



ONE DREAM ONE SOUL



AGRA
SOUL

- Transit to Natural Farming
- Sustainable & Regenerative
- Quality crops
- Soil restoration
- Biodiversity



Drought/Heat



Water scarcity

CHALLENGES



Soil nutrient depletion



Pesticides



DIVINE POW(D)ER

KEY 112 35

Made in Belgium



TÜVNORD

Organic Farming

EU Approved

INNOVATIVE MINERAL FERTILIZER



CALCITE

Natural mineral

Marine origin

Rich in fossilized algae

ACTIVATED MICRONIZATION

Increased bioavailability

Improved photosynthesis

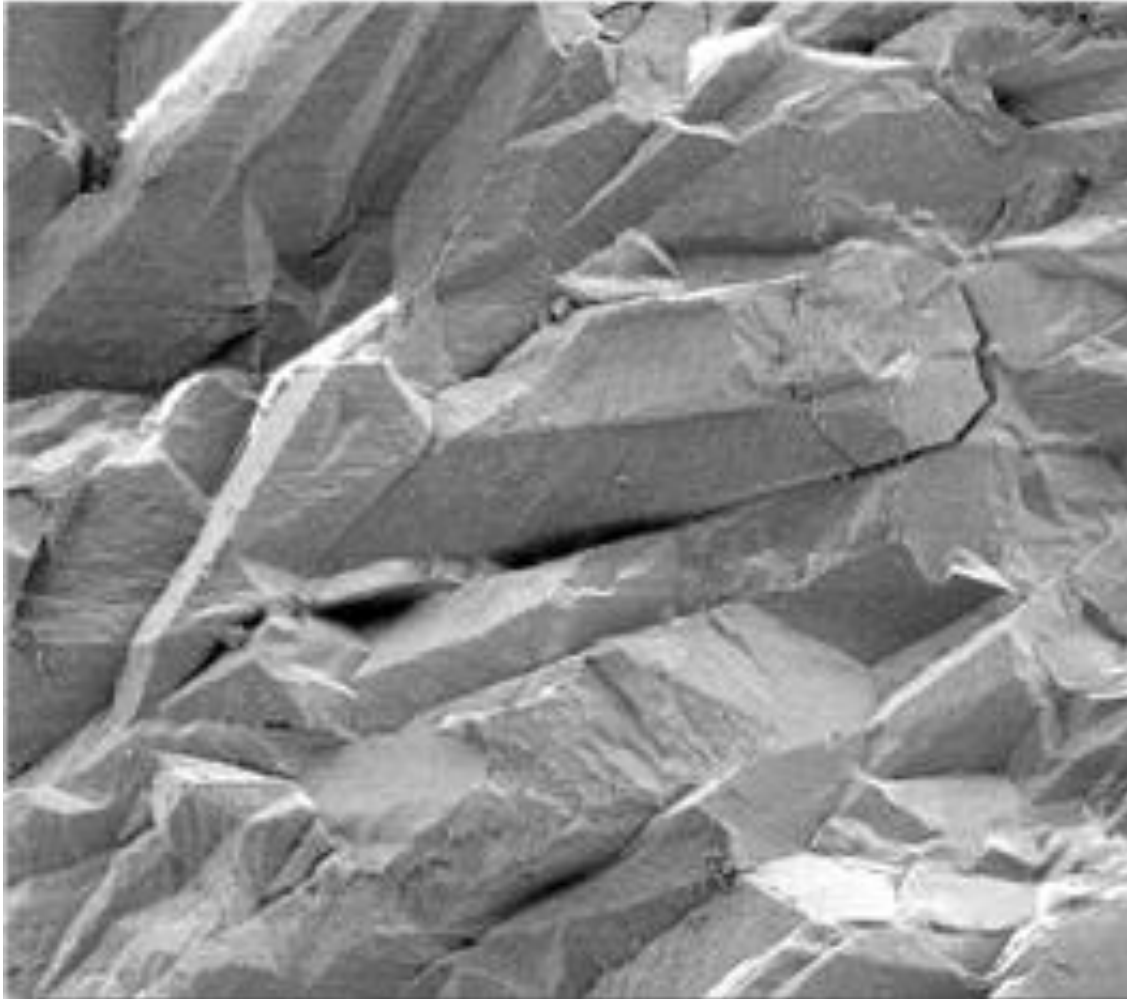
Reduced water need up to 50%

CODED

for improved plant vitality



MORE THAN LIMESTONE



MICRONIZED

3–10 μm

PRIMORDIAL MATTER

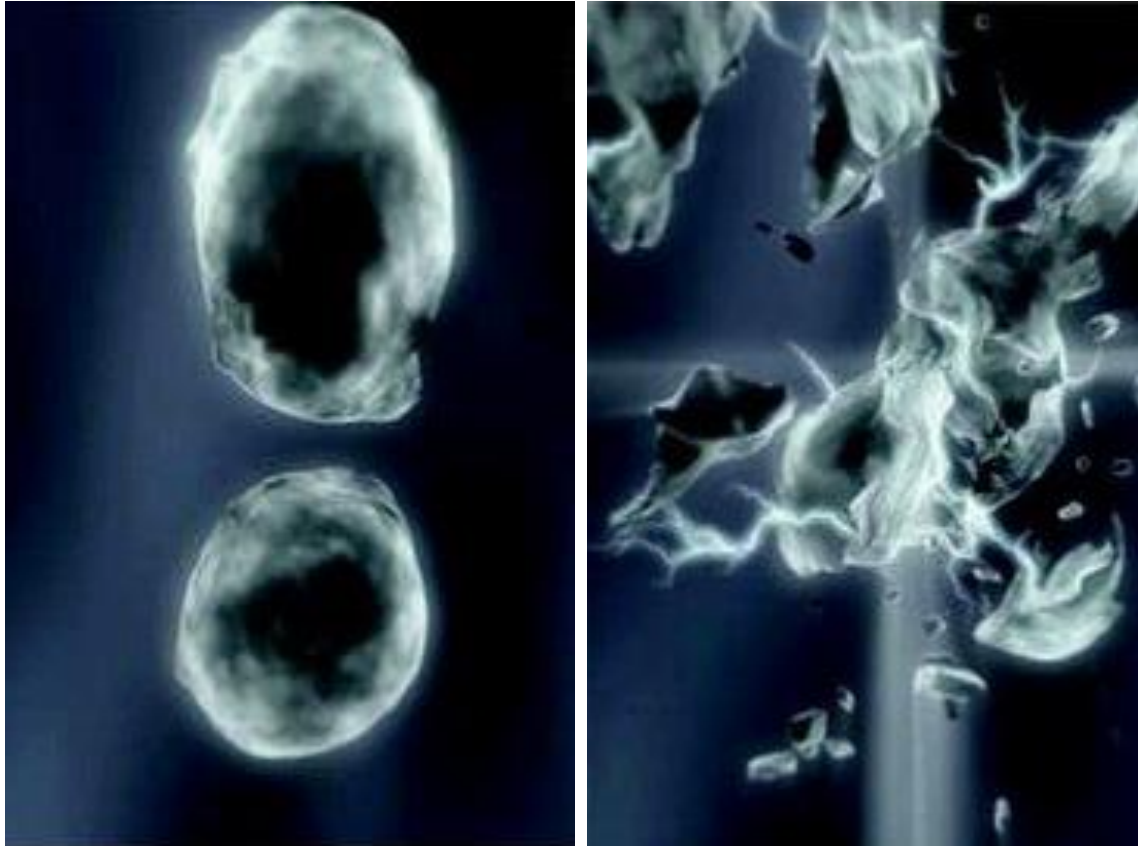
Unlimited shelf life

COMPOSITION

- CaCO_3 : minimum 82%
- SiO_2 : minimum 8%
- MgO : minimum 3%
- Iron, manganese, selenium (trace amounts)



ACTIVATION TECHNOLOGY



COLLISIONS

Rapid and dynamic (3000/s)

MICRONISATION

Expanded particle surface (300%)

EFFECT

Increased bioavailability

Improved absorption of essential trace elements

RESULT

Enhanced plant immunity

Boosted crop yield and quality

APPLICATION METHODS TABACCO



FOLIAR APPLICATION

- Standard spraying equipment
- No protective clothing required
- 4 applications per crop cycle
- 2kg KEY11235/1.000 litres water

**KEY112
35** 4kg/ha/growing season
= 134,40 € (VAT excl.)



FERTIGATION

- Continuous application
- 40g/1.000 litres irrigation water
- Standard fertigation system

