

Thijs De Langhe 18/9/2025

DCM Headquarters

De Ceuster Meststoffen N.V. Bannerlaan 79

2280 Grobbendonk

Belgium

www.dcm-info.com



Core Numbers





+225

Employees



+€90mio

Turnover 2023



+45

Years of experience in professional high-quality products



6

DCM branches in Belgium, the Netherlands, France, Germany, Austria and the USA

Various partnerships with distributors

DCM Headquarters & Production Facilities, since 1976





MINIGRAN®
Innovation





2009-2011

1st and 2nd high -rise building

Capacity:

25.868 pallets

2013

2nd MINIGRAN® tower





2019

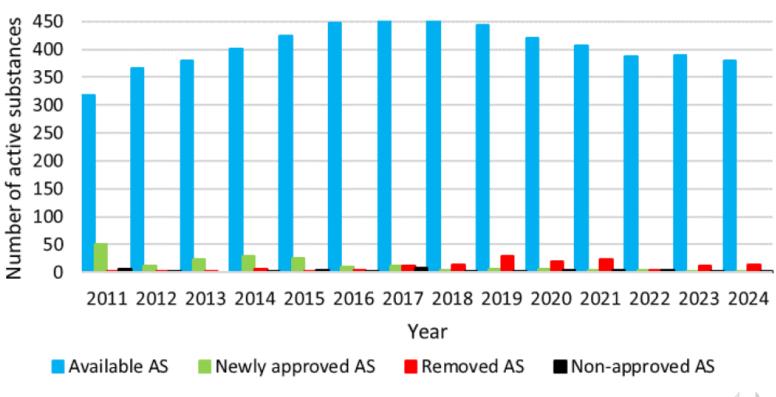
GroupDC NZE building

New production hall liquid fertilisers

IMPORTANT CHALLENGE IN STRAWBERRY: LESS PESTICIDES



Availability of active substances





RESILIENT GROWING AS A PART OF THE SOLUTION



An undefined definition:

"Resilient growing is a methodology which is aimed at creating optimal conditions for a healthy plant. Providing the plant with a surplus of energy to give it the means to protect itself from external factors. By making a plant more resilient from within, it is better protected by abiotic and biotic stressors"

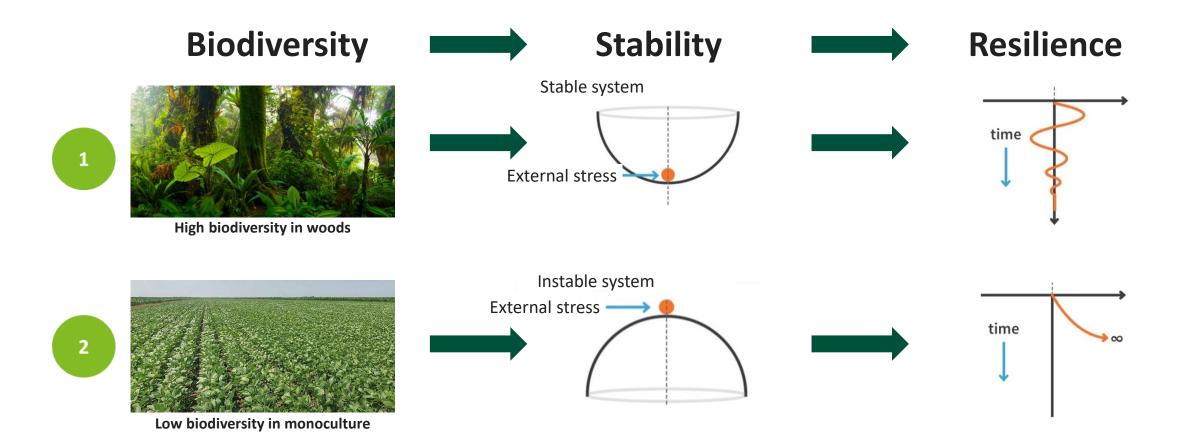
Free interpretation of this definition:

