

A photograph of two hands, one above the other, holding a small amount of dark, rich soil. The hands are positioned over a vast, brown, textured field that stretches to the horizon under a clear sky. The lighting is warm, suggesting late afternoon or early morning. The overall image conveys a sense of care for the land and sustainable agriculture.

Sustainable solutions for nitrogen management

Dr. Barbara Navé

BASF SE – Functional Crop Care, Soil Management



We create chemistry

BASF perspective on Nitrogen/N-use:

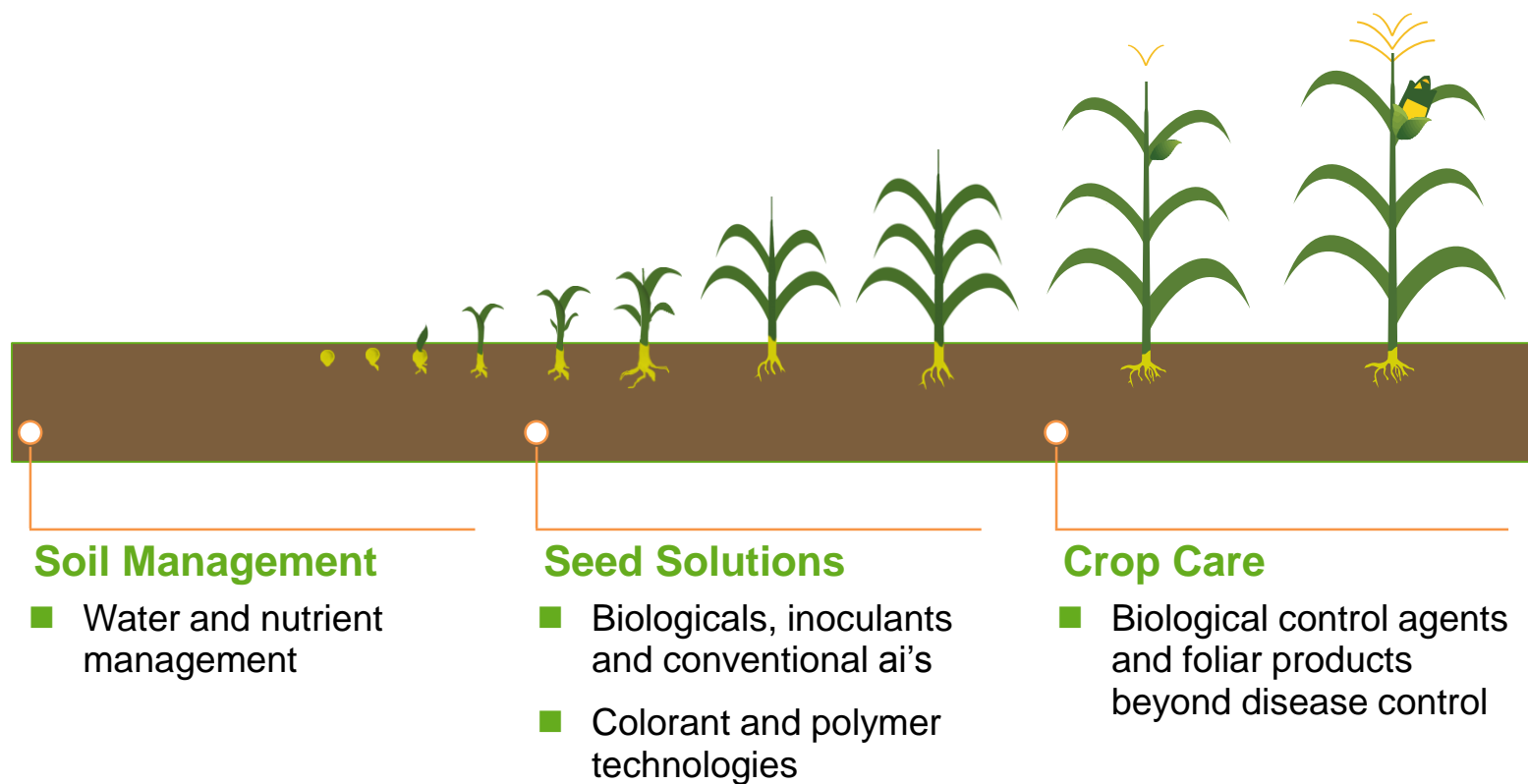
- One of the most important issues in agriculture, environment and society
- Varied issues in different regions
- No silver bullet
- Need for dedicated and detailed advice on local level
- Political landscape/perception of users still needs change

