced today per year will be largely insufficient.

Being wheat the second main source of food in the world, we must find a solution we can put into action today to feed the world of tomorrow.

At Valagro, we believe in the power of Nature. Through our scientific innovation we want to produce more with less. Better crops both in terms of quality and quantity, using less land, less water, fewer technical inputs.



TOMORROW

We use Science to exploit the potential of Nature in a sustainable way. This is how our exclusive **Geapower technology** was born and made Valagro an international leader company of natural organic fertilizers and nutrition specialties.

GEAPOWER MEANS:



Knowledge and access to the best raw materials.



Application of the most suitable extraction methods for the purpose to be achieved.



Development of the most advanced investigation methods to characterize the vegetal extracts.



The ability to combine the active ingredients extracted and characterized into efficient and innovative solutions.

Thanks to Geapower, Valagro has created a solution that makes technology, know-how and sustainability come together to maximize crops, taking effective care of wheat at every stage of its development. A comprehensive, innovative solution for wheat cultivation today, aimed to fulfill the needs of tomorrow.



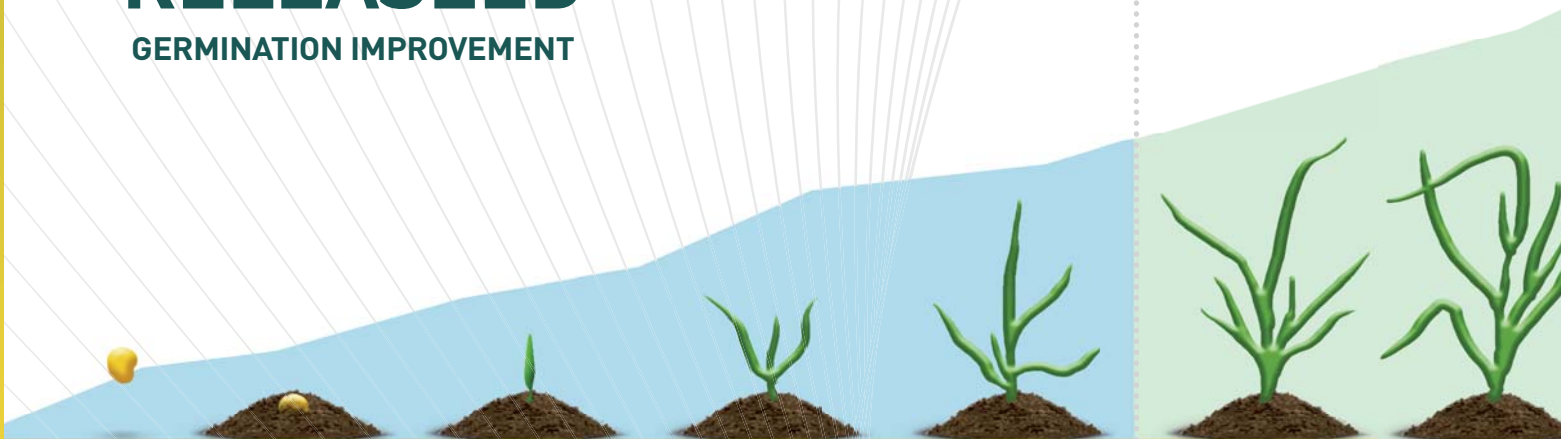
GEAPOWER
TODAY FOR TOMORROW

VALAGRO

MICRO NP
STARTER EFFECT

MEGAFOL
ANTI STRESS

RELEASEED
GERMINATION IMPROVEMENT



SOLUTIONS

for the wheat needs

PLANTAFOL

INCREASE EFFICIENCY OF
NUTRIENTS' USE

BREXIL COMBI

VEGETATIVE RESTART

MEGAFOL PROTEIN

INCREASE PROTEIN QUANTITY



At the very beginning, we help seedlings take root, uniformly develop and emerge. We strengthen them against stress and feed them with what they need most, to make them grow healthy and strong.



RELEASEED

Releaseed is the new Valagro Specialty, a powerful, sustainable fertilizer that promotes an earlier and more uniform growth of seedlings. Thanks to Geapower technology, Releaseed is empowered by GEA074, a unique complex of biologically active substances designed to stimulate metabolic processes.

Releaseed exerts a double action:

Germination improvement.

