

2021

# BioNutria

DANMARK



AGRICULTURE · GOLF · GARDEN  
PARK & STADIUM

## AGRICULTURE

By adding the right nutrients formulated by the right raw materials in the right quantities at the right time, the plants become both healthier and stronger. This makes for better resistance to disease, a better ability to compete with weeds and a better resistance to drought and winter conditions.

When science and nature go hand in hand.  
The market's most absorbent-friendly nutrients.

*Quality does not cost – it pays!*

# Welcome to a world of **micronutrients** that make a difference

**Because of the COVID-19 pandemic, 2020 has undeniably brought challenges, but generally it has been a good year for many farmers. The level of yield has been satisfactory, the harvest has been easy and the prices, acceptable. Last, but not least, the autumn has been dry, making it easy to establish the winter crops. In other words; the basis for a good 2021 is absolutely in place.**

Welcome to our new catalogue, where you can read, e.g. about various farmers' experience using our products.

In cooperation with our talented consultants, farmers around the country have optimised their work processes with products that benefit both the environment, use of time and the bottom line. Which leads me to a staffing update among our own staff:

Jens Erik Pust has done an impressive job in the information field, which has given us many new customers. But there are only so many hours in a day, and therefore we have hired three new employees for our Agro Team, effective 1 January 2021. A team that works exclusively with sales and consultancy for farms in Denmark and abroad. It is clear that our customers want close contact with dedicated and competent consultants, irrespective of whether they live abroad or in Denmark – and that's what we offer.

Starting 1 January, our Agro Team will consist of: Jens Erik Pust, Ivan Brendstrup, Jørgen Jagd and Karin Fabricius.

## **Extra yield with TRIPLEX**

The TRIPLEX strategy is now used in many businesses, and it is my guess that the concept will be used more and more often as insurance against deficiencies in micronutrients and trace elements and with an expectation of extra yield in the order of 200 to 1000 kg/ha. If we focus on micronutrients and trace elements, the TRIPLEX concept, which is composed of the most absorbent-friendly and mixable nutrients, is hands down the most complete fertilising concept on the market.

The fact that the grain crops develop stiff straw is naturally incredibly interesting. If, by using the TRIPLEX strategy, farmers can reduce or avoid completely the use of growth regulators and thus save money and spare the environment the negative impact, then we have come a long way!

## **Effective and eco-friendly**

Bio pH Control is now well established, and it is rare to see a product gain standing in a market so quickly. It is understandable when we consider the huge financial and environmental benefits that lie in the reduction of pesticide consumption by 30 to 50%, which Bio pH Control allows. I highly recommend Bio pH Control to anyone with hard water.

You will be happy to know that you can now spray both Betanal and boron without having to worry about clogged nozzles. You will also be impressed to learn that glyphosate products and other products do not foam, that the spraying has rapid and visible effects (2–3 days) and that the treatment costs only about 0,67 EUR per 100 L of water.

If you would like to know more about Bio pH Control and its applications in your specific conditions, our Agro Team staff is standing by to demonstrate the effects for you.

## **New starter fertiliser for corn**

There is every reason to get the best out of phosphorus fertiliser. We have formulated new starter fertilisers that are tailored to the placement of the fertiliser in connection with sowing. Our starter fertiliser NP 5-8, which has repeatedly produced top results in corn trials, is staying on in the programme. But we expect the new fertilisers can boost yields even more. The new fertilisers will be marketed in the spring.

We look forward to fruitful cooperation in 2021 and will, as always, do what we can to give our customers the best service. Thank you to all our customers for excellent cooperation, and special thanks to the farmers who have shared their experience with colleagues and us in the form of testimonials here in the catalogue. I would like to encourage you to read these testimonials because, as we know, knowledge-sharing makes us stronger.

Several new customers, but also customers who have used our micronutrients for years share their experiences with you.

Finally, we would like to wish you a successful 2021 and hope you will find inspiration in the catalogue, as well as new opportunities to optimise your business results.

Happy reading,  
**Ove Andersen**



## Effective, mixable products are crucial

Highly varied soil types at Marienborg Estate have made it difficult to achieve uniform results, even within the individual fields. Lars Haugaard, operations manager at Marienborg Estate for 25 years, says:

“We purchased our first products from BioNutria in 2018. We went all in starting in 2019 and now use BioMangan 170 NS<sup>P</sup>, BioCrop Opti<sup>XL</sup>, BioBor 150<sup>ECO</sup>, Ammonium Sulphate and Bio pH Control.

In the beets, we have noticed that the effect comes shortly after we use a mixture of BioMangan 170 NS<sup>P</sup>, BioCrop Opti<sup>XL</sup> and BioBor 150<sup>ECO</sup>.

Generally, in our experience, all crops absorb the nutrients quickly. Normally, we see a direct effect a few days after application in that the plants take on a nice green colour. We find the fields become more uniform and the crops generally become stronger.

We are challenged in terms of spraying capacity; therefore it is critical that the products can be blended, so we limit the number of applications in the field. Manganese and other micronutrients would not be applied in time if the blendability was not as good as it is with the BioNutria products. In terms of health, the liquid products are also much better to operate with.

It is a huge bonus that BioNutria provides consultation regarding application times, blending options and so on. We have benefited greatly from that.

Since Bio pH Control became a fixed component in all our spraying, we no longer experience blocked nozzles or filters, and the sprayer is free of lime deposits.”

Lars concludes by pointing out: “It is really satisfying to see the uniform fields we have achieved from using BioNutria products. We haven’t been used to that because of the varying soil quality we have on our land.”

**Lars Haugaard, Production Manager, Marienborg Estate, Møn**

The estate farms 1,250 ha arable land, of which 800 is owned. They grow wheat, beets, rape, barely, rye, seed grass and spinach seeds. The estate furthermore has pig production with 800 sows and 400 ha of forestland.



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# Product overview

## The market's most absorbent-friendly micronutrients

All BioNutria's products are formulated as genuine solutions with low pH levels.

The solutions are therefore very stable. Even after standing for longer periods, they do not crystallise or form sedimentation.



## Spreader sticker

To optimise both the absorption and effect of the added nutrients, all of BioNutria's micronutrients contain at least two adjuvants and always contain a spreader sticker.

