

Cautionary note regarding forward-looking statements

This presentation contains forward-looking statements. These statements are based on current estimates and projections of the Board of Executive Directors and currently available information. Forward-looking statements are not guarantees of the future developments and results outlined therein. These are dependent on a number of factors; they involve various risks and uncertainties; and they are based on assumptions that may not prove to be accurate. Such risk factors include those discussed in Opportunities and Risks on pages 123 to 130 of the BASF Report 2018. BASF does not assume any obligation to update the forward-looking statements contained in this presentation above and beyond the legal requirements.



Crop protection remains an attractive and significant contributor to value creation in agriculture



Global challenges and opportunities

Macro

- Growing population
- Growing middle class
- Limited arable land

Consumer

- Growing demand for healthy, sustainable food
- Digitalization of agriculture

Environment

- Climate change
- Increasing weed and pest pressure
- Increasing resistance

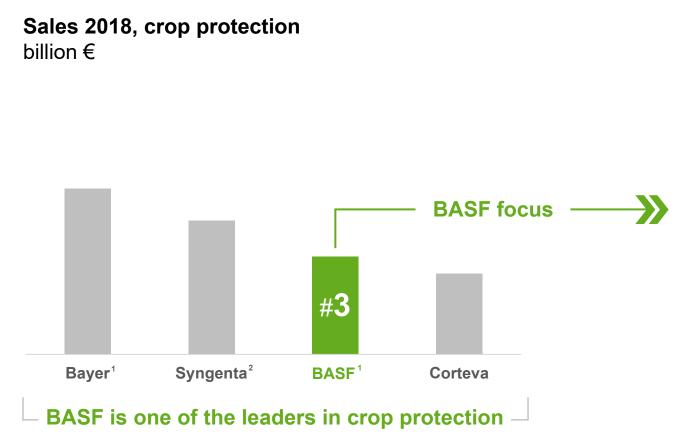
Crop protection contribution

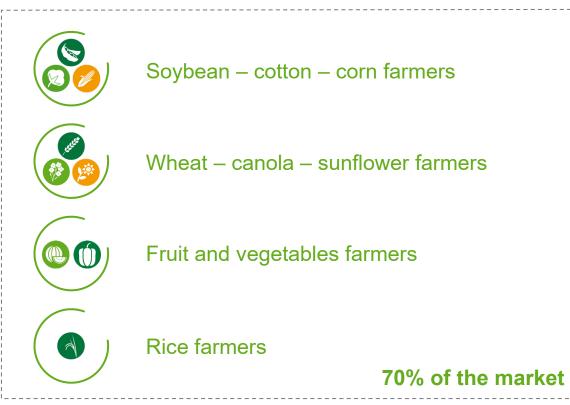
- Safeguard yield
- Maintain crop quality
- Efficient use of land
- Effective compounds with sustainable regulatory profiles
- Digital business innovations
- Products ready for digital agriculture
- Risk management
- Control of yield limiting diseases, weeds and pests



Market size 2030¹

BASF is a top player in the crop protection market and will drive investments and future growth in selected crop systems







¹ Proforma sales; BASF Agricultural Solutions: legacy plus acquired business (FY) based on internal estimates ² Part of ChemChina

A strong pipeline growing even stronger



Main characteristics of BASF's innovation pipeline in crop protection

- Excellent fit with crop systems
- Transformative innovation across platforms enabled by addition of digital and seeds & traits
- Balanced innovation portfolio across all indications
- Consistent investment in BASF's insecticides pipeline is paying off
- A leading seed treatment portfolio
- Strong and well-rooted innovation engine supported by successful acquisitions from 2000 onwards
- BASF's know-how Verbund is an excellent platform for successful innovation integration



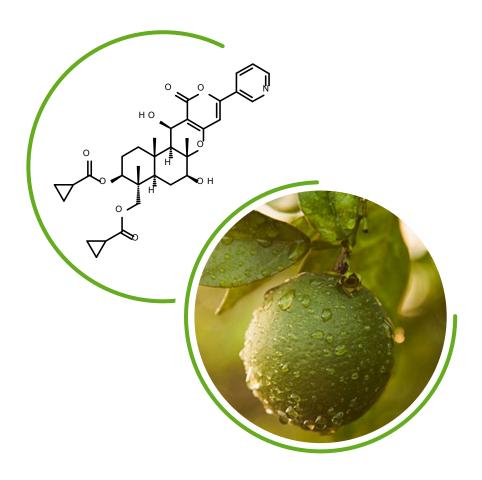
Innovation will secure our strong global position – >€4 billion peak sales contribution from crop protection¹

Soybean Revys		Tirexor®		
ROMA		THEXOL	•	•
		Pavecto [®]	•	•
Cotton	lis [®]	Broflanilide	•	
Corn		Two in development		
Com		Pavecto [®] seed treatment		
		Teraxxa TM		
	I@	Luximo [®] , Tirexor [®]		
Wheat	Revysol®	Pavecto®	•	
Canola		Broflanilide		
O and the same of	Relenya™	One in development		
Reien		Pavecto [®] seed treatment		
		Teraxxa [™] Tirexor®		
Revys	ool®	Pavecto®		
Fruit and		Broflanilide		
vegetables	lis [®]	One in development	•	•
vegetables		Pavecto® seed treatment		
		Teraxxa™		
Provis	sia TM herbicide	Luximo®		•
Revys	sol®			
Rice	lis [®]	One in development		
		· ·		

