



AGRICULTURE AND FOOD
DELIVERING VALUE ALONG
THE SUPPLY CHAIN

TRUST

ACCURACY

EXPERTISE

SUSTAINABILITY

We help ensure the integrity of the food chain by providing services that cover all aspects of the agricultural industry, helping customers manage crops, enhance seed development, conduct soil testing and harvesting, move product through the global supply chain and manage trade inspection at export and import. Serving all of the major players in the agricultural sector, our services reduce risk, ensure quality and improve productivity.

SGS business benefits:

QUALITY - we certify and verify quality worldwide through our global network

SAFETY - we protect employees, generating consumer confidence and enhancing trust in business operations

REDUCED RISK - we reduce risk and ensure compliance to International Standards

EFFICIENCY - we provide business solutions to make business operations faster, simpler and more efficient

PRODUCTIVITY - we ensure productivity keeps pace with developments in our customers' organisations

SPEED TO MARKET - we help our customers overcome the complex challenges of understanding and meeting market demands

TRUST - we deliver transparent and high quality independent inspection, testing, verification and certification

SUSTAINABILITY - we help our customers ensure compliance, building a more responsible and sustainable future

Our services cover:

- **SEED AND CROP**
- **COMMODITIES**
- **FOOD**
- **FORESTRY**
- **BIOFUELS**



SEED & CROP

EFFICIENCY IN AGRICULTURE FROM INPUT R&D TO HARVESTING

Agricultural production needs continuous innovation to improve the management and sustainability of our natural resources. With demands for efficiency and increasing environmental concerns, expertise in research activities, product development, fertility management, other analytical techniques and farm management practices are crucial for success.

We have developed tailored solutions packages to deliver the best in class service. From precision farming to regulatory affairs and from seed testing to harvest monitoring, we offer independent and accurate studies and results.

FIELD PREPARATION AND FERTILITY MANAGEMENT

- GPS sampling
- Soil / Leaf nutrient testing
- Fertility management
- Soil classification
- Irrigation water testing
- Fertiliser field trials
- Precision farming support
- Fertigation monitoring
- Consulting

SEED

- Seed sampling / Seed testing
- IP traceability / Field audits
- Seed / Variety field trials
- Laboratory research
- ISTA certification
- Seed quarantine
- Training

CROP PROTECTION

- Field trials (R&D, registration, demonstration)
- Residue studies
- Environmental fate / Ecotoxicology
- Product chemistry
- Regulatory affairs / Registration
- Field inspections / Crop scouting

