



FRESH PRODUCE

SOLUTIONS FOR PRIMARY PRODUCERS, TRANSPORTERS AND SHIPPERS,
PACKERS AND PROCESSORS, DISTRIBUTORS AND RETAILERS.



GOOD ENOUGH TO EAT?



SGS experience and expertise throughout the Fresh Produce Supply Chain provides sound business solutions for its customers globally. SGS is the world's leading inspection, verification, testing and certification company and is recognised as the global benchmark for quality and integrity. With more than 52,000 employees, SGS operates a network of over 1,000 offices and laboratories around the world.

SGS provides customised support throughout the value chain and across the globe in an industry with competitive product, pricing and regulatory pressures. Partnering with SGS allows customers to mitigate risks in safety and quality of their final product and regulatory compliance. Customers can maximise their returns by ensuring risks and uncertainties are addressed by professionals who understand their needs for quality and safety.

- Primary Production
- Transportation and Shipping
- Packing and Processing
- Distribution and Storage
- Retail



VALUE AND SAFETY THROUGHOUT

FRESH PRODUCE – Primary Producers – Transportation

Primary Production → → → → → → → → → → Transportation and Shipping → → → → → → → → → →

- Seed Testing
- Crop Studies
- Soil & Water Testing
- Field Trials
- Fumigation/Pest Management
- Identity Preservation Programme & Traceability
- Quality Control and Sampling
- Analytical Testing
- Audit Solutions
- Training/Technical Assistance
- Cleanliness Inspection
- Loading and Discharge Supervision
- Audit Solutions
- Fumigation/Pest Management
- Logistic Support
- Damage Survey
- Guaranteed Business Solutions

PRODUCE SUPPLY CHAIN



THE SUPPLY CHAIN

Producers and Shippers – Packers and Processors – Distributors and Retailers

→ Packing and Processing → → → → → → → → → Distribution & Storage → → → → → → → → → Retail → → → → → → → → →

- Reception Sampling & Testing
- Packaging & Labelling Assessment
- Product Certification
- Audit Solutions
- Collateral Management
- Pest Management

- Sampling & Product Testing
- Audit Solutions
- Collateral Management
- Fumigation/Pest Management
- Warehouse Management
- Logistic Support

- Sampling & Product Testing
- Packaging & Labelling Assessment Testing
- Audit Solutions
- Pest Management

MAIN PRODUCE SUPPLY CHAIN

PRIMARY PRODUCTION

Production at the primary level requires expert knowledge and thorough understanding of agricultural practices in order to produce final product that will meet quality and safety specifications at destination. SGS has the technical expertise in reducing risks for customers along the entire supply chain. Optimisation of the supply chain helps to secure the sustainable production essential to gain a competitive edge.

HOW WAS IT GROWN?



SEED TESTING

- Physical and Genetic Purity
- Germination
- Vigour Testing
- Rapid Viability
- Tetrazolium (TZ) testing
- Seed identification and noxious weed classification
- Herbicide tolerance
- GMOs
- Physical parameters
- Certifying seeds as per destination country

CROP STUDIES

Testing the environmental behaviour of crop protection agents and other substances includes various methods and study types, with the methods used in the field corresponding with accepted technical and scientific standards and guidelines.

SOIL & WATER TESTING

- Nutrients in Soil
- Soil Characteristics
- Nutrients in Compost
- Compost Characteristics
- Microbiology Testing
- Manure Management
- Irrigation and groundwater testing

FIELD TRIALS

Sustainable agriculture needs a continuously innovative approach to achieve improved management of crop production. For example; prior to commercialising, new pesticides, seed varieties or fertilisers have to be validated in supervised independent third party field trials.

FUMIGATION & PEST MANAGEMENT

An effective, reliable fumigation and/or pest control program is needed to contain and reduce the damage inflicted by insects and other pests. SGS has invaluable expertise in this field making sure that you meet regulatory tolerances and that the sanitary quality of your produce is preserved.

