



Seed services

Technical services
available globally

SynTech[®]
Research

www.syntechresearch.com

Seed services

SynTech Research is a leading contract research company delivering conventional and biotechnology seed/trait research, providing product development and regulatory services. These are provided to the agricultural, biotechnology and food industries, government bodies and agricultural commodity suppliers, on a global basis.

Our team

Staffed by highly trained, technically-competent scientists and managers. SynTech's staff are trained to follow all policies and procedures for stewardship of crop-specific requirements according to USDA-APHIS and/or local bio-safety and government regulations.

Services

Technical teams, experienced in variety development, evaluate both conventional and genetically modified (GMO) breeding lines, providing:

- Crop variety evaluation
- Trait development
- Abiotic stress testing
- Drought stress testing
- Nitrogen use efficacy testing
- Biofuel variety testing
- Seed treatment testing
- Silage variety testing
- Protein expression

Crops covered include:

- | | |
|----------------|----------------|
| • Corn | • Oilseed rape |
| • Soybeans | • Sunflower |
| • Cotton | • Sugarcane |
| • Cereal crops | • Vegetables |
| • Rice | |

Evaluations are performed in mini-strip and macro plots, PDA demonstration and maturity plots, and characterization trials. These include threshing, sorting, treating and packaging harvested seeds into field trial-ready condition.



Drought tolerance capabilities

SynTech Research has a range of sites in North America, Central and South America, and in Europe for drought tolerance trials. Our drip tape irrigation systems allow our active water management: continuous flow, timed at specific phases of development, at planting (underground) or after planting (above ground).

Drought tolerance trial locations:

USA

- California (Sanger, Visalia and Davis)
- Arizona (Maricopa)
- Kansas (West Central)

Mexico

- Los Mochis

South America

Chile

- IX Region
- VI Region

Europe

Spain

- Albacete
- Seville



Silage variety testing capabilities

SynTech Research conducts corn silage trials at multiple locations in the US – four in New York and one in Pennsylvania.

Experienced agronomists manage the process of collecting and processing samples needed for digestibility, palatability or nutrient content testing.



Locations

SynTech Research has biotech seeds/traits laboratory, greenhouse, and field study capabilities worldwide.

USA

Trials on conventional and GMO lines in California, Iowa, Illinois, New York, Pennsylvania, Arizona, Alabama and Kansas.

Europe

Our team based in France performs variety evaluation and efficacy trials, from sowing to harvest.

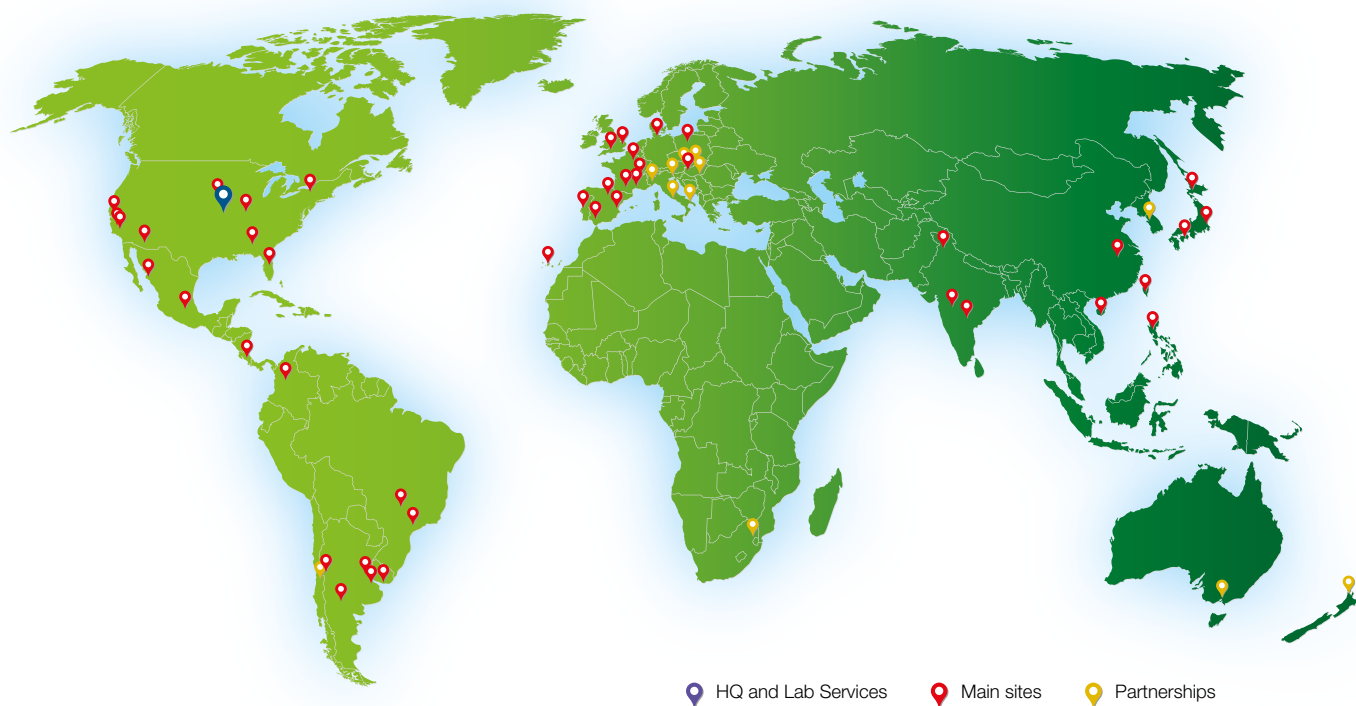
GMO crop trials in Spain.

Latin America

Sites for testing conventional and GMO lines in Mexico, Argentina, Costa Rica, Chile and Brazil (2014).

Asia

Sites for testing conventional and GMO lines in the Philippines, India and China.



The SynTech network of testing facilities in 29 countries in the Americas, Europe and Asia, many with multiple locations or satellite facilities, ensure coverage of all key crops and targets. The provision of locations in both hemispheres allows testing of crop lines year-round, considerably reducing development timescales.



For further information visit
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SynTech
Research

Expert services delivering
competitive advantage