



Bayer CropScience



**Your partner for growth**



# Bayer CropScience

## **A New Market Leader Takes Shape**

**Goldman Sachs Annual Ag Forum**

**February 27th, 2003**

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Member of the Board of Management

Bayer CropScience AG

# Disclaimer: Forward-Looking Statements

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This presentation may contain forward-looking statements based on current assumptions and forecasts made by Bayer Group management.

Various known and unknown risks, uncertainties and other factors could lead to substantial differences between the actual future results, financial situation, development or performance of the company and the estimates given here.

These factors include those discussed in our public reports filed with the Frankfurt Stock Exchange and with the U.S. Securities and Exchange Commission (including our Form 20-F).

The company accepts no obligation to continue to report or update these forward-looking statements or adjust them to future events or developments.

# A New Market Leader Takes Shape

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## ① Formation of Bayer CropScience

- **Milestones**
- **Integration & Divestments**
- **Business Development Q1 - Q3 2002**

## ② A Successful Future Market Leader

- Goals
- Strong Market Position in All Segments
- Rich Development Pipeline
- Critical Success Factors
- Company Aspirations

# A New Market Leader Takes Shape

## Milestones Formation Bayer CropScience

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Oct 2, 2001	Signing of purchase agreement for the acquisition of Aventis CropScience
Apr 17, 2002	EU approval
May 30, 2002	FTC approval
June 3, 2002	Closing
June 4, 2002	Day One Bayer CropScience
Oct 1, 2002	Legal Entity Bayer CropScience AG fully operational
Nov 4, 2002	Finalization of divestment process and submission to authorities

# Integration and Divestment Status

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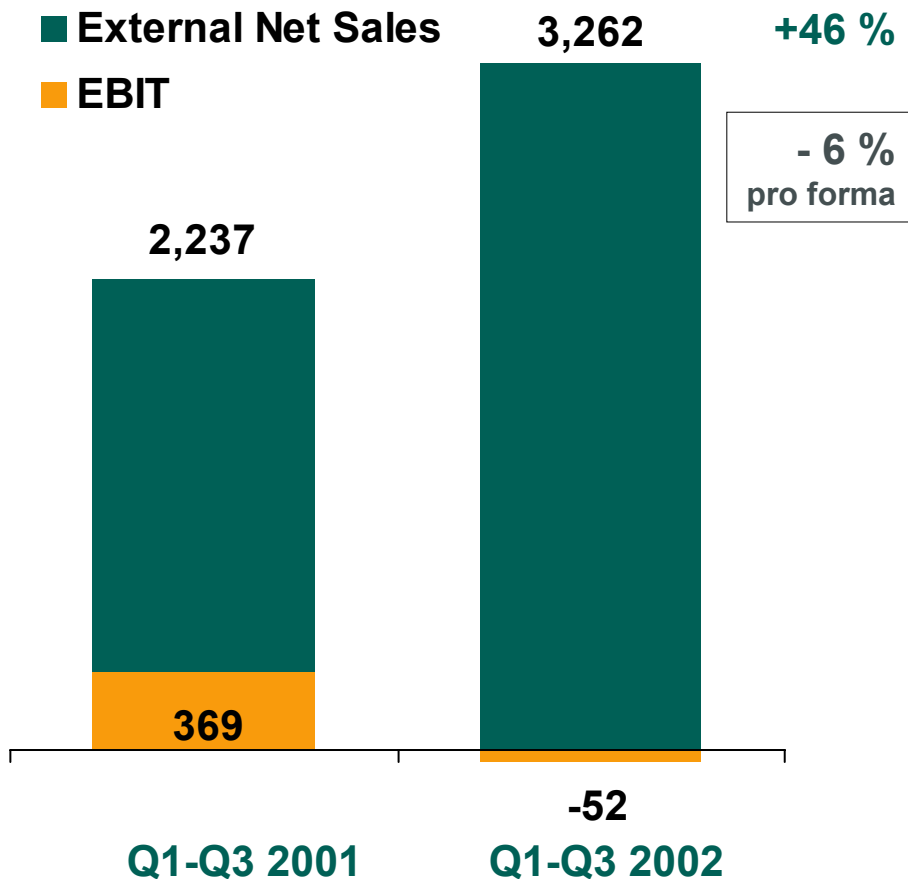
- One Face to the Customer
  - Year end 2002: 90 % of countries
  - Q2 2003: complete
  
