Sustainable Plant Nutrition at BASF
A Key Pillar of our Approach to Sustainable Agriculture

IFA High Level Forum on Sustainable Plant Nutrition

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BASF’s segments

Chemicals
Petrochemicals
Intermediates

Materials
Performance Materials
Monomers

Industrial Solutions
Dispersions & Pigments
Performance Chemicals

Surface Technologies
Catalysts
Coatings
Construction Chemicals*

Nutrition & Care
Nutrition & Health
Care Chemicals

Agricultural Solutions

* We are considering the possibility of merging our construction chemicals business with a strong partner, as well as the option of divesting this business. The outcome of this review is open. The Construction Chemicals division will be reported under the Surface Technologies segment until signing of a transaction agreement.
Key trends in agriculture worldwide

Population growth
10 billion population to feed by 2050
Food consumption
50% agriculture productivity increase required

Limited natural resources
- Limited expansion of agricultural land
- Low productivity in different crops across the globe
- Climate change impact

Dietary changes
- High demand for calories and protein rich diet
- Strong increase in soy production required

Political & regulatory challenges
- Political intent to reduce food dependency, reinforced by international trade conflict
- Increasing regulatory restrictions

Agriculture has to transform to feed a growing population and overcome new challenges such as climate change, trade conflicts and limited resources.

Focusing on driving the future of Sustainable Farming
Full integration of Sustainability in everything we do
Nitrogen Management at BASF
A Triple Win for Farmers, Society and Industry

- **Farmer**
  - Return on Investment 2-5 : 1
  - Simplified farm management
  - Prepared for future regulatory requirements

- **Society**
  - Better air and water quality
  - Reduced climate impact
  - Improved biodiversity

- **Industry**
  - Innovation
  - Differentiation
  - Prepared for future regulatory requirements

We create chemistry