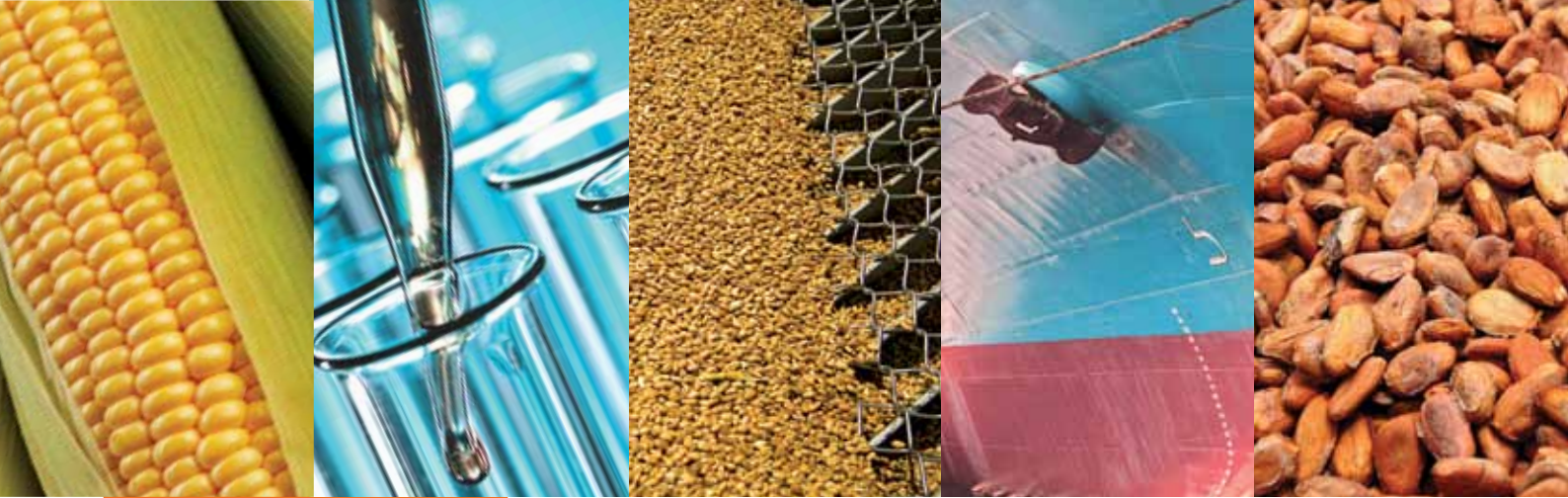
HARVEST

- Yield assessment
- Harvest monitoring
- Quality mapping

SGS CAN ALSO PROVIDE:

- Crop monitoring and barter trade related services
- Market research services
- Farm assessments, audits and certifications (Good Agriculture Practices)
- Brand protection and supply chain integrity solutions
- Project finance / Investment in farmland projects

IN THE PORT



COMMODITIES

ENSURE QUALITY AND QUANTITY

Ensure the quality and the quantity of your commodities with SGS. We control and analyze your products to be sure they meet quality, safety and compliance requirements for all your global destinations. Our services extend to the prevention of insect related damage, safe storage monitoring, logistics support and primary processing activities, all ensuring value is retained and even added where possible through effective testing and selection.

Our qualified experts deliver comprehensive services and cost effective solutions including, sampling, testing, inspection, control and certification of your commodities. We provide a complete suite of solutions at every stage of the value chain, helping you to get agricultural commodities to market more efficiently.

ANALYTICAL SERVICES

For all commodities, we test all main quality parameters including:

- Contaminants
- GMO
- Microbial

- Mycotoxins
- Pesticide residues
- Minerals detection
- Nutritional labeling
- Dioxins
- Amino acids
- Hay and forage testing
- Oilseed fatty acid profile
- Proximate analysis
- Identification

INSPECTION SERVICES

- Cleanliness inspections
- Damage survey
- Draft survey
- On site grading
- Loading and discharge supervision
- Metering services
- Tank calibration
- Inspection for contractual purposes (e.g. FOSFA, GAFTA)
- eCertificates

PEST MANAGEMENT AND FUMIGATION

- Fumigation of stored goods, prior or during shipment,
- Ventilation and gas-free measurement
- Quarantine fumigation of woods product

RISK MANAGEMENT

- Guarantee services
 - Full Outturn Guarantee (FOG) – Guaranteeing the outturn weight of a consignment
 - Comprehensive Cover (CC) – In addition to FOG, also covers marine insurance
 - Full Outturn Quality (FOQ) – For discrepancies in quality between loading and discharge
 - Rejection Guarantee – Possible rejection at destination
 - Customised services
- Stock Monitoring Services

AUDIT AND CERTIFICATION

- RTRS, ISPO, MSPO
- ISCC, REDcert
- Bonsucro, GMP, Non-GMO

MARKET INTELLIGENCE

- Crop quality maps
- Export statistics
- Quality monitoring program
- Screening of undesirable substances
- Customised market research services

IN THE MARKET



FOOD

SOLUTIONS FOR FOOD SAFETY, QUALITY AND SUSTAINABILITY

Our industry expertise and experience delivers efficient services to help safeguard quality and safety throughout the whole food supply chain, from raw and semi-manufactured foodstuffs to final products in all principal food segments. We deliver comprehensive and cost-effective control solutions including audits, testing, inspection, technical solutions and training. These services can be stand alone or part of an integrated package of measures to assist your company in continuously improving the culture of food safety, quality and sustainable development.