BASF Functional Crop Care

Solutions through the cropping cycle beyond crop protection

150 years

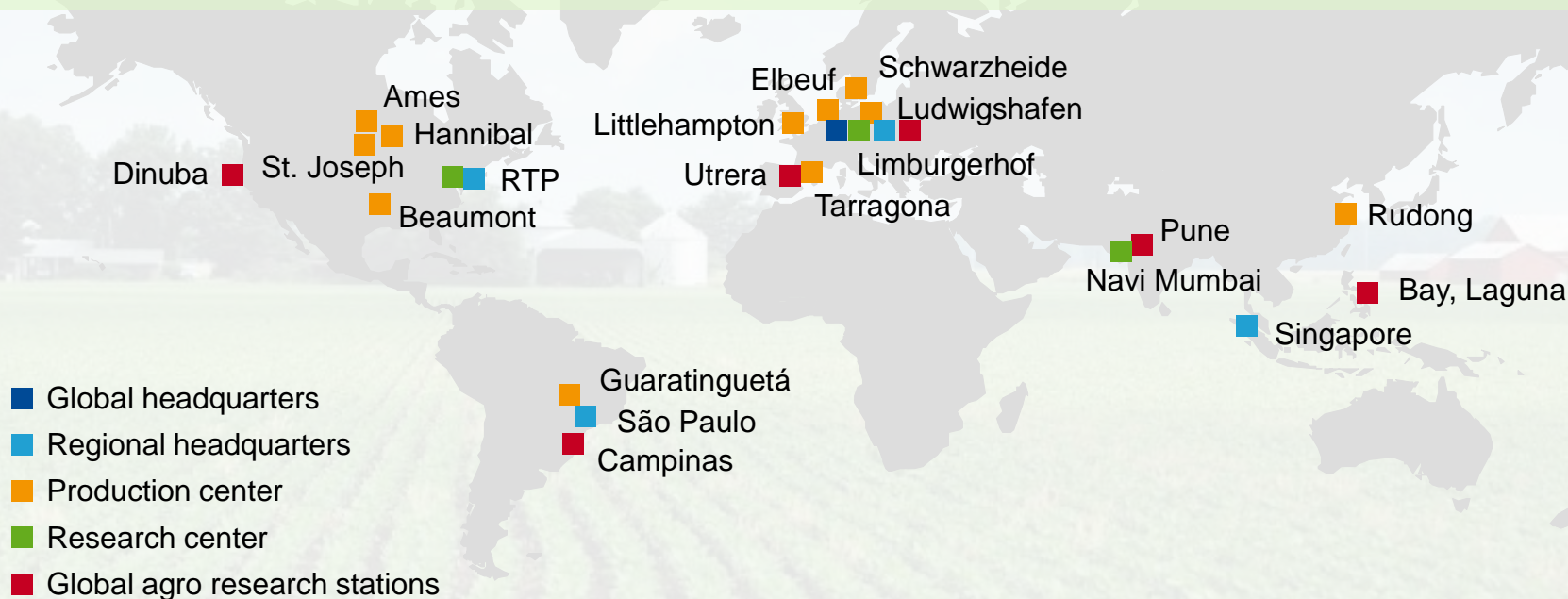
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Harnessing innovation in chemistry and biology to unlock potential in soil, seed and crop

What we bring to the INMS effort:

- Global field trial locations (Canada to Australia) → make data available
- Provide soil solution products to researchers within this project at no cost
- Global organisation reaches out to farmers + other stakeholders in key regions
- Support community interactions (farmers, scientists, regulators, FVC)



150 years

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Some thoughts on N: know the parameters!