### BioCrop Opti<sup>XL</sup>

Special formula adapted to the needs of grain crops.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S     | Mn    | MgO   | Cu   | Zn   | B    | Fe    | Mo   | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|-------|------|------|------|-------|------|---------|------|
| g/l            | 21.93   | 21.93                             | 74.18 | 25.80 | 63.86 | 1.29 | 1.29 | 2.58 | 12.90 | 0.65 |         |      |
| Weight percent | 1.70    | 1.70                              | 5.75  | 2.00  | 4.95  | 0.10 | 0.10 | 0.20 | 1.00  | 0.05 | 1.29    | 2.70 |

### BioCrop Opti<sup>ML</sup>

Special formula for corn, onion and vegetable cultures. Rich in zinc.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S     | Mn    | MgO   | Cu   | Zn   | B    | Fe    | Mo   | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|-------|------|------|------|-------|------|---------|------|
| g/l            | 20.06   | 20.06                             | 37.64 | 11.80 | 29.21 | 1.18 | 2.36 | 2.12 | 11.80 | 0.59 |         |      |
| Weight percent | 1.70    | 1.70                              | 3.19  | 1.00  | 2.48  | 0.10 | 0.20 | 0.18 | 1.00  | 0.05 | 1.18    | 2.50 |

### BioCrop Opti<sup>Cu</sup>

Micronutrient mixture with a high copper content designed for soil and crops that are copper deficient.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S     | Mn    | MgO   | Cu   | Zn   | B    | Fe    | Mo   | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|-------|------|------|------|-------|------|---------|------|
| g/l            | 21.25   | 21.25                             | 61.25 | 18.75 | 51.56 | 3.75 | 1.25 | 1.13 | 12.50 | 0.13 |         |      |
| Weight percent | 1.70    | 1.70                              | 4.90  | 1.50  | 4.13  | 0.30 | 0.10 | 0.09 | 1.00  | 0.01 | 1.25    | 1.88 |

### BioCrop Opti<sup>P</sup>

Special formula for grain crops. Rich in phosphorus.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | P2O5  | S     | Mn    | MgO   | Cu   | Zn   | B    | Fe    | Mo   | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|-------|-------|------|------|------|-------|------|---------|------|
| g/l            | 22.44   | 22.44                             | 37.79 | 23.63 | 26.40 | 65.34 | 1.32 | 1.32 | 2.64 | 13.20 | 0.66 |         |      |
| Weight percent | 1.70    | 1.70                              | 2.86  | 1.79  | 2.00  | 4.95  | 0.10 | 0.10 | 0.20 | 1.00  | 0.05 | 1.32    | 1.77 |

### BioCrop Potato<sup>P</sup>

Special formula for potatoes that is rich in zinc and phosphorus.

|              | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | P2O5  | S     | Mn    | MgO   | Cu   | Zn   | B    | Fe    | Mo   | Density | pH   |
|--------------|---------|-----------------------------------|-------|-------|-------|-------|------|------|------|-------|------|---------|------|
| g/l          | 20.91   | 20.91                             | 35.22 | 47.36 | 12.30 | 40.95 | 1.23 | 2.46 | 1.11 | 12.30 | 0.62 |         |      |
| Vægt procent | 1.70    | 1.70                              | 2.86  | 3.85  | 1.00  | 3.30  | 0.10 | 0.20 | 0.09 | 1.00  | 0.05 | 1.23    | 1.66 |

### Bio NS 15-2

A liquid pH-optimised leaf fertiliser.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | NH <sub>4</sub> | S    | Density | pH   |
|----------------|---------|-----------------------------------|-----------------|------|---------|------|
| g/l            |         |                                   |                 |      |         |      |
| Weight percent | 15.00   | 12.90                             | 2.10            | 2.40 | 1.14    | 5.94 |

### Bio NP 5-8

Liquid starter fertilizer for potatoes and corn. Trial mixture recommended for mixing with liquid dressing agent. Requires equipment that tolerates low pH fertiliser.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | P2O5  | Density | pH   |
|----------------|---------|-----------------------------------|-------|---------|------|
| g/l            |         |                                   |       |         |      |
| Weight percent | 5.00    | 5.00                              | 18.32 | 1.19    | 1.51 |

### Bio P11

Starter fertilizer for potatoes and corn. Pure phosphorus fertiliser for use when planting. Can be mixed with dressing agent. Requires equipment that tolerates low pH fertiliser.

|                | P2O5  | Density | pH   |
|----------------|-------|---------|------|
| g/l            |       |         |      |
| Weight percent | 25,19 | 1.32    | 0.99 |

### BioKalium 100

Potassium solution that quickly replenishes low potassium levels in all crops.

|                | K2O    | Density | pH   |
|----------------|--------|---------|------|
| g/l            | 120,96 |         |      |
| Weight percent | 10,80  | 1.12    | 6.50 |

## BioMangan 170 S<sup>ECO</sup>

The market's only liquid manganese product for use in organic crops. Easy handling without health risks. *Approved for organic farming.*

|                | S      | Mn     | Density | pH   |
|----------------|--------|--------|---------|------|
| g/l            | 106.25 | 178.04 |         |      |
| Weight percent | 7.43   | 12.45  | 1.43    | 4.53 |

## BioMangan 180 NS

A premixed, high-quality manganese solution. Also contains nitrogen and sulphur.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S      | Mn     | Density | pH   |
|----------------|---------|-----------------------------------|--------|--------|---------|------|
| g/l            | 24.31   | 24.31                             | 106.25 | 178.04 |         |      |
| Weight percent | 1.70    | 1.70                              | 7.43   | 12.45  | 1.43    | 6.07 |

## BioMangan 170 NS<sup>Cu</sup>

Effectively remedies and prevents manganese and copper deficiencies in all crops. A premixed, high-quality manganese solution. Also contains nitrogen, sulphur and copper

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S      | Mn     | Cu   | Density | pH   |
|----------------|---------|-----------------------------------|--------|--------|------|---------|------|
| g/l            | 24.65   | 24.65                             | 107.74 | 178.35 | 4.35 |         |      |
| Weight percent | 1.70    | 1.70                              | 7.43   | 12.30  | 0.30 | 1.45    | 4.53 |

## BioMangan 170 NS<sup>P</sup>

The market's only manganese agent with built-in pH control. Used with hard water and when mixing with boron. Unique mixing properties.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | P2O5  | S      | Mn     | Density | pH   |
|----------------|---------|-----------------------------------|-------|--------|--------|---------|------|
| g/l            | 24.82   | 24.82                             | 41.79 | 104.97 | 179.58 |         |      |
| Weight percent | 1.70    | 1.70                              | 2.86  | 7.19   | 12.30  | 1.46    | 0.46 |

## Ammonium sulphate

Additive for use together with glyphosate products: MCPA and MedaxTop. Significantly improves effect.

|                | N    | S    | Density | pH   |
|----------------|------|------|---------|------|
| g/l            |      |      |         |      |
| Weight percent | 8.20 | 9.30 | 1.23    | 6.20 |

## BioKobber 70

Effectively remedies and prevents copper deficiency in all crops. Special formula that is rich in directly plant-accessible copper and sulphur.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S     | Cu    | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|---------|------|
| g/l            | 20.06   | 20.06                             | 35.64 | 70.80 |         |      |
| Weight percent | 1.70    | 1.70                              | 3.02  | 6.00  | 1.18    | 3.21 |

## BioMagnesium 50

A high-quality magnesium solution formulated on the basis of directly accessible magnesium. Also contains sulphur.