We provide a comprehensive food safety control solution combining audits, testing and training with the mindset of continuously improving your systems.

Our tailor made solutions are devised in close co-operation with your organisation. They can include not only all industry sectors but also the increasing focus from clients and consumers on the social, economic and environmental impact of your day-to-day activities.

LOGISTICS, PROCESSORS AND MANUFACTURERS

- Temperature controlled logistics operations
- Raw processing: monitoring of processing, QA outsourcing
- Testing (pesticide and antibiotic residues, pathogenic bacteria, allergens, additives, heavy metals)
- Inspection
- Paper packaging and environmental testing services

RETAIL AND FOOD SERVICES

- Testing services
- Inspection
- Private label audits
- Food safety training
- Mystery shopping

AUDIT AND CERTIFICATION

- ISO 22000, ISO 9001, ISO 14001, ISO 28000, ISO 20000
- MSC, BAP, Friends of the Sea
- BRC, QS, IFS, SQF
- SMETA, SEDEX
- Halal, Non Gluten

BE SUSTAINABLE



FORESTRY & ALTERNATIVE FUELS

ACCESSING SUSTAINABILITY

Sustainable practices are spreading rapidly throughout the agricultural and forestry industries. Due to growing awareness about the climate change, biodiversity losses, the contamination or depletion of water sources, consciousness is increasing about sustainable practices. Consumers of forestry and biofuel products want to understand the economic, environmental and social impact from their production.

FOR THE FORESTRY SUPPLY CHAIN, SGS OFFERS THE FOLLOWING SERVICES:

- Forest inventory and consulting
- Forest management certification
- Forest plantation review
- Analytical services
- Inspection services
- Risk management
- Pest control, heat treatments and fumigation services
- Assessments, audit, certification and IP programs
- Monitoring

FOR THE ALTERNATIVE FUELS INDUSTRY, SGS PROVIDES:

- Assessments
- Analytical services
- Inspection services
- Greenhouse gas calculations
- Audits and certification such as ISCC, RedCert, RTRS, Bonsucro, several forest system certifications, ISO 50001, LEAF Marque and much more

AGRICULTURE AND FOOD INDUSTRY IN THE NEWS

SEED AND CROP NEWSLETTER

Industry developments and new regulations, as well as updates in specific capabilities developed within the SGS network.

AGRI TRADE HIGHLIGHTS

A global overview of markets, commodities and regions.

HOT SOURCE

Regulatory news, emerging markets and industry developments within the food industry, focusing on quality, safety and sustainability.

CONSUMER COMPACT

Focusing on the Consumer Goods and Retail industry, our experts provide insights on international developments, new regulations, case studies and updates on SGS activities.

SAFEGUARDS

SafeGuards informs you of the regulatory & technical news in consumer goods.

To subscribe to our newsletters:

www.sgs.com/subscribe



SGS HAS

- **ISO9001 AND ISO17025 CERTIFICATIONS**
- **SUPERINTENDENT AND ANALYST MEMBER OF GAFTA AND FOSFA**
- **EXPERIENCED, PROFESSIONAL AND DEDICATED PERSONNEL THAT WILL EXCEED YOUR EXPECTATIONS**
- **ONE-STOP SHOP SOLUTIONS**
- **STATE-OF-THE-ART EQUIPMENT**
- **FAST AND ACCURATE RESULTS AND REPORTS**
- **A TRULY GLOBAL NETWORK**

A GLOBAL REACH WITH A LOCAL TOUCH

With a presence in all major regions of the globe, our experts speak the local language, understand the culture of the local market and operate globally in a consistent, reliable and cost-effective manner.

With more than 130 years experience, we understand the challenges that you face. Protect your assets at the same time as building a sustainable and profitable business with solutions from SGS.

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognised as the global benchmark for quality and integrity.

With more than 85,000 employees, SGS operates a network of over 1,800 offices and laboratories around the world.

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WHEN YOU NEED TO BE SURE