- Implementation of integration now completely in line function
  
- Divestment process on track
  - All contracts signed (31 agreements)
  - Successful submission to trade commissions within the restricted timelines
  - Value of divested products pending approval: € 1,700 million; Multiple of 2.4
  - 7 contracts closed, 4 approved, rest pending approval\*
  - Expected completion within Q1 2003

\* status as of January 2003

# Business Development Q1 - Q3 2002

(in million €)

## Maintained market share despite intensive integration process



### Sales

- Pro forma sales development in line with overall market reduction

### EBIT (major factors)

- Brazil, Argentina -60  
(Bad debt / channel inventory reduction)
- Goodwill from ACS acquisition\* -329
- Acquisition / Integration / Carve-out / Restructuring/ Synergies -80

\* impact of preliminary Purchase Accounting including step-up inventory



# Business Development 2002 - Key Factors

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- North America ↘ - Drought conditions in Midwest / Canadian Plains and downward price pressure affects Herbicides sales negatively  
- US distributors adjust inventory
- Latin America ↓ - Strong devaluation due to economic and political instability
- West Europe → - Downward price pressure on distributors  
- Growth in Fungicide market
- North East Asia → - Increasing competitive pressure in East Asia  
- Further reduction in Japanese rice area
- International ↘ - Severe drought in key countries India and Australia



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# A New Market Leader Takes Shape

## Growth Target

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**Goal:** Growth Target of 4 % p.a.

- Net Sales\* 2001 € 6.5 billion
- Net Sales\* 2002E € 6.0 billion
- Net Sales Target 2006 € 7.0 billion

**Assumption:** Expected market growth of 2 % p.a.

How do we get there?

- Strong market position in all segments allows over-proportional growth participation
- Best-in-class pipeline allows further market share increase

\* pro forma - continued business excluding divestments

# A New Market Leader Takes Shape

## Profitability Target

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Goal:                    29% EBITDA in 2006

How do we get there?

- Realization of growth targets
- Fast realization of synergies of € 570 million related to one-time restructuring costs of total € 550 million
- Increase of operating margins through portfolio optimization and migration to new products

# What Are the Future Risks?

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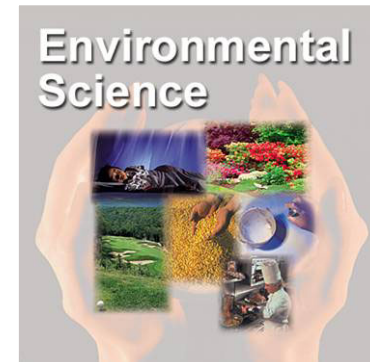
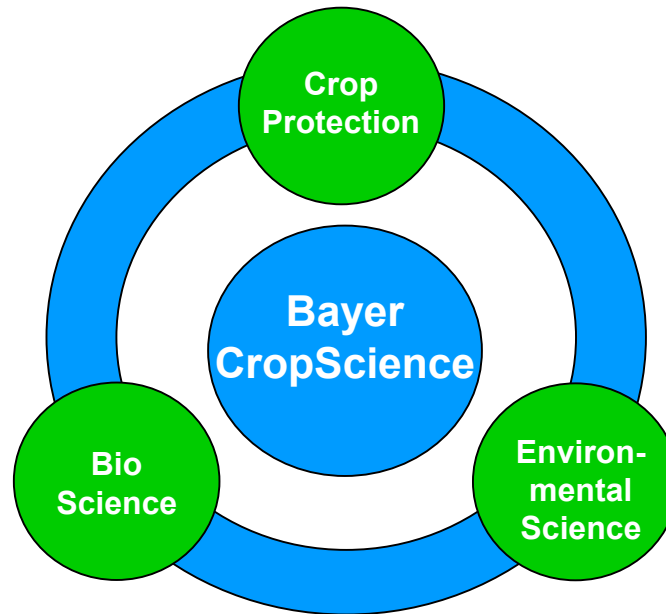
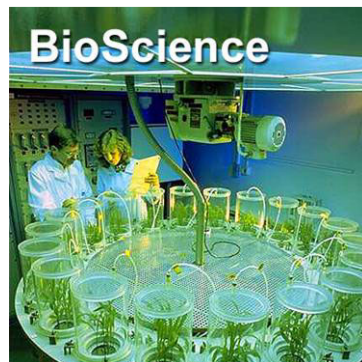
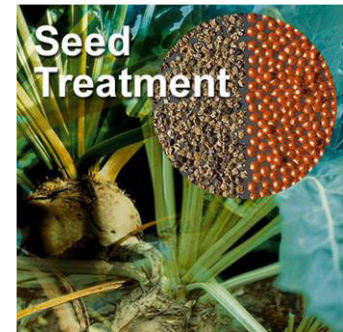
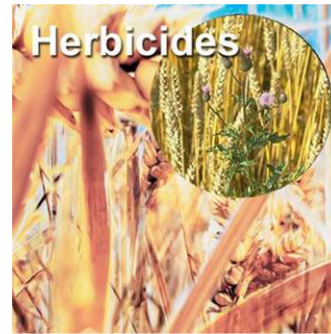
## □ Market Environment

