



Development of adding value solutions for the crop chain

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syngenta®

Why Upstream?

- ✓ Security ✓ Quality ✓ Convenience ✓ Best and exclusive portfolio.

Support certified seeds adoption

More food
Less waste



**Make crops
more efficient**

Increase average productivity of the world's major crops by 20% without using more land, water or inputs

More biodiversity
Less degradation



**Rescue
more
farmland**

Improve the fertility of 10 million hectares of farmland on the brink of degradation

**Help
biodiversity
flourish**

Enhance biodiversity on 5 million hectares of farmland

More health
Less poverty



**Empower
smallholders**

Reach 20 million smallholders and enable them to increase productivity by 50%

**Help people
stay safe**

Train 20 million farm workers on labor safety, especially in developing countries

**Look after
every worker**

Strive for fair labor conditions throughout our entire supply chain network



Industrial Seed Treatment (IST) main benefits

Quality

- The product application occurs in high technological machines that guarantee higher accuracy in the rate applied and a uniform distribution on the seed. Also it is done frequent tests to follow the seed treatment process guaranteeing a great final result in the production.

Convenience

- With the Industrial Seed Treatment no people dedication, time or money to the application on farm is required, because it all comes treated. Besides, super efficient polymers are used to guarantee high adherence of the product on the seed surface and that the product detachment happens in the right time.

Security

- The Industrial Seed Treatment process counts with a dedicated team of specialists, regulated operation, totally in compliance with labor, environmental and agrochemicals legislation, exempting farm workers from the contact with the product.

Value

- Win-win for the value chain: more profit, differentiation and protection (biotechnology) for the Key Accounts and the best products, and adjacent technologies convenience and assured application quality for the Growers. Expertise from the Seedcare Institute to support and guarantee great services.



Support, innovation and services



Audit in training sites

Technical Training

Formulation development

Technical trials

Physiological and treatment
quality evaluation

Adjacent technologies

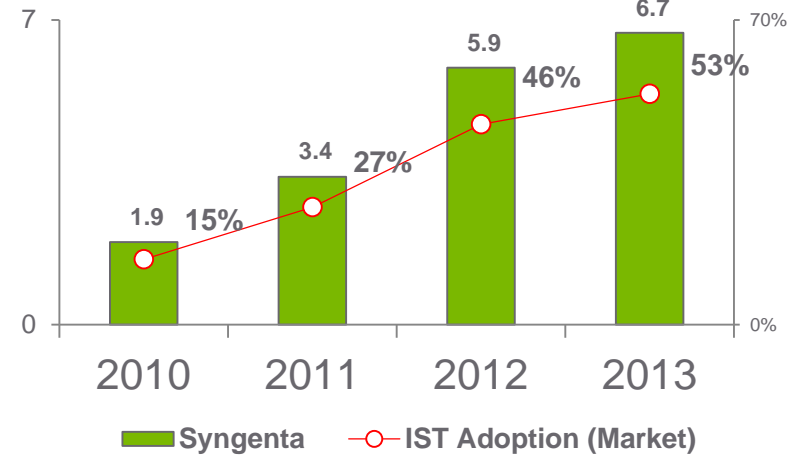
Customized solutions



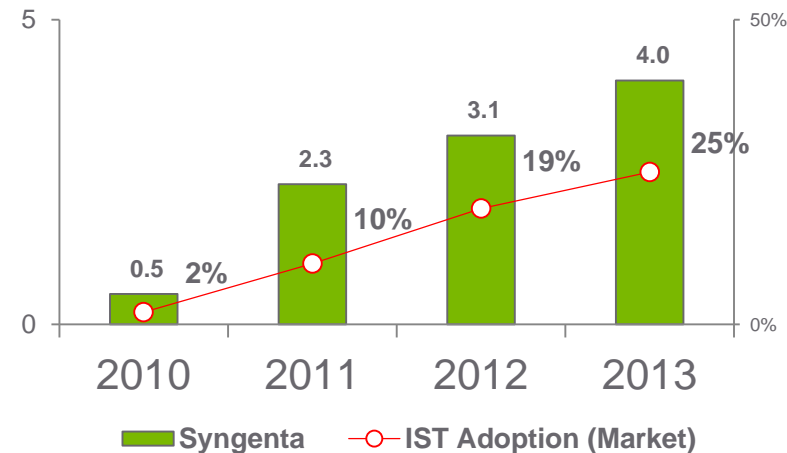
Syngenta shaping the Seed Treatment market from down to upstream.



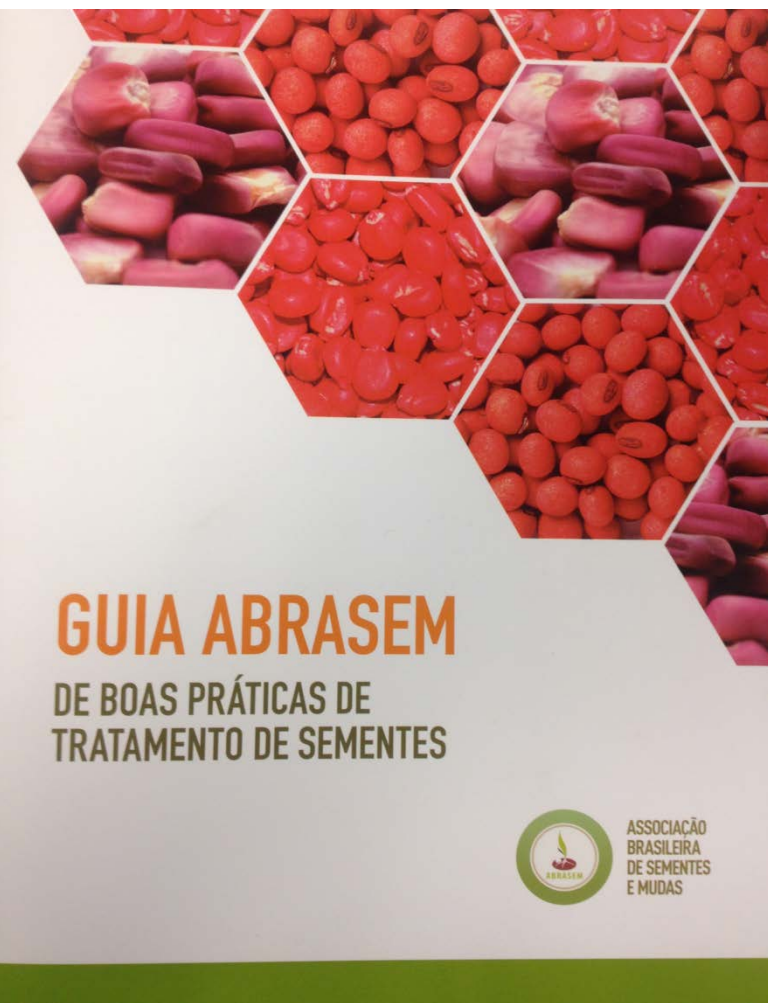
Corn Bags treated with IST



Soy Bags treated with IST



ABRASEM Seed Treatment Good Practices Manual



Released this year and supported by Syngenta, ABRASEM launched the new Seed Treatment Good Practices Manual, pointing that upstream is the best way to go.



Bringing plant potential to life

