



# Agroblen<sup>®</sup>

## Trial results

### Norway spruce (*Picea abies*)

#### Increases plant height

Over the entire trial period, by using Agroblen the plant height was constantly improved. Agroblen increased plant height by 24 cm compared to Grower Practice.

#### Increases root collar diameter

Seedlings fertilized with Agroblen reached the same size of root collar diameter one year faster than seedlings grown conventionally. This trend was noticed in both second and third growing season, increasing overall root collar diameter by 43%.

#### Improves survival rate

Increasing root collar diameter and plant height it improves the survival rate of the plants, avoiding severe damages made by animals (moose and deer), weeds and pests (pine weevil). By this, 1 extra treatment against pine weevil might be avoided.

N	9%
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P	20% P <sub>2</sub> O <sub>5</sub>
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K	8% K <sub>2</sub> O
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Mg	3% MgO
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B	0.1% B
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### When

Spring 2015  
Autumn 2017



### Where

Borsaskögle, Sweden



### Crop

Norway spruce  
(*Picea abies*)



### Soil type

Sandy silt  
pH = 4.1



### Measurements

Plant height  
Root collar diameter

## Objective

To evaluate the performance of Agroblen, as fully coated NPK, on plant development of *Picea abies* during 2.5 years after planting.

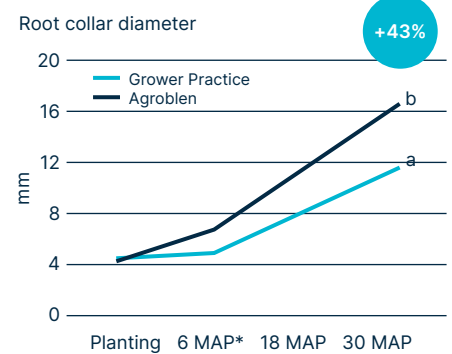
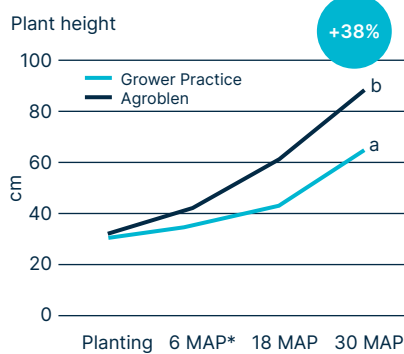
## Trial set-up

Trial performed by SLU – Asa Research Station.  
Randomized block design with 3 repetitions.

## Treatments

Treatment	Product	Dosage	Timing of application
Grower Practice			
Agroblen	Agroblen 9-20-8+3MgO+0.1B	30 grams/plant	At planting, in planting holes

## Results



\* MAP – months after planting

Statistically significant differences at  $p < 0.5$

## 2 years after planting



Grower Practice



Agroblen

## Product description

Help your forestry and orchard crops branch out with Agroblen® 9-20-8+3MgO+0.1B | 8-9M. This high-phosphorus fully coated NPK fertilizer is enriched with boron and magnesium, providing your plants with uniform growth and stronger rooting. Designed specifically for planting hole application, this product is your perfect solution for establishing forestry crops, such as conifers. Enjoy controlled, sustained, and reliable nutrition thanks to ICL's state of the art Resin Release Technology, providing high-quality nutrients over a guaranteed 8–9-month period, at average soil temperature of 21°C.



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