- Further market deterioration in Latin America
- Impact of generic producers
- No sustained upturn for agricultural commodity prices

## □ Political and Regulatory Environment

- Higher registration and re-registration hurdles
- Increased political pressure on agrochemicals
- Public acceptance of Biotechnology still low

# Different Business Segments to Address Specific Market Needs



# Crop Protection Insecticides - Strengthen Leadership

## Key Figures 2001 \*

- Turnover € 1.6 bn
- Market share 20 %
- Market rank 1

## Strategy

- Expand neonicotinoid business with introduction of Calypso
- Grow Leadership in pyrethroid market focusing on Decis and Bulldock
- Defend “classics” portfolio
- Rapidly introduce three new pipeline products

\* pro forma excluding divested products



## Top Products 2001

- Confidor *Imidacloprid*
- Temik *Aldicarb*
- Decis *Deltamethrin*



# Crop Protection Seed Treatment - Consolidate Leading Position

## Key Figures 2001 \*

- Turnover € 0.4 bn
- Market share 39 %
- Market rank 1

## Strategy

- Expand neonicotinoid insecticidal seed treatment business through launch of new products based on Chlothianidin (Poncho) in cereals, corn, sugar beet and OSR/canola
- Launch new fungicidal seed treatment products (Bariton, Redigo, Scenic) in cereals
- Expand Gaucho business



## Top Products 2001

- Gaucho *Imidacloprid*
- Raxil *Tebuconazole*
- Premis *Triticonazole*

\* pro forma excluding divested products



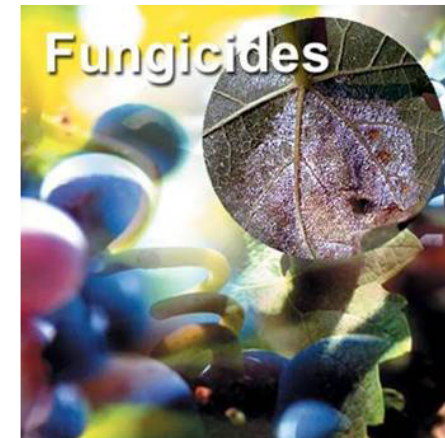
# Crop Protection Fungicides - Growth Strategy

## Key Figures 2001 \*

- Turnover € 1.4 bn
- Market share 22 %
- Market rank 2

## Strategy

- Above average growth through Flint and new products
- Exploit full potential of other products through effective life cycle management
- Utilise full potential of best-in-class portfolio through tailor made offerings and mixtures for all significant markets



## Top Products 2001

- Folicur / Raxil *Tebuconazole*
- Flint / Stratego *Trifloxistrobin*
- Aliette *Fosetyl*
- Rovral *Iprodione*

\* pro forma excluding divested products





# Crop Protection Herbicides - Profitable Growth

## Key Figures 2001 \*

- Turnover € 2.0 bn
- Market share 15 %
- Market rank 3

## Strategy

- Grow market position in corn through key products Balance, Foramsulfuron, Axiom, Mikado and Liberty
- Extend leading position in cereals through launch of Mesosulfuron and Attribute
- Continued development of the Glufosinate business in both selective and GMO-crops (corn, cotton, canola)



## Top Products 2001:

- |                   |                      |
|-------------------|----------------------|
| • Puma            | <i>Fenoxaprop</i>    |
| • Balance         | <i>Isoxaflutole</i>  |
| • Basta / Liberty | <i>Glufosinate</i>   |
| • Buctril         | <i>Bromoxynil</i>    |
| • Betanal         | <i>PMP/DMP/Etho.</i> |
| • Sencor          | <i>Metribuzin</i>    |