|                | Total N | CO(NH <sub>2</sub> ) <sub>2</sub> | S     | MgO   | Density | pH   |
|----------------|---------|-----------------------------------|-------|-------|---------|------|
| g/l            | 21.25   | 21.25                             | 68.63 | 86.01 |         |      |
| Weight percent | 1.70    | 1.70                              | 5.49  | 6.88  | 1.25    | 5.32 |

## BioBor 150<sup>ECO</sup>

Liquid boron fertiliser for boron-dependent crops such as rape and beets. Optionally, supplement with Bio-Crop Opti<sup>XL</sup> to cover the need for other micronutrients. Unique blendability. *Approved for organic farming.*

|                | B     | Density | pH   |
|----------------|-------|---------|------|
| g/l            | 150   |         |      |
| Weight percent | 11.03 | 1.36    | 8.10 |

## Bio pH Control

Bio pH Control is a unique product composed of no fewer than four active ingredients. The product resolves problems with hard water simply, economically and extremely effectively. The plant's absorption of pesticides and micronutrients is increased to astonishing levels, which means pesticide use can be reduced by 30–50%.

|                | Density | pH   |
|----------------|---------|------|
| g/l            |         |      |
| Weight percent | 1.23    | 0.37 |

## BioSelen 5

A high-quality selenium solution that increases the grass's selenium levels and thus effectively combats selenium deficiency in grass-eating animals.

|                | Se   | Density | pH    |
|----------------|------|---------|-------|
| g/l            | 5.00 |         |       |
| Weight percent | 0.45 | 1.11    | 10.78 |

## BioMo 120

Highly concentrated molybdenum fertiliser. Effectively remedies and prevents molybdenum deficiency in all crops.

|                | Total N | Mo     | Density | pH   |
|----------------|---------|--------|---------|------|
| g/l            | 20.66   | 122.85 |         |      |
| Weight percent | 1.64    | 9.75   | 1.26    | 1.03 |

## BioZink 115

Highly concentrated zinc fertiliser. Effectively remedies and prevents zinc deficiency in all crops.

|                | Total N | Zn     | Density | pH   |
|----------------|---------|--------|---------|------|
| g/l            | 24.00   | 115.00 |         |      |
| Weight percent | 1.67    | 7.99   | 1.44    | 5.68 |

## Bio NP<sup>Boost</sup>

Phosphorus boost for use in growing crops. Effectively remedies and prevents phosphorus deficiency in all crops.

|                | Total N | P2O5  | Density | pH   |
|----------------|---------|-------|---------|------|
| g/l            |         |       |         |      |
| Weight percent | 5.04    | 22.90 | 1.24    | 1.62 |

## Maximum effect

"Ammonium sulphate from BioNutria is our guarantee of maximum effect of spraying with glyphosate."

Karsten and Kaare Thomsen,  
Vejstrupgaard I/S, Sjølund,  
Kolding

## Ammonium sulphate

Ammonium sulphate with spreader sticker has been used for years to boost the effect of Glyphosate, MCPA and certain growth-regulating agents etc.

Nationwide tests have documented increased effect of up to 30%.

BioNutria's ammonium sulphate solution is a premixed formula with the market's most effective spreader sticker and is therefore the right choice for such spraying.



## Special fertilisers for your needs

You and your plant cultivation consultant create a fertilisation plan, and we produce the fertilisers that meet your particular needs.

We have long experience in designing micro- and macro-fertilisers tailored to customers' needs and wishes.

We find your optimal solution in close cooperation with you.

# Recommended products and volumes in crops

## How to use BioNutria's micronutrients

Our products are used to guarantee against deficiencies in micronutrients.

Our general recommendation is to use 2–3 L BioCrop Opti<sup>XL</sup> and 1–2 L BioMangan in all crops 3–6 times over the course of the growing season.

In grain crops, Bio-Nutria's TRIPLEX strategy produces beautiful crops and good extra yield.

That is why we have now made the TRIPLEX strategy part of our standard recommendations for grain, where we recommend a TRIPLEX treatment in both winter crops and spring crops once in stages 32–39.

*Read more about BioNutria's TRIPLEX strategy and customer experiences with it on pages 10–11.*

**If you have hard water**, we always recommend adding 0.1–0.3 L Bio pH Control per 100 L water to improve absorption of both micronutrients and pesticides.

Alternatively, you can use BioMangan 170 NS<sup>P</sup> and BioCrop Opti<sup>P</sup>. Contact our Agro Team for further information.

| GRAIN – winter crop             | BioMangan l /ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>XL</sup> l/ha |
|---------------------------------|-----------------|--------------------------------|---------------------------------|
| October: st. 12-14              | 2               |                                |                                 |
| November: st. 14-21             | 1               |                                | 2                               |
| Early spring: st. 25-30         | 2               |                                | 2                               |
| April: st. 31-32                | 1               |                                | 3                               |
| May: st. 32–39 Triplex strategy | 1               | 1                              | 3                               |
| June: st. 51-59                 |                 |                                | 3                               |

| GRAIN – spring crop             | BioMangan l/ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>XL</sup> l/ha |
|---------------------------------|----------------|--------------------------------|---------------------------------|
| April: st. 14-21                | 2              |                                | 2                               |
| May: st. 31-32                  | 1              |                                | 2                               |
| May: st. 32–39 Triplex strategy | 1              | 1                              | 3                               |
| June: st. 51-59                 |                |                                | 2                               |

| RAPE – winter crop   | BioMangan l/ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>XL</sup> l/ha |
|----------------------|----------------|--------------------------------|---------------------------------|
| Autumn: st. 16       | 2              | 1                              | 2                               |
| Early spring: st. 19 | 1              | 2                              | 2                               |
| April: st. 30        | 1              | 1                              | 3                               |
| May: st. 50-57       |                |                                | 3                               |

| RAPE – spring rape | BioMangan l/ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>XL</sup> l/ha |
|--------------------|----------------|--------------------------------|---------------------------------|
| April: st. 16      | 2              | 1                              | 2                               |
| May: st. 19        | 1              | 2                              | 2                               |
| May: st. 30        |                |                                | 2                               |
| June: st. 50-57    |                |                                | 2                               |

| SUGAR BEET     | BioMangan l/ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>XL</sup> l/ha |
|----------------|----------------|--------------------------------|---------------------------------|
| May: st. 12-15 | 2              | 2                              | 2                               |
| June: st. 30   | 2              | 2                              | 2                               |
| July: st. 48   |                |                                | 2                               |
| August: st. 48 |                |                                | 2                               |

| CORN           | BioMangan l/ha | BioBor 150 <sup>ECO</sup> l/ha | BioCrop Opti <sup>ML</sup> l/ha |
|----------------|----------------|--------------------------------|---------------------------------|
| May: st. 15-16 | 2              | 2                              | 3                               |
| June: st. 34   | 2              | 2                              | 3                               |
| July: st. 53   |                |                                | 3                               |

| POTATOES   | BioMangan l/ha | BioCrop Potato <sup>P</sup> l/ha | Bio NS 15-2 l/ha |
|--|----------------|----------------------------------|------------------|
| 3 weeks after germination                            | 1,5            | 3                                |                  |
| For the 1st fungicide application                    | 1,5            | 3                                |                  |
| For the subsequent 4–5 fungicide applications        |                | 3                                |                  |
| When late fertilisation is needed (repeat if needed) |                |                                  | 45               |



# Orders and distribution

We have made it even easier to order our products. Here and now, you can – as usual – order our products through the following contact:

**Ivan Brendstrup** Mobil: +45 2712 6986  
Mail: [ivan.bendstrup@bionutria.dk](mailto:ivan.bendstrup@bionutria.dk)

## Meet us in the field

We provide expert input for many different professional interest groups and make presentations at meetings of agricultural, grower and similar associations. 'If you want a presentation on manganese, micronutrients and additives, we are also happy to make a visit.