To invest in a healthy basis for a stronger and fitter crop

RESILIENT GROWING



Microbiology and fertilization: stability in an ecosystem



SOIL RESILIENCE



Microbiology and fertilization: stability of a soil ecosystem

Microbiology Soil improvers **Biostimulants**









Soil

Biodiversity





Soil stability

Direct soil life stimulation

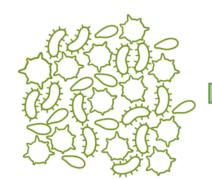
- Actively add biostimulants













Indirect soil life stimulation

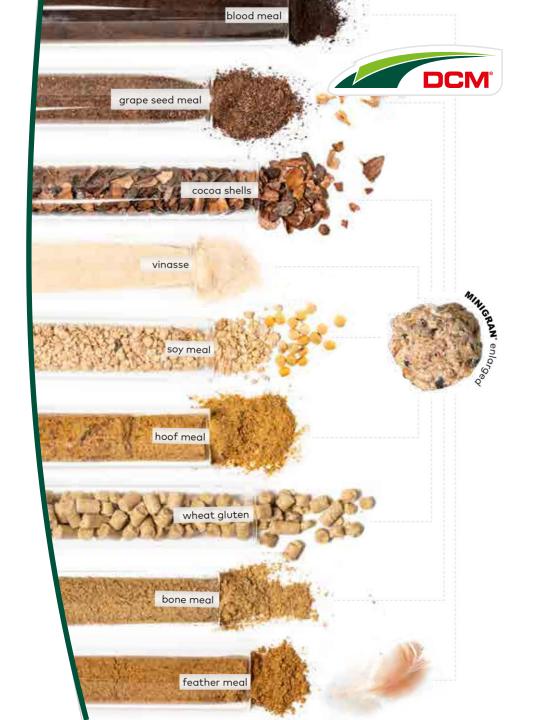
- Organic fertilizers feed the soil life
- Increase in existing soil life

MINIGRAN TECHNOLOGY

+30 MINIGRAN® technology for our fertilisers: up to 30 different natural ingredients in one single granule



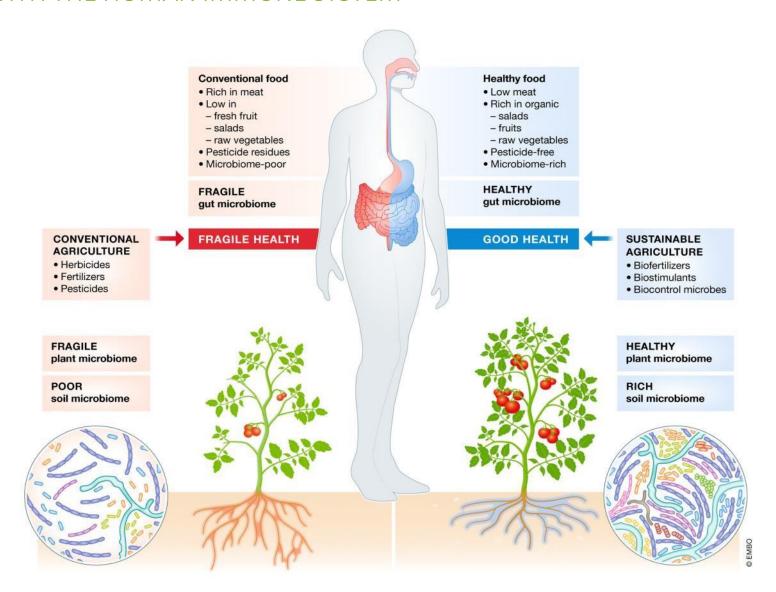
Each granule contains exactly the same amount of nutrients for a homogeneous result