\* pro forma excluding divested products

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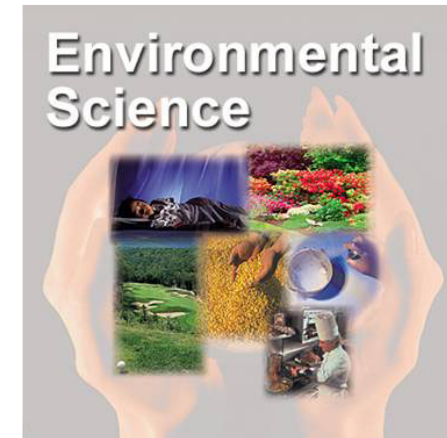


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# Environmental Science - Leader in the Non Agricultural Markets

## Key Figures 2001 \*

- Turnover: € 0.8 bn
- Market share 24 %
- Market rank 1



## Strategy

- Grow Bayer Advanced Lawn & Garden market in the US through partnership
- Expand user and environmental friendly product range
- Maintain top position in Professional markets

## Top Products / Brands 2001

- Premise, Merit *Imidacloprid*
- Maxforce *Fipronil*
- Tempo, Kothrine *Cyfluthrin, Deltamethrin*
- Chipco 26 GT *Iprodione*
- Bayer Advanced & Bayer Garden

\* pro forma excluding divested products



# BioScience - Expand in Growing Biotechnology

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- A separate business group, focusing upon the research, development and commercialization of products derived from biotechnology and seeds
- A € 0.2 billion business operating globally with a significant investment in R&D in germplasm and traits primarily in
  - Nunza, a stand alone conventional vegetable seed business
  - 5 crop sectors  
(Corn, Cotton, Canola, Rice & Vegetables)
  - 5 technology areas  
(Crop Protection, Crop Yield, Reproductive Biology, Stress Tolerance & Carbohydrate Modification)
- A complementary business to the conventional crop protection

# BioScience - Expand in Growing Biotechnology

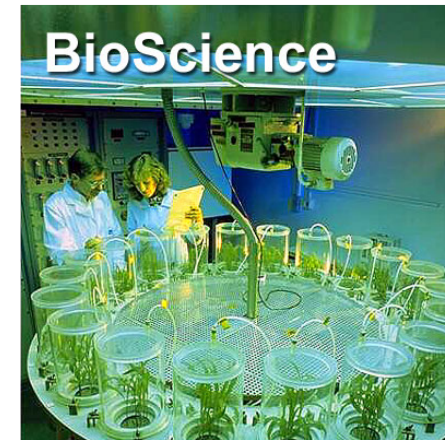
## Key Figures 2001 \*

Turnover: € 0.2 bn

## Strategy

- Continue with profitable seed business Nunza
- Convert existing IP estate into a sustainable revenue stream (herbicide tolerance & insect resistance)
- Continued growth in cotton, rice and vegetable businesses integrating in-house technologies
- Build upon canola and corn seed market share in North America introducing new traits into the crop

\* pro forma



## Key Brands / Technology 2001

- Nunza: Sunseeds, Nunhems
- Liberty Link, Seed Link
- Bt technology
- FiberMax



# Rich Development Pipeline Boosts Future Growth

Thiacloprid  
(Calypso®)

Foramsulfuron  
(MaisTer®)

Ethiprole  
(Curbix®)

Fluoxastrobin  
(Fandango®)

Picobenzamid

Fenamidone  
(Fenomen®)

Mesosulfuron  
(Atlantis®)

Clothianidin  
(Poncho®)

Prothioconazole  
(Proline®)

Spiromesifen  
(Oberon®)

Fentrazamide  
(Innova®)

Methoxyfenozide  
(Runner®)

Spirodiclofen  
(Envidor®)

**Goal: 2 - 3  
new compounds  
per year**

Propoxycarbazone  
(Attribut®)