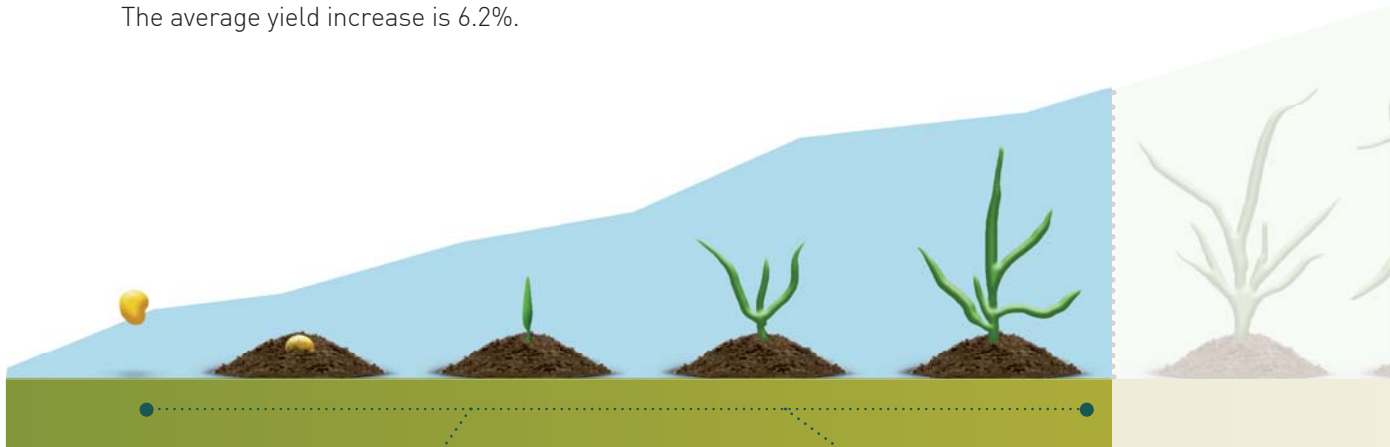
It promotes early germination and a homogeneous seedling emergence.

Starter effect.

It provides the plants with a stronger support in the first development stage, aiding the young root tissue to elongate and lateral roots to develop. A stronger root system helps the plant to overcome stressful conditions.

INGREDIENTS	GEA074	Mn
FUNCTIONS		
IMPROVED GERMINATION	✓	
STARTER EFFECT	✓	✓

Extensive experimental trials attest a considerable increase in plant height, spad, specific weight and yield. Therefore, the use of Releaseed can significantly increase yield quality and quantity. The average yield increase is 6.2%.



GERMINATION IMPROVEMENT

STARTER EFFECT



MICRO NP

MICRO NP is a special formulated fertilizer suggested where seed treatment is not possible. It provides the necessary starter effect to best start cultivation even in adverse environmental conditions. High in Phosphorus content, Nitrogen and Zinc in chelated form, to improve rooting and increase cold resistance.



In the early stages of development, before head emergence, we help wheat to steady grow and get stronger. We feed it with high quality foliar NPK and valuable LSA microelements, which support the vegetative restart after winter season.



PLANTAFOL

Plantafol is a complete line of foliar fertilizers, enriched with EDTA chelated micronutrients, that sustain and support crop growth and productive stages. They provide the best in terms of efficient use of the nutrients, because they ensure the highest solubility and the fastest absorption by the leaves. Each product has a different content of Nitrogen, Phosphorus and Potassium, according to the different vegetative stages.



BREXIL COMBI

Brexil Combi is a natural and safe source of trace elements complexed with ligninsulphonic acid (LSA), with the highest penetration efficiency. Brexil Combi micronutrients help the plant to prevent or promptly overcome nutritional deficiencies, supporting the vegetative restart after winter season.



MEGAFOL

Megafol is a powerful biostimulant in the Valagro Specialty range, helping the plant to be stronger and more productive. It's a complex of vitamins, amino acids and proteins, betaines and other growth factors based on vegetal extracts.

Thanks to its exclusive formula, obtained with Geapower technology, it has three main functions.