RESILIENT GROWING

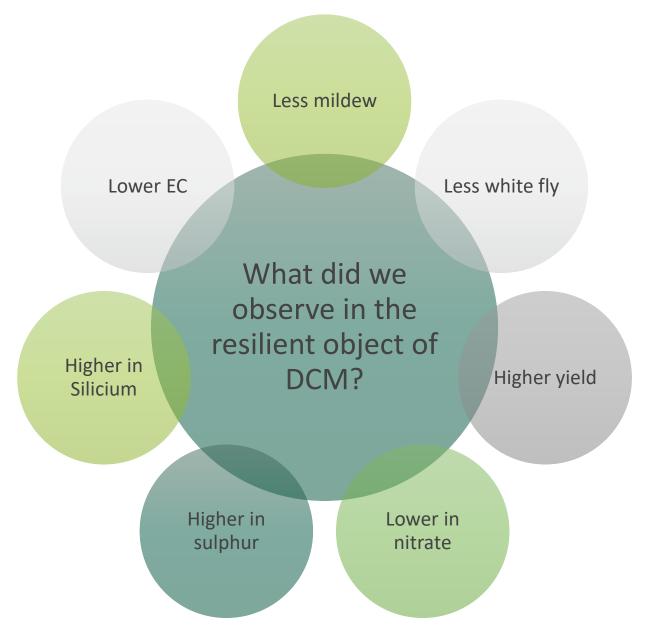


A PARALLEL WITH THE HUMAN IMMUNE SYSTEM



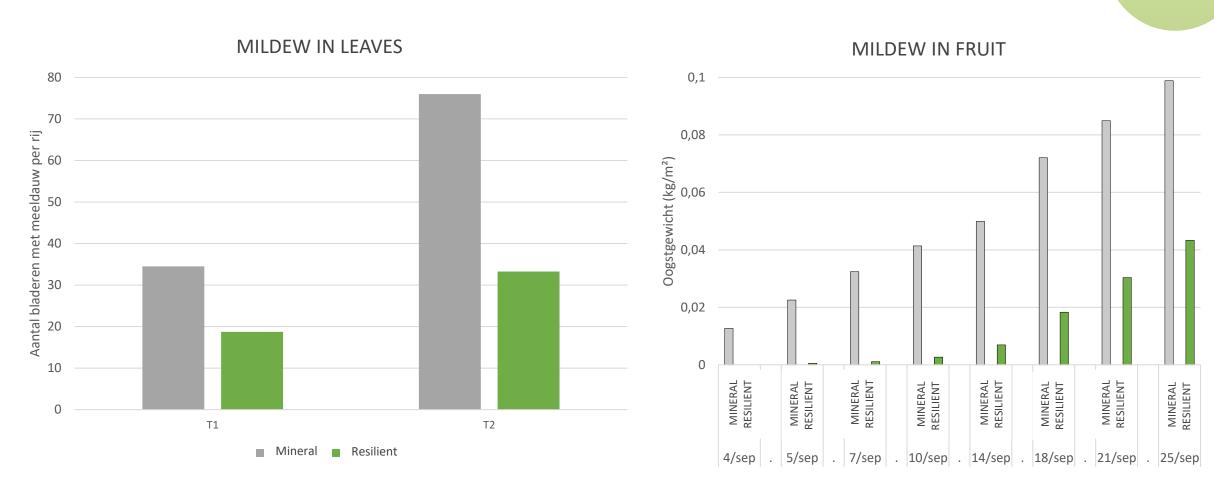


WHAT WAS ACHIEVED WITH THESE TRIALS?





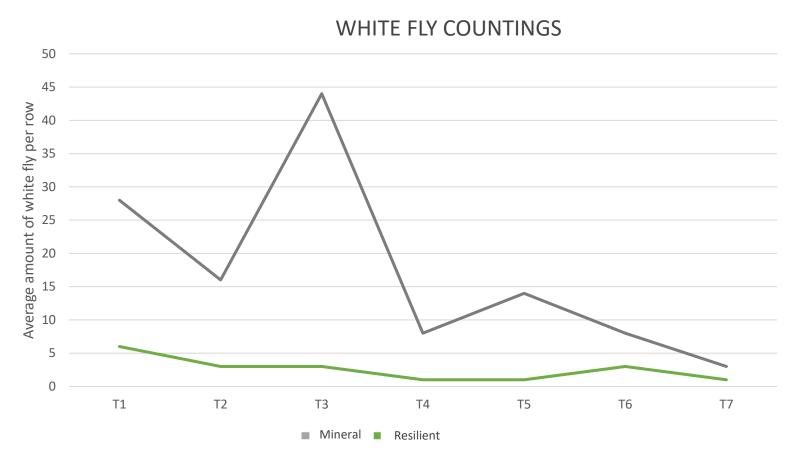




 Conclusion: On average <u>2x less</u> mildew on the leaves and <u>4x less</u> mildew on the fruits with resilient DCM object compared to standard mineral