FOLIAR APPLICATION TEST ON TABACCO 2025



TOBACCO GROWER

Bart Jonckheere & Regine Feryn

Wijtschate, Belgium

&

AGRASOUL

Katia Welvaert

Beernem, Belgium

FLOATING TOBACCO SEEDLINGS



SET UP

- 27/02/2025: 6000 Semois seeds (dark air cured)
- Styrofoam trays with growing soil
- Trays in a large water basin

TREATMENT

- 1/04/2025: first spraying
- Twice a week
- 2g/litre water

Picture 14/04/2025



READY FOR TRANSPLANTING



Young tobacco plants, ten weeks old

Picture 9/05/2025

READY FOR TRANSPLANTING



Visual confirmation of enhanced root development

Picture 9/05/2025

TRANSPLANTING INTO THE FIELD



Picture 9/05/2025

SPRAY SCHEDULE OF FIELD TEST



- 1st 03.06.2025
- 2nd 18.06.2025
- 3rd 01.07.2025
- 4th 18.07.2025

Picture 18/06/2025



KEY 112
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Picture 3/07/2025





KEY 112
35

Picture 3/07/2025



24 cm



+ 50%

37 cm



+ 19%



KEY 112
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Picture 4/08/2025

**Harvest-ready
Semois plants**

After 4 treatments



Picture 4/08/2025





0,700 kg



1,090 kg
+ 56%



Total leaf weight
per plant

Picture 4/08/2025



112
35

NATURE'S SOLUTION TO HIGHER YIELDS

*With special thanks to Bart and Regine,
Belgian tobacco farmers, for their
enthusiasm and dedication during this trial,
their help with the measurements, and for
sharing the photos taken on their tobacco
farm.*

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