

Gaiago supports you in the agroecological transition with innovative solutions for soil and agrosystem revitalisation.


Biological fixation
of nitrogen from the air

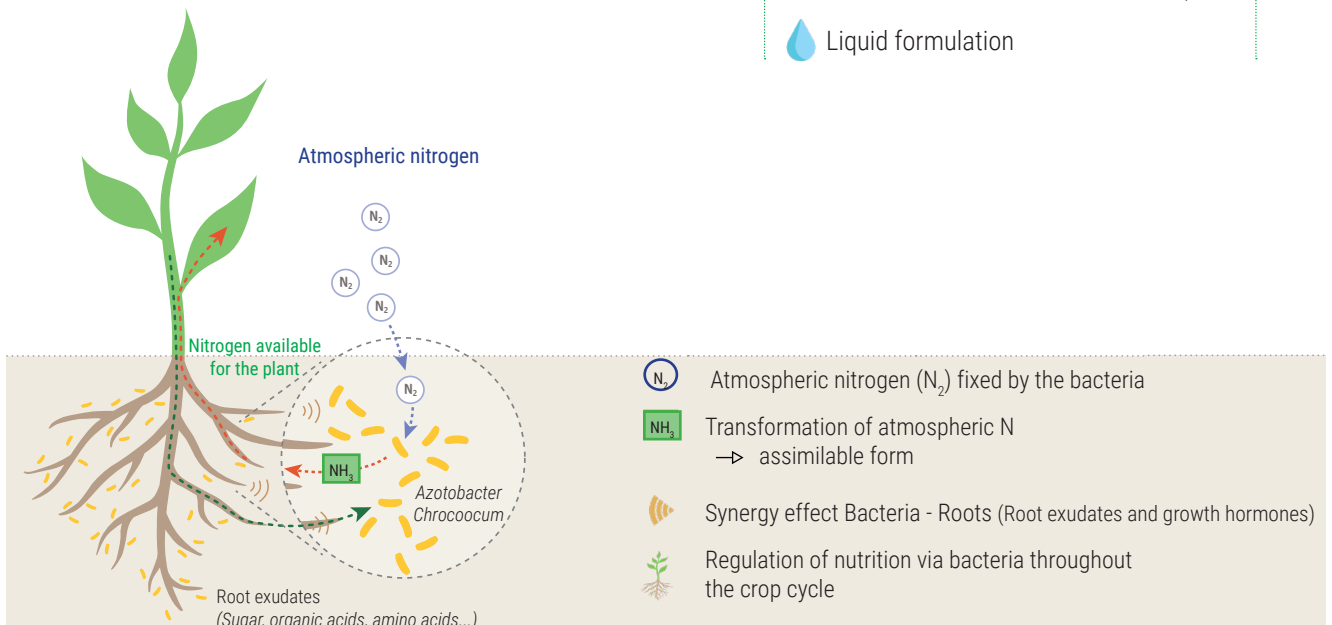
Provision
of plant available nitrogen

Nutrition controlled
by the plant and not by
the climate

MODE OF ACTION



Root probiotic based
on *Azotobacter chroococcum* 5x10⁹ CFU/ml

 Liquid formulation



BENEFITS

-  **NATURAL AND NON-LEACHABLE NITROGEN**
-  **NOT ACCOUNTED FOR IN THE FERTILISER PLAN**
Can be used in protected and vulnerable zones

-  **NO NITROGEN STARVATION**
-  **ADDITIONAL SOURCE OF NITROGEN**
Fix the equivalent of 30 kg N/ha

TECHNICAL RESULTS

RHIZOSPHERE

SECURES YIELD

Trials with **the same dose of nitrogen** between methods

 **Wheat: + 0.6 ton/ha**
10 trials/France - Belgium - Germany

 **Barley: + 0.53 ton/ha**
5 trials/France - Germany

 **Rape: + 0.25 ton/ha**
4 trials/France

 **Maize: + 0.78 ton/ha**
13 trials/France - Belgium - Czech Republic

 **Sunflower: + 0.12 ton/ha**
1 trial /France

 **Sugar beet: + 5.6 ton/ha**
2 trials/France

Trials under optimum conditions = on aerated soils, with a presence of sulphur


DIVERSIFIES NITROGEN FERTILISATION

Trials with **reduced nitrogen** for the same yield

Wheat: -20 to -50 kg N/ha 
12 trials/France - Germany

Rape: -20 to -40 kg N/ha 
2 trials/France

Maize: -20 to -40 kg N/ha 
6 trials/France - Belgium - Czech Republic

Sugar beet: -25 to -30 kg N/ ha 
2 trials/France

Trials under optimum conditions = on aerated soils, with a presence of sulphur

Yield = +£70 to £120/ha

Our suggestion

30 kg N/ha of nitrogen reduction with FREE N100

RECOMMENDATIONS

For use in Organic Agriculture in accordance with EU regulation 2018/848

 Aerated soil


 Humid soil

 T°C soil > 8°C

0.5 l/ha

All crops and all soil types

→ On growing plants
→ Presence of sulphur

 **Compatible with certain herbicides**

Don't mix with fungicides, insecticides, nitrogen solution

→ If mixed with chlorinated water, use 1kg sugar/1000L water

Optimum pH = 5.5-8.2 for soil and spraying mixture

Optimum application:



In the evening In the morning (before dew)

Shelf time: 9 months at room temperature - Once open, use within 5 days

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