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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 <small>Petrochemicals Intermediates</small>	Materials <small>Performance Materials Monomers</small>	Industrial Solutions <small>Dispersions & Pigments Performance Chemicals</small>	Surface Technologies <small>Catalysts Coatings Construction Chemicals*</small>	Nutrition & Care <small>Nutrition & Health Care Chemicals</small>	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.



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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



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Focusing on driving the future of Sustainable Farming

Full integration of Sustainability in everything we do



Economic



Environmental



Social



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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

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