Herbicide Fungicide Insecticide Seed treatment



Inscalis® insecticide – new insecticide based on fermentation with favorable environmental profile



New tool for resistance management

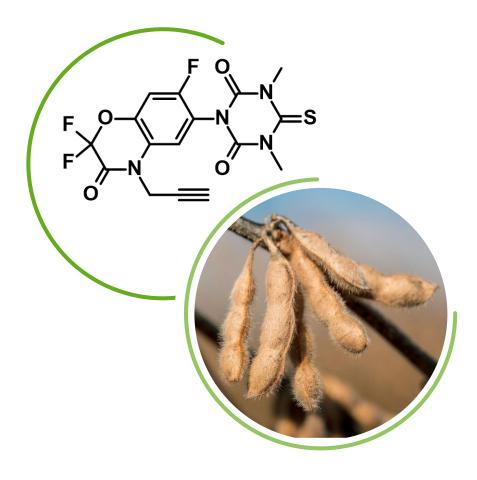
- High efficacy at low rates, long residual
- Quick onset of insect feeding cessation leading to reduced virus transmission
- New chemical class, unique mode of action
- Favorable environmental profile with low toxicity to pollinators and beneficial arthropods
- Piercing-sucking pest spectrum
- Wide range of crops



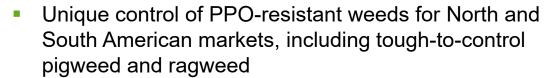


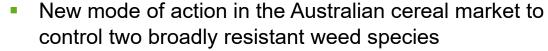


Tirexor® herbicide – adding grass control to PPO inhibitors, delivering excellent broad-spectrum control in burndown



A new tool to control resistant weeds based on PPO inhibition





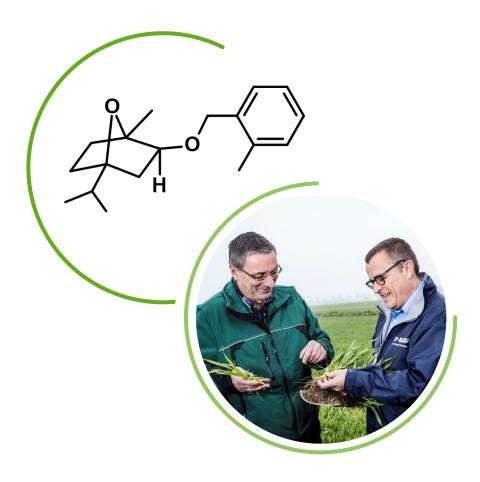
- Potent mixture partner in burndown and residual applications, fast-acting: foliar effects can occur in as little as one day
- Wide array of crops
- Dossiers submitted in the U.S., Canada, Mexico, Australia
- First market launch expected in Australia 2020, other countries from 2022



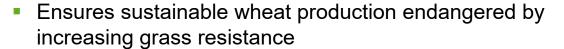


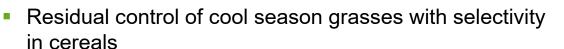


Luximo[®] herbicide – a much needed new tool from BASF for grass control in cereals



Novel mode of action against grass weeds



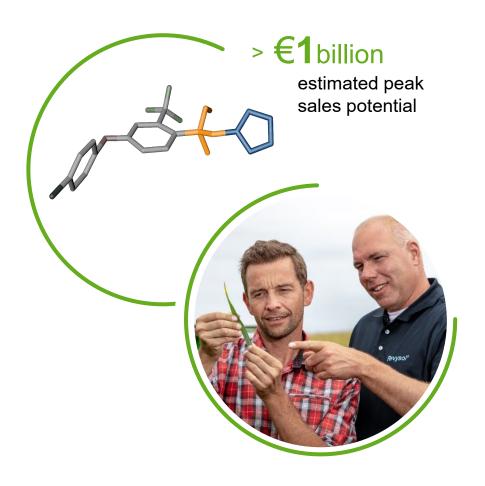


- Consistently matches or outperforms market standards solo and in mixtures
- Novel mode of action for resistance management
- Dossiers submitted in EU28 and Australia
- First market launch of Luximo[®] expected in Australia in 2020





Revysol® fungicide – the new azole benchmark



Strong foundation for increasing farm profitability and optimizing farm management

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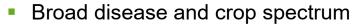


 Molecular design leading to top performance: release properties from inner-leaf reservoir provides a long-lasting protection



 Formulations tailored to maximize outstanding and quick action with strong curative efficacy











Revysol® fungicide – an azole in a class of its own



Excellent regulatory profile as a result of BASF's Sustainable Solution Steering

- Sustainability as a key development parameter already in the discovery phase
- ~1,000 times higher target specificity (enzyme inhibition in fungi versus vertebrate cells) – setting a new standard for azoles
- Satisfies highest approval standards within its group of active ingredients
- Passes state-of-the-art endocrine disruptor criteria











BASF – Finding the right balance for success

BASF will maintain leading position in crop protection with focused innovation

Agricultural industry benchmark for regulatory excellence

based on sound science and expertise

Crop protection connected with

seeds and digital for even stronger customer focus





We create chemistry