2001

2002

2003

2004

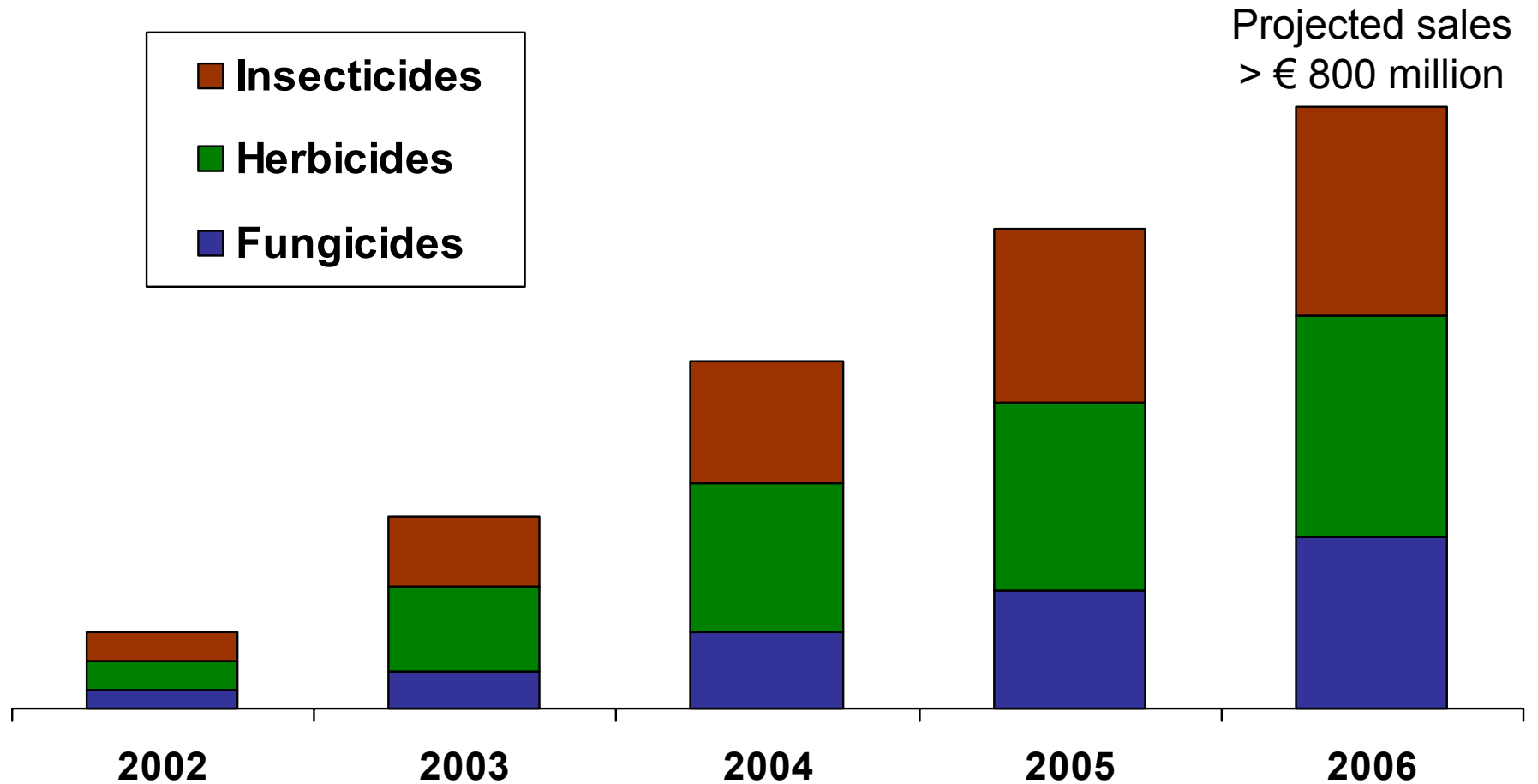
2005

Fungicides Herbicides Insecticides



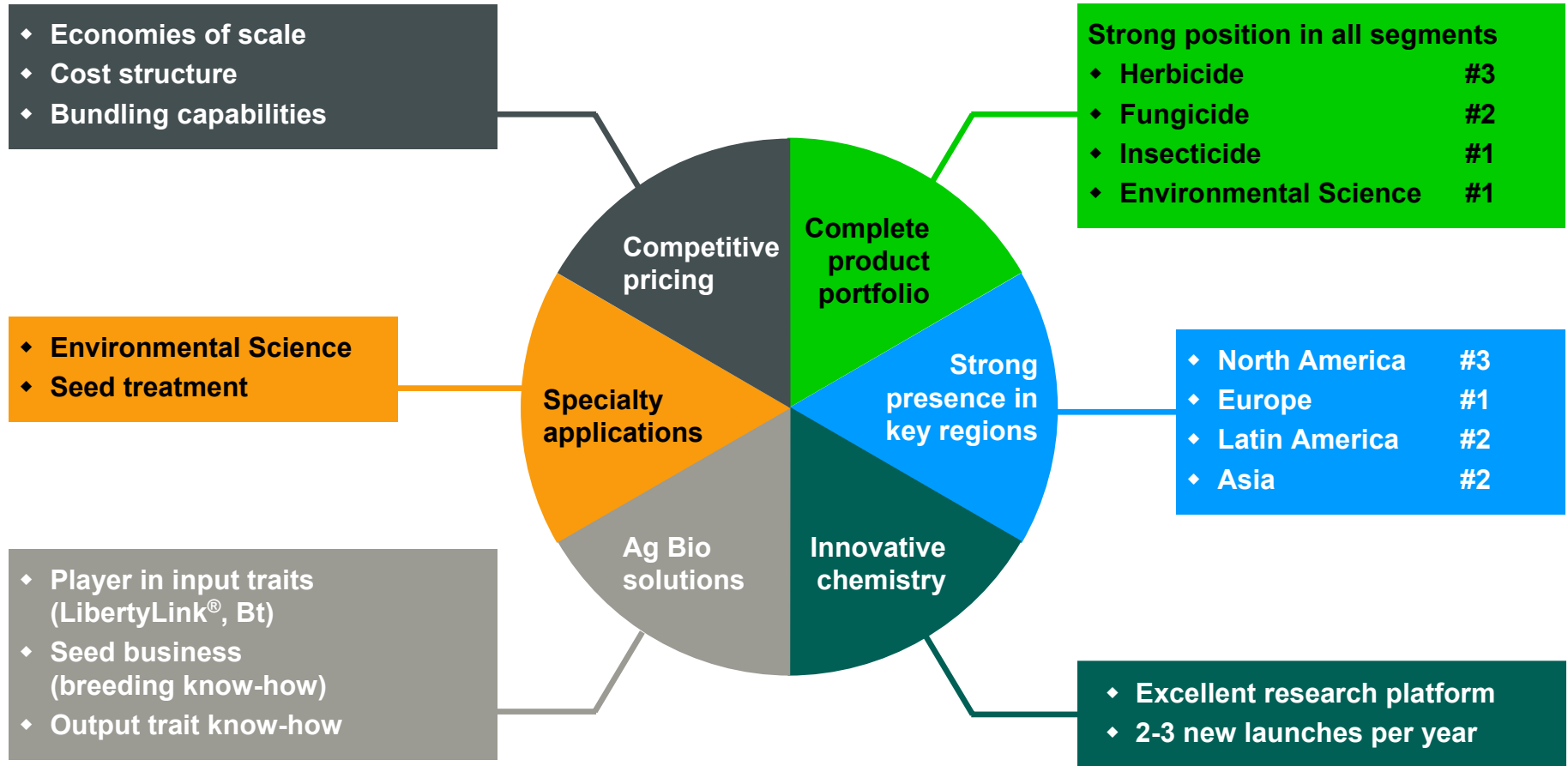
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# Rich Development Pipeline Boosts Future Growth



# Bayer CropScience

## Matching the Critical Success Factors



# Bayer CropScience Company Aspirations

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We will be the global leading provider of innovative products and integrated solutions for agriculture and environmental health



## Customer

We are committed to providing our customers with economic and efficient tailor-made solutions and services

## Employees

We are committed to providing our employees with a working environment based on integrity, trust and teamwork, fostering individual talents, encouraging entrepreneurship in order to build together our own company culture

## Shareholder

We are committed to being a profitable and predictable company, growing our business above our markets. In the medium-term, our goal is to achieve 29% EBITDA at an annual sales growth rate of 4%

## External Stakeholders

We are committed to communicating openly with our external Stakeholders and to contributing actively to the health and well-being of our communities and the environment





# A New Market Leader Takes Shape

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A successful future market leader: Starting from a strong basis ...

- ➔ Leader in conventional Crop Protection
- ➔ Leader in Environmental Science
- ➔ Emerging player in BioScience
- ➔ Rich development pipeline

... to reach its ambitious growth and profitability targets !





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