Call the contact above and we will put together a professional presentation tailored to your wishes.

We also visit the farmer's fields to talk about fertilisation and micro-nutrient strategy. This service is 100% free of charge and is in no way binding.



## Packaging sizes and delivery

We deliver to your doorstep. You are free to compose both half and whole pallets with the various products that suit precisely your needs.

Whole pallet: 88 x 10 L jugs

Half pallet: 44 x 10 L jugs

We even deliver our products in 500 and 1000 L containers, to make it even cheaper.



You can always find current prices on our website **[bionutria.dk](http://bionutria.dk)**  
The price list is updated as needed.



## Safe effect

Jens-Jørgen operates the farm's 175 ha in rotation through strip sowing. A proper layer of top soil has been built up in all the fields, and he is considering switching to no till disc seeding.

"On Majbølgård we have used BioNutria products over the past four years. We started with liquid BioMangan 170 NS<sup>P</sup>, but today we also use Ammonium Sulphate and Bio pH Control. Each one is an effective product that we wouldn't want to do without.

We see a greater and more reliable effect from spraying with Glyphosate when we add Bio pH Control and Ammonium Sulphate."

Jens-Jørgen uses a Danfo-til sprayer and has found in the past that lime deposits sometimes build up in the hoses and that the sprayer can have deposits on the outside.

"Since we began using Bio pH Control regularly in all our spraying, the problems with lime have disappeared completely, and the sprayer looks like new again," says Jens-Jørgen.

**Jens-Jørgen Maarup, Majbølgård, Sydals**

On the farm, 175 ha is operated in rotation with winter wheat, winter barley and winter rape. Jens-Jørgen and his family bought Majbølgård and began operating it on 1/1/2011. They have made their own distinct mark on the farm, which is now a model operation.



# Reliable effect of your spraying agents

## Bio pH Control

If you have problems with hard water and high pH in your spray liquid then Bio pH Control is the solution and can often reduce the need for added pesticides by 30–40%. It is now generally well known that some crop protecting agents are very unstable at a pH over 8. That is particularly the case for beet agents and pesticides.

Therefore the pH in these sprays needs to be reduced. Ideally, all spraying should be done using water with a pH from 4 to about 5.5, as all agents are relatively stable in that interval (pH 6 for mini agents).

Bio pH Control is the market's absolute cheapest product for lowering the pH in spray liquids. Use 0.1–0.3 L per 100 L water and you will get noticeably better blendability and stability in your spraying liquid.

The exact dose depends on your water's hardness and pH value.

If you would like to be able to measure the pH value in a given mixture, we recommend buying a professional pH meter.

Bio pH Control is also the right additive when mixing with boron, as boron has a high pH value and thus raises the pH in the spray liquid.

***Remember that BioMangan 170 NS<sup>P</sup>, BioCrop Opti<sup>P</sup> and BioCrop Potato<sup>P</sup> come standard with pH Control.***



# Optimal blendability

Blendability is one of the issues we get a lot of questions about. Generally, our products are very blendable and incorporate into the planned spraying without a problem. There are limits, however, to how many and what components you can blend. The water hardness also means a great deal for the blendability. That is why we share our advice about blending here:

- Always follow our instructions for blending sequence – you will find it at [www.bionutria.dk](http://www.bionutria.dk)
- Boron and manganese in the same spray requires a pH reduction.
- Never blend more than two plant protection agents.
- Make a test mixture in a glass or bucket if in doubt.
- Have plenty of water in the sprayer before blending.
- Blend while mixing and spray immediately after blending.
- Create a fixed routine for maintenance and cleaning of the the sprayer and its filters.
- Use copper products specifically.

*We refer to our website, where you will find blending tests and further instructions for mixtures.*

## No lime deposits

"Since we regularly started using Bio pH Control in all spraying, the problem of calcium deposits has vanished completely."

Jens-Jørgen Maarup,  
Majbølgård, Sydals

## Maximun effect

"We add BioBor 150<sup>ECO</sup> to the fungicide and herbicide sprays for rape, beets and bread wheat without a problem when we use BioMangan 170 NS<sup>P</sup> and Bio pH Control."

Jeff Madsen, Priorskov and  
Fuglsang Estates, Lolland

## Hard water?

**Bio pH Control effectively resolves the problem of hard water.**

Add 0.1–0.3 L Bio pH Control per 100 L water. Our manganese products and micronutrient mixtures are available with built-in pH Control, which increases blendability and counters the negative effects of hard water.

BioCrop Potato<sup>P</sup>, BioCrop Opti<sup>P</sup> and Bio Mangan 170 NS<sup>P</sup> come standard with Bio pH Control.

## Little dose – big effect

"1 L Glyphosate blended with 480 g Bio pH Control worked both fast and more effectively than 1.5 L without."

Frank Berend, production manager  
for cultivation, Bimpel,  
Lydersholm, Tønder

## Substantially better quality

Anders and Ejvind Gyldenkerne run Sia Eglat in Latvia. The farm, which spans 2,200 ha, grows wheat, rape, spring barley, broad beans and rye.

"We became familiar BioNutria in 2015, when we purchased BioMangan 170 NS<sup>P</sup>. We then began using BioCrop Opti<sup>XL</sup> instead of spreader/sticker, since we might as well spray nutrients at the same time. We also benefit from Bio Kobber 70 in soil with a copper deficiency.

I wouldn't want to bet the farm and say we have had a lot of extra yield, but we have certainly seen significantly better quality crops."

Anders has done trials with relatively inexpensive ground fertilisers that are supplemented with BioCrop Opti<sup>XL</sup>. He has compared the results with a more expensive solution with ground fertiliser and micronutrients. The yields were the same, but they saved about EUR 200 per ha. on fertiliser costs, and that is an impact that can be felt.

"We were probably a little old-fashioned and did not use additives in our glyphosate spraying. We have waste rape in the aftercrops that get quite big before spring. Normally, they wilt, but continue growing in the subsequent crop (direct sowing). We have begun using Bio pH Control and now find that these sprays are fully effective.

