

SESSION OVERVIEW

Plenary sessions

- Monday: Opening keynote addresses
- Tuesday: Donau Soja session
- Wednesday: Regional soybean reports
- Thursday: Spotlights on policy, societal impacts, sustainable development, and organic farming

Thematic parallel sessions

Breeding, genetics, genomics, and biotechnology

- Soybean pangenome and genetic diversity
- Innovations in breeding technology
- Genomic assisted breeding
- Soybean genome editing
- Germplasm collections and evaluation
- Seed composition
- Breeding for abiotic stress and climate change
- Breeding for biotic stress

Weeds, diseases, pests, and their management

- New and emerging pests and diseases
- Strategies for disease, pest and weed control
- Managing disease, pest and weed resistance
- Advanced tools and sensors for soybean protection

Agronomy, physiology, and agrotechnology

- Yield and seed composition response to environment
- Precision agriculture and yield-gap analysis for resource-use efficiency
- Using data-driven knowledge for profitable crop management
- Soil fertility and plant nutrition
- Soybean rhizosphere and nitrogen fixation
- Seed production and technology

Food, feed, and nutrition

- Functionality of soy foods
- Soy proteins, bioactives and nutrigenomics
- Feed and aquaculture developments
- New uses, non-food uses, and processing

Business and legal

- Policy and the regulatory environment

Workshops

- Soybean for Africa
- Introduction to SoyBase (soybase.org), the Soybean Breeder's Toolbox
- Science For Success: a model program for applied research and extension outputs