**New biotechnological product can revolutionize Danish agriculture**

**The Danish bioindustrial company, Bioomix, which is only 16 months old, is launching its first product, SeedSpeedTM. The product contains microorganisms, that can help farmers increase their yield in the field and reduce the use of agrochemicals.**

Microorganisms may turn out to be part of the farmers' path through the green transition and ultimately ensure them a better business. With a completely new type of product on the market, the gate is open for an alternative way to crop fertilization.

The CEO of Bioomix, Morten Østergaard Andersen, says, "We are proud that in such a short time we have created a ground-breaking development within the practical use of microorganisms in the green transition." The company has grown at the same speed as they expect farmers' crops will, once they are treated with SeedSpeed.

In the past year, food prices have risen tremendously due to the war in Ukraine, drought, heatwaves, and a global shortage of fertiliser. At the same time, agriculture is struggling with increased regulation and rising prices for pesticides and fertilisers. Therefore, there is a great need to increase food production while making agriculture more sustainable and less dependent on chemical ways of securing the yield.

Morten Østergaard Andersen adds, "Chemicals represent a very large expense for the farmers. With the prospect of a CO2 tax looming, there is great demand for efficient alternatives. Therefore, there is an enormous interest from the industry when it comes to sustainable solutions."

Bioomix has carried out a large number of experiments based on the latest research in microbiology, and the results have been remarkable. Business developer Rasmus Christian Andersen, who is a farmer himself, says "When I look at the part of my field that has been sown with seeds treated with SeedSpeed, and compare it to the part that has been sown with regular seed, the difference is very clear. The treated part of the field has has a higher number of plants, and they also look stronger."

The experiments are not limited to the company's own visual observation. Several impartial, external testing companies within the agricultural sector have registered larger plants and higher yields in the treated grain.

Bioomix has several products for other crops under development, and they are also looking into how their microorganisms can be used within other industries.

**Fact box:**

SeedSpeed contains natural microorganisms used to treat seeds, primarily wheat, barley, and rapeseed.

* + The microorganisms help the crops absorb important nutrients from the soil, such as phosphate and potassium, which can be tightly bound in the soil and therefore unavailable to the plants.
  + When the plants receive a higher amount of nutrients, they can grow faster and give a higher yield.
  + When the crops become more efficient at absorbing nutrients, the farmer can also cut down on the fertiliser use.
  + Bioomix currently has over 900 m2 laboratories and 16 employees.

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