150 years

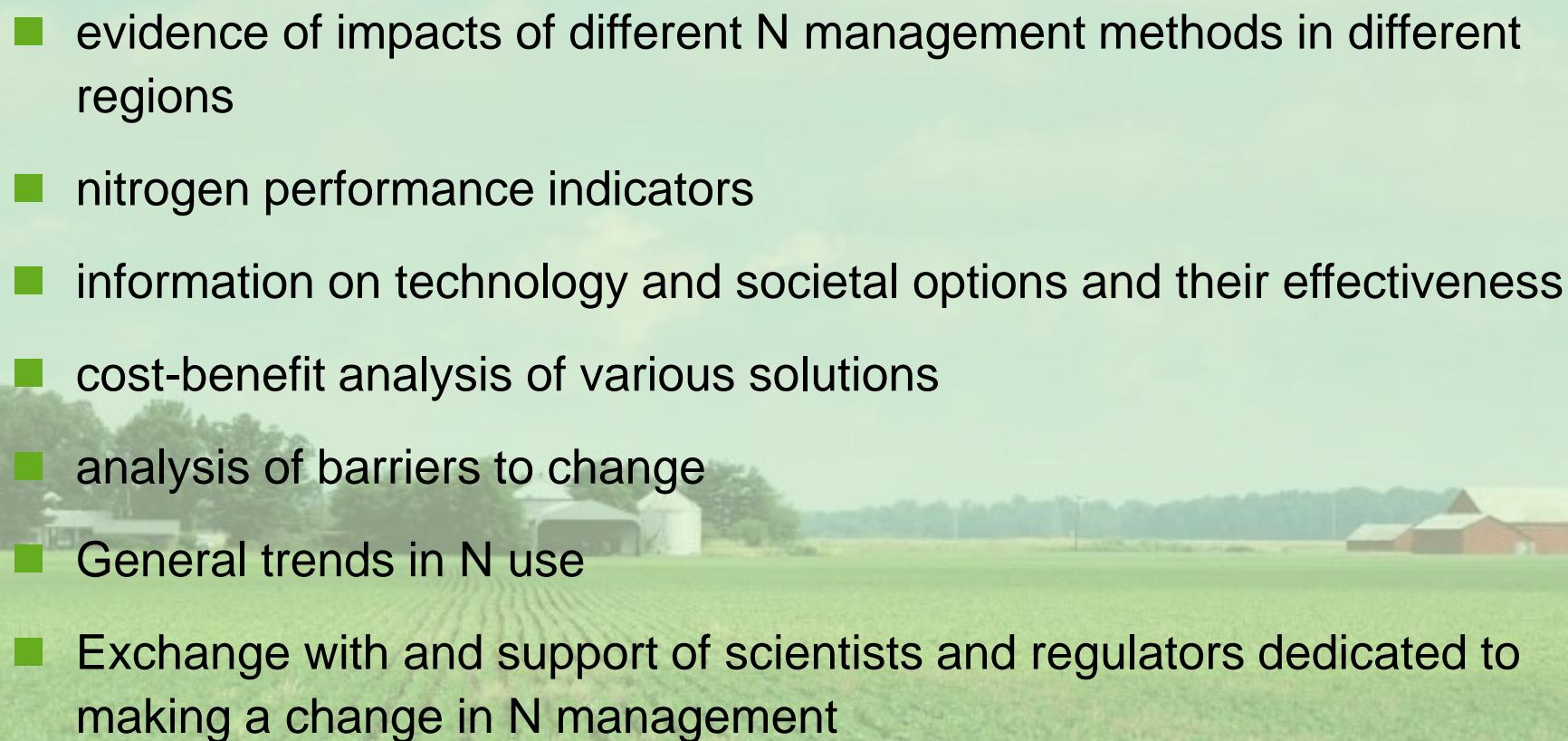
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Some thoughts on N: more is not better!



Optimal combination of products allows optimal use of N while reducing losses!

What we expect from the INMS:

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- evidence of impacts of different N management methods in different regions
 - nitrogen performance indicators
 - information on technology and societal options and their effectiveness
 - cost-benefit analysis of various solutions
 - analysis of barriers to change
 - General trends in N use
 - Exchange with and support of scientists and regulators dedicated to making a change in N management



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