ANTI STRESS

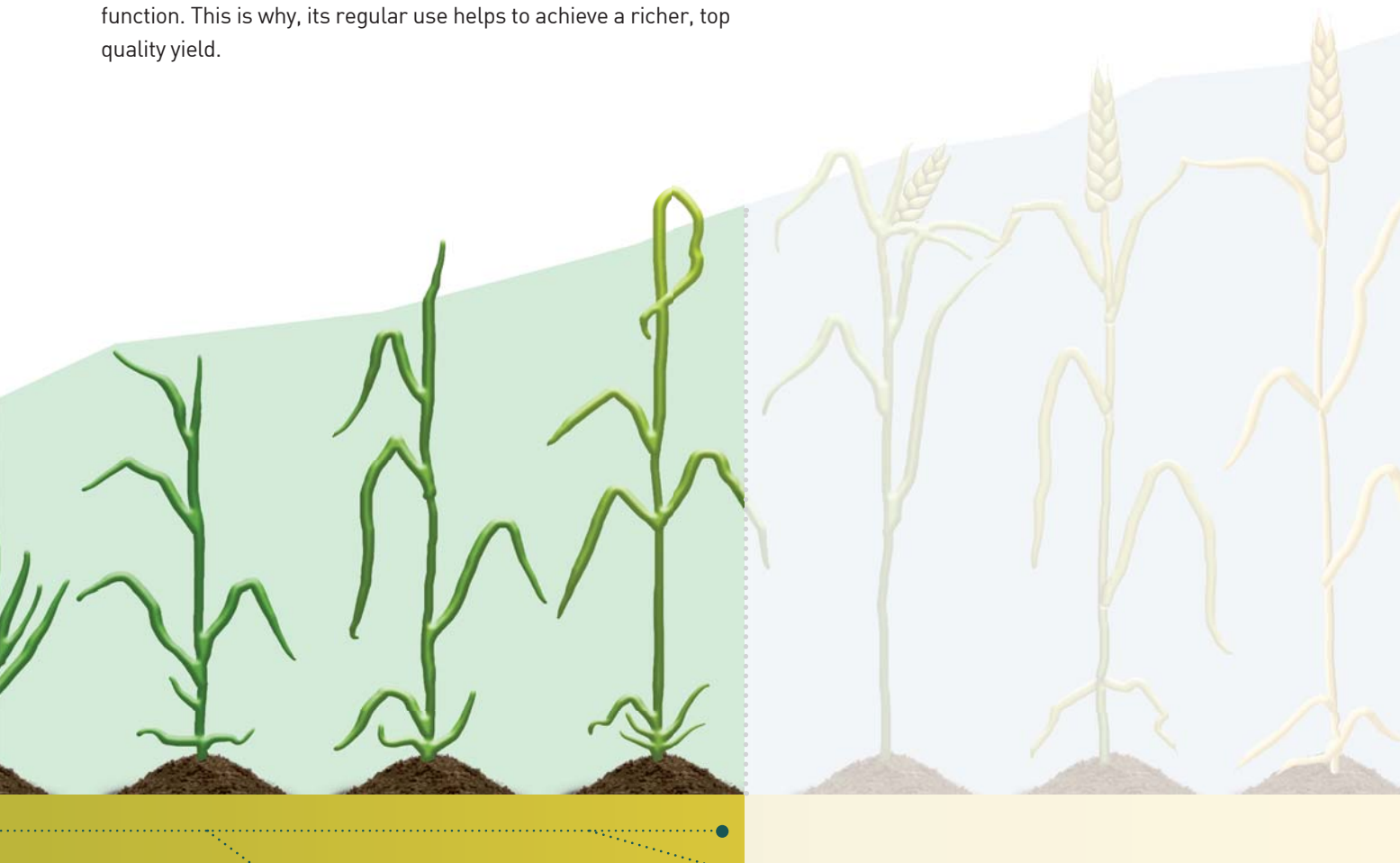
Anti-stress. Applied in stressful conditions (e.g. frost, root asphyxia, weeding, hail), it rapidly helps the plant to brilliantly overcome the vegetal growth arrests, thanks to its content of betaines and amino acids.

Growth stimulator: It improves the vegetal metabolism, stimulating growth and vegetative development.

Carrier: It improves the uptake of the foliar applied products, elevating the effectiveness of treatments.

INGREDIENTS	VITAMINS	AMINOACIDS & PROTEINS	Betaines	GROWTH FACTORS
Vegetative development	✓	✓		✓
Increased production	✓	✓		
Anti-stress action		✓	✓	
Carrier capabilities		✓		

The investigative technique of the genomic approach has scientifically proven that Megafol exerts a strong anti-stress function. This is why, its regular use helps to achieve a richer, top quality yield.



INCREASED EFFICIENCY OF NUTRIENT USE

VEGETATIVE RESTART

When wheat matures, we help it to get extra quality by stimulating natural protein biosynthesis and accumulation. Higher protein content allows a superior wheat quality, increasing the value of the yield, especially when pushing production.



MEGAFOL PROTEIN

Megafol Protein, the new Valagro Specialty in the Megafol line, increases yield value by allowing more protein quantity in high production. Megafol Protein is a powerful protein booster that provides your wheat crops with extra quality. From Geapower technology comes its unique complex of biologically active substances: GEA166. It effectively stimulates metabolic processes that increase natural protein biosynthesis and accumulation.



MEGAFOL PROTEIN	GEA166
Support and promotion of protein synthesis and storage	✓

As a result, Megafol Protein elevates the Grain total Protein Concentration (GPC) level.

Normally, there is a negative correlation between grain yield and GPC. Using standard fertilization, a higher yield automatically implies a reduction in protein concentration in favor of starch. Megafol Protein is the only fertilizer that ensures an increase both in yield and protein quantity, especially when production is high. The protein quantity is increased up to 2.5%.



INCREASE PROTEIN CONTENT



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