We have also tried to wilt outer rounds and dirty patches in the winter rape. Normally we have to take care that we don't get out too late, because then we don't get the full effect of the spray. Using Bio pH Control, rapeseed waste burnt out completely, and the harvest was a breeze. In the future we will experiment with glyphosate in lower doses."

**Anders and Ejvind Gyldenstjerne, Sia Eglat, Latvia**

Anders and Ejvind started the farm in Latvia in 2003. For the past ten years, Anders has been production manager on three different farms. They manage 2,200 ha (owned, partially owned and leased) with wheat, rape, spring barley, broad beans and rye.



# BioNutria **TRIPLEX** – a revolution in grain cultivation

The BioNutria TRIPLEX strategy consists of 1 L BioBor 150<sup>ECO</sup>, 1 L BioMangan 180 NS/170 NS<sup>P</sup> and 3 L BioCrop Opti<sup>XL</sup> per ha in one application during the grain's stretching phase.

The application can take place in connection with fungicide or herbicide spraying, so there are no extra application costs.

The results are impressive. They show significant improvements: 50% larger flag leaves, larger spikes with larger grains and a big effect on the plants' straw stiffness. Extra yields varying between 600 kg/ha to 2,500 kg/ha have been harvested, and therefore we expect there to be even more focus on the concept going forward.





# How does the **TRIPLEX strategy** work?

The new, revolutionary concept of the BioNutria TRIPLEX strategy is the application of BioBor 150<sup>ECO</sup> in combination with BioMangan 180 NS and BioCrop Opti<sup>XL</sup> in the grain's stretching phase.

Boron is not traditionally considered to be a micronutrient that requires attention in grain, but boron has well-documented effects that should not be underestimated and which are maximally utilised in the Bio-Nutria TRIPLEX strategy.

1. Boron improves the strength of the straw and thereby reduces the risk of lodged grain. It is especially relevant in concept cultures such as bread grain, where farmers are obliged to refrain from growth regulation, but it can also be an inexpensive aid in traditional growth regulation in grain.
2. Boron is critical for the formation of pollen and flowers. That means boron plays an important role in the potential yield of a grain field, and boron deficiency can result in loss, even in well cared for crops on good soil.
3. The combination of BioBor 150<sup>ECO</sup>, BioMangan and BioCrop Opti<sup>XL</sup> produces optimal conditions for the photosynthesis apparatus and ensures there are no micronutrient deficiencies.

## Stable products – good results

Borupgaard I/S consists of Borupgaard and Christiansdal as well as some leased land – for a total of 800 ha. The crops are grown in rotation and consist of wheat, seed grass, rape, oat and spring barley.

Peter says: 'We have used Bio-Nutria products for the past five years. We use BioMangan 180 NS, Ammonium Sulphate, BioBor 150<sup>ECO</sup> and Bio pH Control with really good results. We also find that the products are highly stable and don't precipitate.

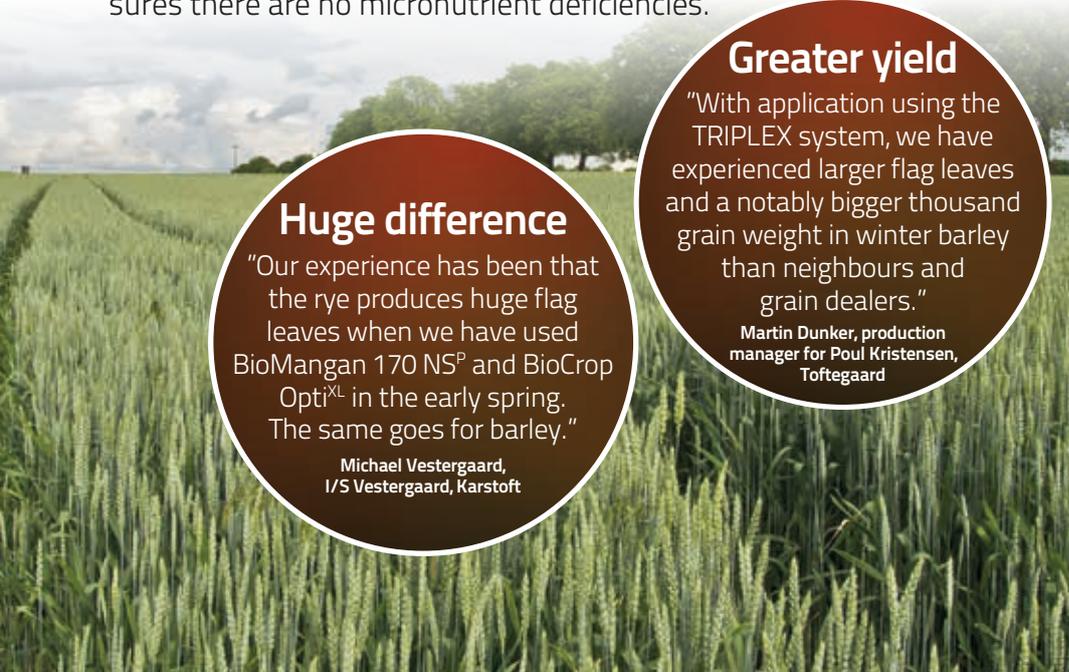
By using Bio pH Control we can reduce lime deposits in the sprayer and prevent the active ingredients from binding in it, so we avoid having to clean the nozzle filters at the optimal spraying times.

We are also very happy that BioNutria products can be blended with practically all the usual plant protection agents.

Generally, we find we get a greater and more stable effect, and a reliable effect in less optimal conditions."

**Borupgaard I/S ved Peter and Flemming Fuglede Jørgensen, Løkken**

A modern family-run business consisting of Borupgaard and Christiansdal. The crops consist of wheat, seed grass, rape, oat and spring barley.



**Huge difference**  
 "Our experience has been that the rye produces huge flag leaves when we have used BioMangan 170 NS<sup>P</sup> and BioCrop Opti<sup>XL</sup> in the early spring. The same goes for barley."  
 Michael Vestergaard,  
 I/S Vestergaard, Karstoft

**Greater yield**  
 "With application using the TRIPLEX system, we have experienced larger flag leaves and a notably bigger thousand grain weight in winter barley than neighbours and grain dealers."  
 Martin Dunker, production manager for Poul Kristensen, Toftegaard



# BioMangan and BioBor for **corn** on sandy soil

## Good results with BioNutria

On Busebjerggård, 185 ha of smooth-stalked meadow-grass, white clover, tall fescue, rape, spring barley and a little wheat are farmed. The crops are cultivated plough-free, with minimal soil treatment and with focus on cleaning the soil for the seed grasses.

"We have used BioNutria's products for five seasons. We started using BioMangan 180 NS, BioBor 150<sup>ECO</sup> and BioKobber 70. Since then we have added Ammonium Sulphate and Bio pH Control.