IDENTITY PRESERVATION PROGRAMME & TRACEABILITY

Consumers' are concern about genetically modified organisms (GMO). The industry is concern about satisfying regulatory requirements. Both concerns are eliminated by tracing seed origins and testing the produce at each critical point up to final destination. It is a tool that can be used to differentiate and create added value to your produce as well as help you detect where problems may have occurred in the supply chain.

QUALITY CONTROL & SAMPLING

Sampling according to contractual specifications or local/international regulations for technical and physical analyses with the appropriate devices or for further analytical testing in the laboratory

ANALYTICAL TESTING

- Pesticide Residues and PCBs
- Mycotoxins
- Microbiological (Salmonella, E.coli, Coliforms, etc)
- Nutritional Values
- GMOs
- Radioactivity
- Heavy Metals
- Hormones and Antibiotics

AUDIT SOLUTIONS

- Food Safety Audits
 - GLOBALGAP
 - ISO 22000
 - HACCP
 - SQF 1000
 - Q+S & QS GAP
 - GAP
 - Single food audit pack
- Supplier Assessment/customised Audit Solutions
- ISO certifications
 - As a group, SGS offers a wide range of ISO certification solutions including ISO 9001, ISO 14001, OHSAS and SA 8000
- Organic Certification
 - Social responsibility
 - Environment/Ecological Production, Sustainable Agriculture Production
 - Fairtrade

TRAINING/TECHNICAL ASSISTANCE

SGS offers a broad range of professional training courses designed to help increase the awareness and expertise in a variety of audit standards, farm to food safety and regulatory tolerances of the country of destination.

BENEFITS FOR YOU

- Continuous quality and safety improvement resulting in reduction of liability risks
- Get the value from your resources
- Expert knowledge and understanding of local and international regulations
- Keep you ahead of your competitors

TRANSPORTATION AND SHIPPING

Governments across the globe are tightening their regulations and inspections of imported produce to keep their nation's food supply safe. Are you taking the necessary measures to avoid rejection of your product at destination?

HOW DO I KNOW WHAT WAS LOADED?

CLEANLINESS INSPECTION

Inspection of areas/units of transportation to check if they are free from any odour, foreign matter, previous cargo residues and/or pest infestation.

LOADING AND DISCHARGE SUPERVISION

- Sampling and Testing for quality
- Quantity and Weight
- Packaging & Labelling Verification
- SGS Seal
- Control of Loading and Discharge Operations
- Grading and Certifying the reception of produce and shipments
- Temperature Monitoring
- Traceability

AUDIT SOLUTIONS

- ISO 22000
- GHP (Good Hygiene Practice)
- SQF 1000/2000
- ISO 9001
- ISO 14001
- Single food audit pack
- Supplier Assessment/customised Audit Solutions

FUMIGATION & PEST MANAGEMENT

An effective, reliable fumigation and/or pest control program is needed to contain and reduce the damage inflicted by insects and other pests. SGS has invaluable expertise in this field making sure that you meet regulatory tolerances of the country of destination and that the sanitary quality of your produce is preserved.

LOGISTIC SUPPORT

We offer logistical support along the supply chain for customers who want to concentrate on their core business.

DAMAGE SURVEY

To assist claimants without prejudice on methods necessary to mitigate the loss or damage. We do this by establishing the nature and extent of damage by producing a factual survey report to enable any liability to be determined by the client.

GUARANTEED BUSINESS SOLUTIONS

Quality and quantity can be guaranteed by SGS, eliminating the risks from customers' supply chains. SGS becomes the risk takers and makes the risk assessment. We offer optimal tailor-made coverage adapted to your specific situations.

BENEFITS FOR YOU

- Delivering what you promised your customers. Peace of mind by mitigating your risk
- Independent confirmation and documentation
- Verification of due diligence





PACKING AND PROCESSING

Consumers, Traders, Government Agencies and Logistics Companies demand fresh produce should have a longer shelf life. It has to be safe, taste good, look good and to be nutritionally beneficial. How can you pack and process the perfect product?

IS IT AS **NICE** AS IT LOOKS?



RECEPTION SAMPLING & TESTING

Sampling according to contractual specifications or local/international regulations for technical and physical analyses with the appropriate devices or for further sensory, chemical and microbiological testing in the laboratory.