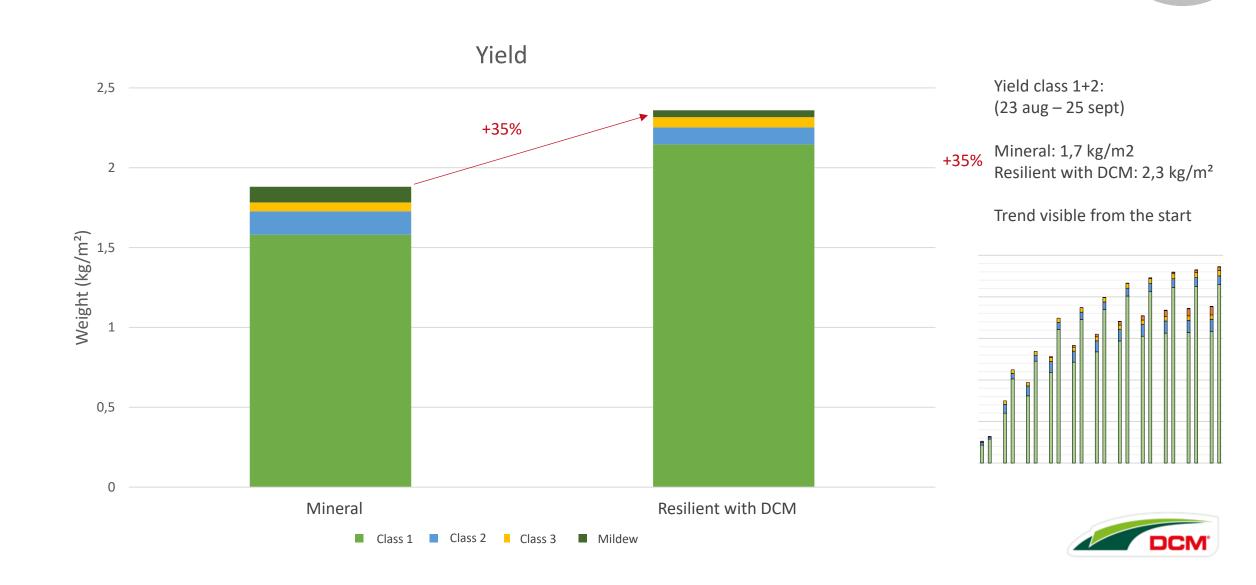
WHITE FLY



 Conclusion: On average <u>4x less</u> white fly in resilient DCM object compared to standard mineral

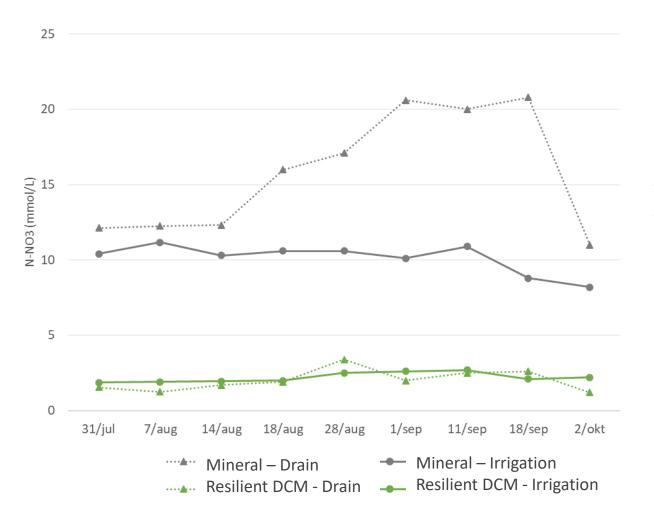


CUMULATIVE YIELD



NITRATE PROGRESSION

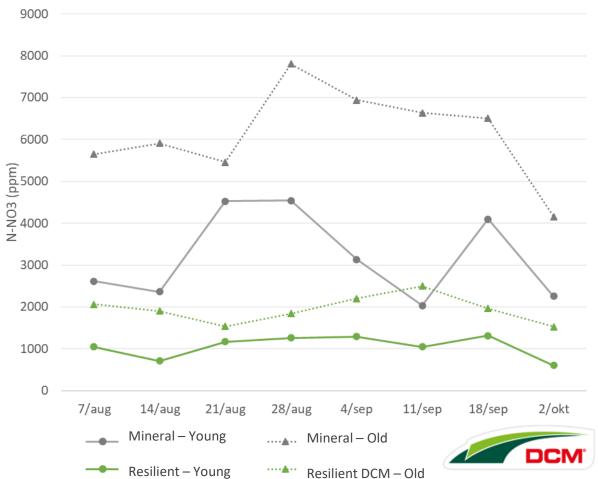
ANALYSIS OF IRRIGATION AND DRAIN WATER



NITRATE	Irrigation	Drain	Young leaf	Old leaf
	mmol/L	mmol/L	ppm	ppm
Mineral	10,1	15,8	2942	6133
Resilient DCM	2,2	2,0	1029	1828

Lower in nitrate

LEAF SAP ANALYSIS





TAKE-HOME MESSAGE

- Less pesticides is a challenge for the strawberry grower
- Resilient growing is a way to face these challenges
- Biodiversity below and above ground/substrate plays a crucial role in this resilience
- Commercial growers are shifting towards a more resilient strawberry crop





THANK YOU FOR YOUR ATTENTION!

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