In 2019 we switched to BioMangan 170 NS<sup>P</sup>, as we generally have low phosphorus values on the land. Here we found that the fields generally became greener with BioMangan 170 NS<sup>P</sup> than with other types of manganese."

A part of the Busebjerggaard grounds are lowland soil, where there is a significant risk of copper deficiency. This is effectively prevented by adding BioKobber 70 in part of the spraying until beginning spike development.

"We are very happy with the results we have achieved with the products and the good cooperation we have had with BioNutria," says Niels.

**Niels Madsen, Busebjerggård, Lundby, Zealand**  
In Lundby lies the handsome Busebjerggård Estate on 200 ha. On 185 ha (including a small amount of leased land) smooth-stalked meadow-grass, white clover and tall fescue, rape, spring barley and a little wheat are grown.

## Effective prevention of boron and manganese deficiency in corn

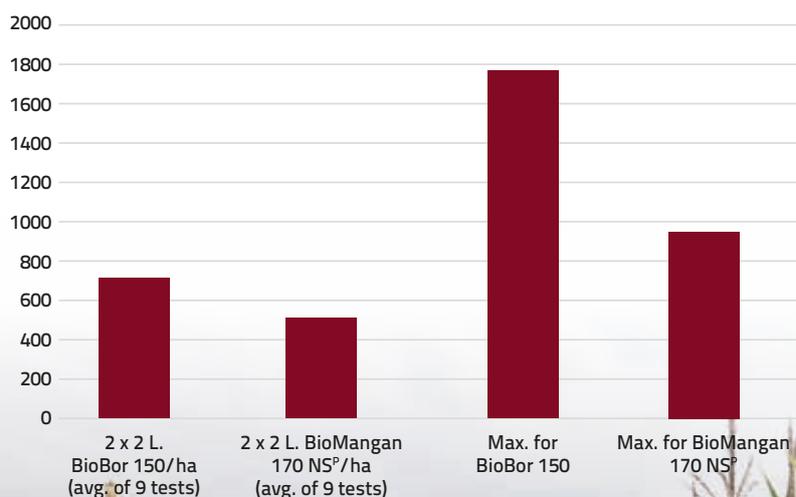
Micronutrients for corn have now been tested in national studies for four seasons. In all four test years, there was clear extra yield with application of BioBor 150<sup>ECO</sup> and BioMangan 170 NS<sup>P</sup> – up to an impressive 1,780 feed units/ha!



BioBor 150<sup>ECO</sup> and BioMangan 170 NS<sup>P</sup> can be mixed together and with the usual herbicides in corn.

When you choose BioNutria's products, you can thus add both boron and manganese without extra spraying costs.

### Extra yield for application of BioBor 150<sup>ECO</sup> and BioMangan 170 NS<sup>P</sup> for corn on sandy soil. 9 national tests over a four-year period (fu/ha).



Without treatment

With Bio Bor 150<sup>ECO</sup> and BioMangan 170 NS<sup>P</sup>



## Maximum effect and good savings

We visited Jeff Madsen at Priorskov and Fuglsang Estates again to follow up on the positive experiences he had with BioNutria's products last season.

"Again in 2020 we have had a really good effect from all the herbicides we have blended with Bio pH Control and BioMangan 170 NSP. We no longer see large patches in the fields with manganese deficiency and the like, something that used to be wide-spread throughout the whole property.

We can also have BioBor 150<sup>ECO</sup> in fungicide and herbicide spraying of rape, beets and bread wheat. We can do that without any problems when we use BioMangan 170 NSP and Bio pH Control.

In 2020 we took part in a spraying test, where the beet fields were filmed via drone and then the beets were sprayed with Matricon. Here too we saw maximum effect after the spraying water was optimised with Bio pH Control. The thistles withered the same day, and the other plants reaped the maximum benefit. So the expenses are minimal compared to the results. The beet fields look nice and clean here in the month of October.

For the spraying of our aftercrops, where there were also a lot of thistles, we used: 0.35 L Bio pH Control per 100 L water + 2 L Ammonium Sulphate per ha + 2 kg Round Up Power Max. The spraying had a 99% effect on the thistles."

### Moddus in wheat and mildew locality

"0.4 L Moddus per ha was too much in relation on the wheat when we add Bio pH Control. In the future, we will only use 0.2 L/ha. We observed the same effect on the red fescue.

Priorskov and Fuglsang are in a location that is subject to a lot of mildew. In 2020 we conducted a small test with Talius. Full amount: 0.25 L Talius per ha without Bio pH Control versus half amount: 0.125 L Talius per ha with Bio pH Control. The half amount to which Bio pH Control was added worked equally as well as the full amount, and we had no sign of mildew until autumn.

With BioNutria's products, we can give the crops optimal access to the necessary nutrients while minimising the use of protective agents considerably."

#### Jeff Madsen, Priorskov and Fuglsang Estates, Lolland

Priorskov and Fuglsang Estates are operated by Morten Olsen-Kludt. Jeff Madsen is responsible for operation of the nearly 1,000 ha on which grass seed, sugar beet, rape, wheat and spring barley are grown.



**Optimal protection**

"With Bio pH Control, we have managed to optimise our fungicide and herbicide spraying. This gives us lower consumption of these agents and big savings."

Jeff Madsen, Priorskov and Fuglsang Estates, Lolland





## A good insurance strategy – pays off

"All our land is operated plough-free, and we aim to sow all our crops using the strip sowing system. However, we harrow at a depth of 5 cm before laying the potatoes, so we can better achieve a good ridge.

We began using BioNutria in 2018. We started with Ammonium Sulphate, precisely because it is pre-mixed with spreader/sticker agent.

We have used BioCrop Potato<sup>P</sup> for three seasons. The first seasons with application in June and early July. In 2020 we sprayed it a little later and we found that the potato maturation was suspended for a while. So now we use BioCrop Potato<sup>P</sup> from late June to early August. Normally we cultivate about 10 tonnes of starch per ha, our goal is to reach 11 tonnes in a few years.

In the corn we use BioMangan 170 NS<sup>P</sup> and BioBor 150<sup>ECO</sup> as insurance and as a test to determine the need on our own land.

Corn is an important crop for us, and our focus is on getting the maximum volume of gas out of each tonne of corn. We have been able to reduce the number of plants per ha. from 100,000 to 75,000 plants, and in 2019 we harvested about 36 tonnes per ha with a dry matter content of 36%, which corresponds to 15-20% more gas per tonne of corn.

Our rye also gets BioMangan 170 NS<sup>P</sup> and BioBor 150<sup>ECO</sup>. There we have a yield of 11–12 tonnes of dry matter per ha in the wholecrop, which also ends up in the Biogas plant."

### Significantly better effect with Bio pH Control

In the spring of 2020, Frank and his staff conducted a little test with pH-control in the Glyphosate spraying before sowing corn. One litre of Glyphosate blended with 480 g Bio pH Control worked both faster and more effectively than 1.5 L without. In both applications, we also added 1.5 L Ammonium Sulphate per ha.