PACKAGING & LABELLING ASSESSMENT

Assessment of finished and packaged products to meet Labelling, packing and marking requirements to minimise the risk of rejection at destination.

PRODUCT CERTIFICATION

Product certification is verification of the conformity of products to quality and safety criteria described in the standards, for protection of the consumers. Key aspects include traceability, ingredients, freshness, durability and hygiene.

AUDIT SOLUTIONS

- Food safety Audits
 - ISO 22000
 - HACCP
 - GMP
 - BRC Global Food Standard
 - BRC Global Standard for food packaging
 - International Food Standard (IFS)
 - SQF 2000
 - Q+S & QS GAP
 - Single food audit pack
- Supplier Assessment/customised Audit Solutions
- ISO certifications
 - SGS offers a wide range of ISO certification solutions including ISO 9001, ISO 14001, OHSAS and SA 8000

COLLATERAL MANAGEMENT

SGS collateral management services allows customers to receive efficient terms of financing for their physical inventory. SGS retains control over customers produce, ensuring trust between customers and their financial backers. These services are tailor-made solutions specific to your situation.

PEST MANAGEMENT

An effective, reliable pest management program is needed to contain and reduce the damage inflicted by insects and other pests. SGS has invaluable expertise in this field making sure that you meet regulatory tolerances and that the sanitary quality of your produce is preserved. Hygiene and pest management auditing and consultancy regarding best practice and techniques, HACCP and QA standards are offered.

BENEFITS FOR YOU

- Quality and safety consistency across the supply chain leads to partner confidence and market acceptance of your produce
- Increased Efficiency. Reduce Cost

DISTRIBUTION

Being of natural origin, fresh produce is delicate and has a limited shelf life. How they are stored and handled before reaching their final destination is crucial to maintaining quality and safety.

SAFE, FRESH, HANDLED WITH CARE?



AND STORAGE

SAMPLING & PRODUCT TESTING

Sampling and testing for multiple chemical, biological, physical and organoleptic parameters to determine the quality and safety of the produce.

AUDIT SOLUTIONS

- Food Safety Audit
 - ISO 22000
 - BRC Global Standard for Storage and Distribution
 - IFS Logistic
 - SQF 2000
 - HACCP
 - Q+S & QS GAP
 - GMP, GHP or GDP (Good Distribution Practice)
- Supplier Assessment/customised Audit Solutions including Hygiene Monitoring
- ISO certifications
 - SGS offers a wide range of ISO certification solutions including ISO 9001, ISO 14001, OHSAS and SA 8000

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FUMIGATION/PEST MANAGEMENT

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WAREHOUSE MANAGEMENT

We can control or manage the business of warehousing so that you can concentrate on your core business.

LOGISTIC SUPPORT

We offer logistical support along the supply chain from origin of product to destination.

BENEFITS FOR YOU

- Guaranteed Assurance of inventory
- Increase of produce safety resulting in reduction of product liability risks

RETAIL

Consumers demand quality and assume that freshness means safety. When your product reaches the hands of the consumer can you be sure that is really the case? Recalls of fresh produce are increasing and therefore consumers need comfort that everything has been taken care of to ensure their safety. What measures are you taking to protect your brand and ensure consumer safety?

HOW CAN I AVOID A RECALL?



SAMPLING & PRODUCT TESTING

Sampling and testing for multiple chemical, biological, physical and organoleptic parameters to determine the quality and safety of the produce.

PACKAGING & LABELLING ASSESSMENT

Assessment of finished and packaged products to meet Labelling, packing and marking requirements to minimise the risk of rejection at destination.

AUDIT SOLUTIONS

- ISO 22000
- Brand Protection Audits
- Supplier Assessment
- Store Checks/Mystery Shoppers
- Hygiene Audit
- customised Audit Solution

PEST MANAGEMENT

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BENEFITS FOR YOU

- Greater customer and consumer trust in your produce
- Improvement of your brand and company image
- Confidence in doing business with your supplier
- Due diligence in the event of a legal challenge
- Marketing tool

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WHEN YOU NEED TO BE SURE