"In the future we will use Bio pH Control in all spraying to maximise the effect of the sprayed active ingredients," says Frank.

**Frank Berend, operation manager for cultivation at Bimpel c/o Brian Rostgaard Andersen, Tønder**

Bimpel has three equally large branches of operation: Machine trade, biogas (located just south of the Danish/German border) and cultivation. The cultivation consists of 600 ha, of which 100 is leased land. There is 360 ha of corn, 100 ha of barley, 40 ha of spring corn and barley and oats, all as wholecrop for biogas, and 100 ha potatoes for starch..

### Bimpel

The name Bimpel comes from an old unit of measurement typically used for beer. Everyone knows the concept a barrel of beer and a "bimpel" (small jug) of beer is the same as 1/2 barrel of beer.



# Superior starter fertiliser

## Big benefits with starter fertiliser!

Phosphorus fertiliser for fungicide treatment or application on laying has shown to produce good extra yields in recent years.

BioNutria's starter fertiliser for potatoes Bio P11, is a pure phosphorus fertiliser for use when laying potatoes. The fertiliser can be used together with fungicide treatment. Just be aware that the fertiliser requires equipment that tolerates a low pH.

If you would like a different composition that this, we can tailor a starter fertiliser to your needs.

**Call us today to learn more about starter fertiliser for your potatoes.**



### BioCrop Potato<sup>P</sup>

In 2014 BioNutria developed Biocrop Potato<sup>P</sup> in close cooperation with Lars and Henrik, who also tested the product.

## Healthy, strong plants with BioCrop Potato<sup>P</sup>

"We use BioCrop Potato<sup>P</sup>, BioMangan 170 NS<sup>P</sup>, Ammonium Sulphate and Bio pH Control.

The number of tubers with physiological rust has diminished substantially since we began using BioCrop Potato<sup>P</sup> consistently in all fields," says Henrik, and continues:

"We generally see more uniform green fields and healthier plants. Some of the species have lower impact sensitivity, so there is clearly a big difference.

In the fungicide unit on the potato planter we use Bio P11 and simultaneously apply Bio NS 20-2 in a furrow next to the ridge.

We use about 18 kg phosphorus per ha. We believe that is where the optimal financial level is. It results in one to two tubers per plant and a better skin sensitivity. From our experience, the germination takes place about eight days earlier when Bio P11 is applied in the place of other phosphorus types. Bio pH Control allows better absorption of micronutrients and plant protection agents in the plants and, at the same time, we no longer have problems with lime deposits and clogged nozzles on the sprayer."

Lars and Henrik agree "We have a good and trusting cooperation with BioNutria. All agreements are met, and we see visible results in the products."

**Lars Christensen and Henrik Ipsen Pedersen, Møldrup Kartoffelcentral, Møldrup**

Møldrup Kartoffelcentral operates 1,200 ha of land, 725 ha of which with potatoes. Lars expanded the business from 250 ha in 1998 to 725 in 2020. Henrik is employed at Dan Potatoes under Møldrup Kartoffelcentral and is responsible for the export of seed potatoes.

## Sustainability, ecology and high quality are critical

After a generational succession, Tjele Estate is again active in milk production. In 2018 and 2019 two properties were purchased, and today there are 800 organic dairy cows. On the estate, organic coarse fodder is grown on about 800 ha.

Jan says: "We have done business with BioNutria for seven years. The products are easy to use, they are blendable with almost anything, and they remain stable even after skipping a season. We have used BioMangan 170 S<sup>ECO</sup>, BioCrop Opt<sup>IXL</sup> and Bio Bor 150<sup>ECO</sup>.

The plans for the estate include a greater degree of self-sufficiency and therefore we are now considering producing our own beets. We are also considering phasing out purchases of protein sources.

Since the transition to organic products, we have used BioMangan 170 S<sup>ECO</sup>, and we will also use BioBor 150<sup>ECO</sup> for the beets in the future."

"We make sure there is a green thread in everything we do – ecology, sustainability and the high quality of the crops and foods we produce. That's why it is important for us to use effective products that are approved for organic farming and to have serious business partners," adds Morten.

**Morten Højgaard, inspector, and Jan Køster, production manager, Tjele Estate owned by Ditlev Lüttichau.**

The estate is 4,000 ha of forest, lakes and farmland. The estate itself operates 200 ha with Christmas trees and 800 ha with organic coarse fodder, grass, peas, spring barley and green barley, which is ensiled for the estate's 800 organic dairy cows. 800 ha are leased to Danroots. The estate also has a herd of Black Angus, which are used for nature conservation.



# Healthy **ecology** with BioMangan 170 S<sup>ECO</sup> and BioBor 150<sup>ECO</sup>

As an organic farmer, there are good opportunities to remedy manganese deficiency problems. In fact, it is possible to spread 1,600 grams of pure manganese, corresponding to 9.4 L BioMangan 170 S<sup>ECO</sup> per hectare if you have a consultant declaration.

BioMangan 170<sup>ECO</sup> is a liquid manganese, formulated like a genuine solution, that is approved for organic use according to the guidelines in Council Directive no. 834/2007.

Manganese does not move in the plants and therefore it is very important that the manganese is added multiple times in a growth season. Thereby manganese deficiency is avoided in both the old and new leaves.

The recommended dose is 2–4 L/ha/treatment, repeated as necessary.

BioMangan 170 S<sup>ECO</sup> is effective, easy to handle and has a fast and sure effect.

## Liquid boron for organic farming

BioBor 150<sup>ECO</sup> is a liquid boron solution formulated like a suspension. BioBor 150<sup>ECO</sup> is approved for organic farm production according to the guidelines in Council Directive No. 834/2007.

It is possible to use up to 10 L per hectare per year, which is applied in repeated doses of 2–3 L/ha, sprayed in a liquid volume of 100–200 L/ha.

An effective, easily absorbed liquid boron solution for organic crops, made of the absolute best raw materials. It is easy to handle, and the quality is unsurpassed.



# Leeks, onions, spinach, cabbage, celeriac, beetroot – high-value crops with special needs

## BioNutria has the solutions

Vegetable growers have come to appreciate BioNutria's micronutrients, which are based on highly soluble sulphate salts.

When micronutrient deficiency symptoms can be seen in the field, it has already cost yield. Therefore, it is easy to take out insurance in the form of BioNutria's products, which are specially designed for demanding crops

## Extra zinc and copper

BioCrop Opti<sup>ML</sup> is developed with an extra high content of zinc in relation to our effective product BioCrop Opti<sup>XL</sup> – both contain an additional eight essential nutrients. Like our other products, they contain a super effective spreader sticker agent and a couple of other adjuvants that ensure fast and effective absorption in the plant.

When additional manganese is needed, the BioCrop products can be supplemented with BioMangan 180 NS or BioMangan 170 NS<sup>P</sup>.

In addition to manganese, it is also possible to blend in our individual nutrients as needed, such as: BioBor 150<sup>ECO</sup>, BioKobber 70, BioKalium 100, BioMo 120 and BioMagnesium 50.



## Insurance provides uniform quality

On Samsø, Morten operates over 500 ha of land, of which 120 are vegetables, potatoes and berries. Morten has used BioNutria's products for six seasons.

"We add micronutrients based on an insurance strategy that our vegetables become greener. Especially in relation to the beetroot, it is clear that the tops stay green longer when we use BioCrop Opti<sup>XL</sup>. Generally, our crops are of a high quality, nice looking and uniform.

We have BioCrop Opti<sup>XL</sup> in all spraying of green leaves, and there is no problem with spraying where we mix with agents to fight insects, fungus and mildew."

BioMangan 170 NS<sup>P</sup> or Bio pH Control is always added in the sprayer to neutralise the hard water we have on the property.

We also use the following on the farm: Bio Magnesium 50, Ammonium Sulphate, Bio Bor 150<sup>ECO</sup> and Bio NP 5-8, which is applied when potatoes are planted.

### Morten Alexandersen, Samsø

On the farm, over 500 ha of land is cultivated, 120 ha of which are vegetables, potatoes and berries. The crops are strawberries, cabbage, beetroot, pumpkins, Hokkaido squash, blackcurrants, red fescue, wheat, rape and spring barley.

# Top quality for your Christmas trees

BioNutria's micronutrients are used as standard treatment by many Christmas tree growers to ensure colour, needle fill and to minimise the occurrence of bare shoulders on the trees.

By choosing BioNutria's fertilisers and following our recommendations, you can look forward to a simple, very economic and super effective fertilisation programme.

## Fertilisation recommendations

|   |   |  |
|---|---|--|
| 1st spraying after budding                        | Atomising sprayer<br>400–600 l water/ha | 5 l BioCrop Opti <sup>XL</sup> + 1 l BioMangan 180 NS + 12 l BioMagnesium 50 |
| 3–4 weeks after 1st spraying                      | Atomising sprayer<br>400–600 l water/ha | 5 l BioCrop Opti <sup>XL</sup> + 1 l BioMangan 180 NS + 12 l BioMagnesium 50 |
| 3–4 weeks after 2nd spraying                      | Atomising sprayer<br>400–600 l water/ha | 5 l BioCrop Opti <sup>XL</sup> + 1 l BioMangan 180 NS + 36 l BioMagnesium 50 |
| Colour fertilisation as needed (repeat if needed) | Atomising sprayer<br>400–600 l water/ha | 50 kg (40 l) BioNS 15-2 Leaf fertiliser + evt. 36 l BioMagnesium 50          |

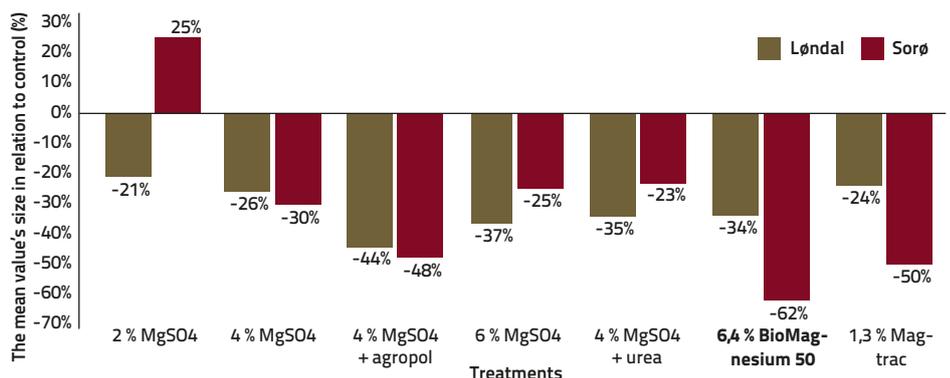
Always use 400–600 L water/ha. It is important that all needles are covered in the solution. The amounts are guidelines only and can be adjusted to the culture's needs with respect to amount and number of applications. 1st application will generally be in the last half of June, and the last application should not be later than the end of September. After that time, the needles may no longer be receptive.

BioNutria's products are fully blendable with sulphur and louse agents and can therefore be added when spraying pesticide.

## Bare shoulders

Bare shoulders are unfortunately a well-known problem in many Christmas tree cultures. With BioNutria's BioMagnesium 50 you ensure the addition of easily absorbed magnesium multiple times during the season. "Danske Juletræer" has a number of studies under way testing different magnesium solutions for the prevention of bare shoulders. Here, BioNutria's BioMagnesium 50 is a top contender and without any risk of scorching.

## Occurrence of bare shoulders in relation to control treatment





## Handsome high-quality Christmas trees

"Our rotation consists of ten parcels with Christmas trees, where about one ha is planted each year. We maintain a slightly wider distance when planting, so our trees have the space they need to grow. Therefore we avoid having to remove trees regularly, and our trees grow to be handsome.

We began using BioNutria's products in the autumn of 2016 and have used them ever since. We use BioCrop OptiXL, BioMangan 170 NSP, Bio NS 15-2, BioMagnesium 50 and Ammonium Sulphate, and we follow BioNutria's recommendations.

We use granulate in the spring and autumn. In addition, we apply liquid fertiliser in July, where our trees get a 'shower' two to three times. As needed, we apply fertiliser again two to three times in September – but only in the cultures that are ready for sale.

Our trees have to retain their colour all year, otherwise it is difficult to get the colour back. If they do slowly lose their colour, we get the full colour back in five to seven days after spraying with BioNutria's colour fertiliser Bio NS 15-2: It is truly effective!

Since we started using Ammonium Sulphate, we have been able to cut down on the use of glyphosate. It is very broad-spectered when mixed with Ammonium Sulphate. Here we use a shielded sprayer, so the trees themselves do not get hit," Susanne explains.

"Another thing we like about BioNutria is the website, where we can quickly find the prices of the various products. At the same time, it is nice that we can pre-order everything we need for a particular delivery date when we have time. They are products at reasonable prices in relation to the yield."

### **Susanne and Lars Hansen, Lyngholmgaard, Blære**

Lars started in 1994 with four to five ha of Christmas trees as a hobby. Since 2005, the farm's now 11.5 ha have been operated with a 10-year rotation with Christmas trees in rows as straight as an arrow.

The trees are primarily for export, but around Christmas time, Susanne and Lars have a small sale of trees where customers can come and fell their own on the farm and where students from the local boarding school help out.





**BioNutria**

DANMARK



## Orders, sales and advising

Good advice doesn't cost extra. We are always on hand to advise you, and if you have questions, do not hesitate to contact us. Call us or email your order. We'll find the products that suit your needs – at the right price.

*PS! Please order your goods for 2021 early. It means a lot to us that we can plan production. Naturally, you should not receive the products before you need them.*



**Ivan Brendstrup**

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