

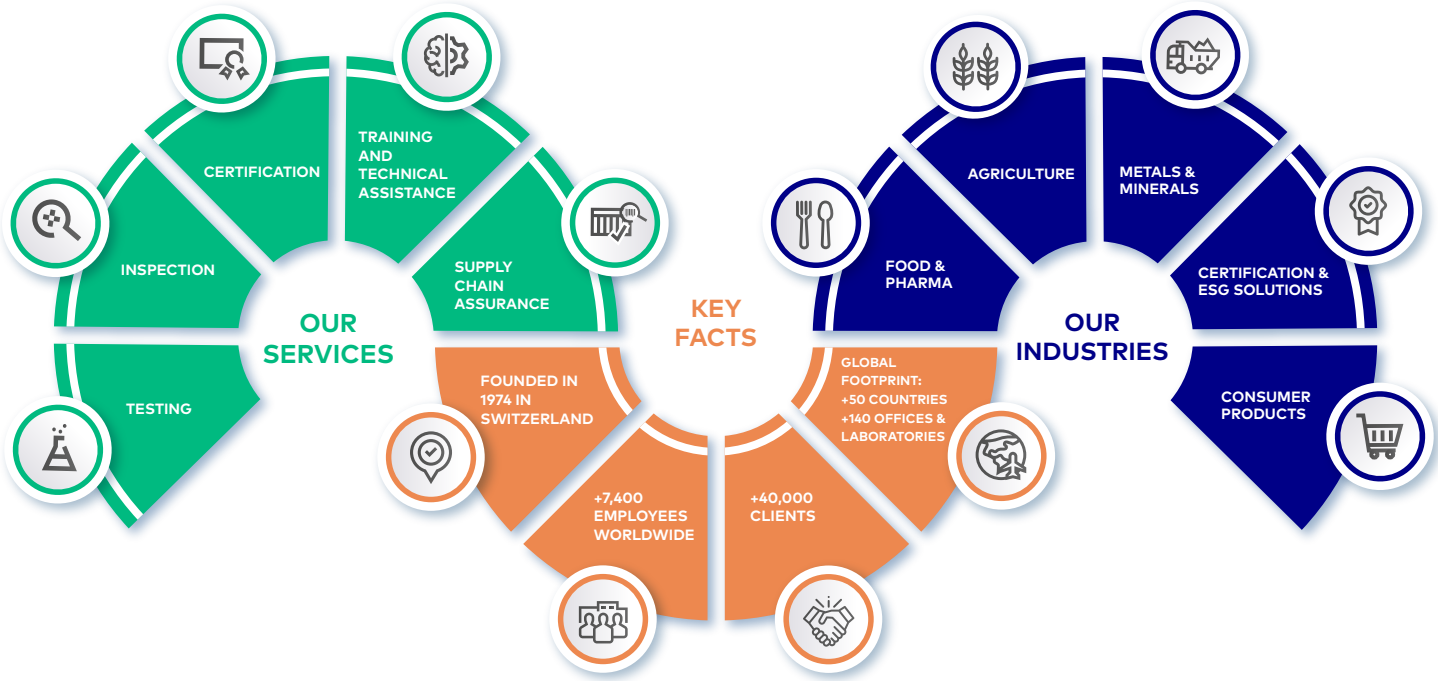
SERVICES

COTECNA BRAZIL





COTECNA
Trust for a moving world



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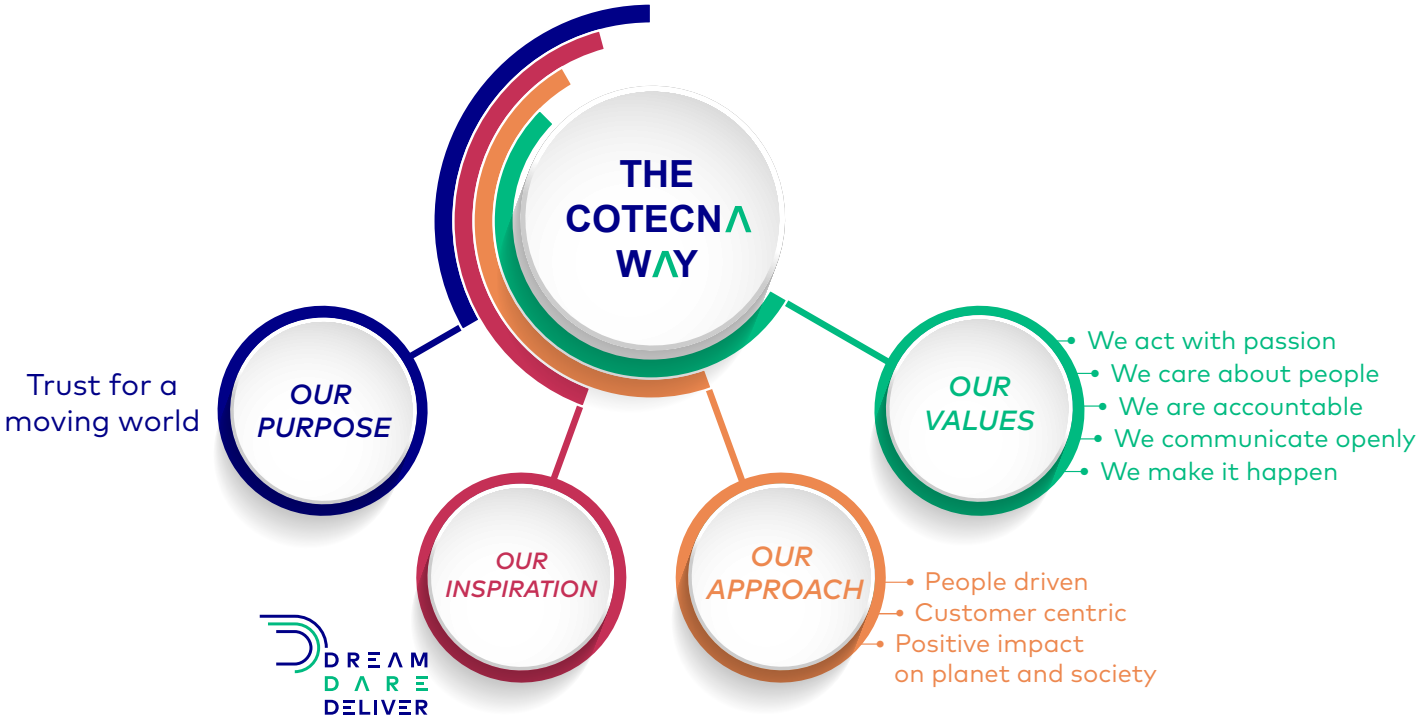
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ABOUT COTECNA

Cotecna is a leading provider of testing, inspection and certification services. We offer solutions to facilitate trade and make supply chains safer and more efficient for our clients. Our technical expertise combined with the superior quality of our services and our ability to anticipate our clients' needs is what sets us apart.

THE COTECNA WAY

The Cotecna Way is what drives us as a company and sets us apart. It's the common language that inspires and guides the way we operate for our customers, stakeholders, and employees.





OUR STRUCTURE

OUR INDUSTRIES

> Agriculture
> Food
> Metals & Minerals
> Consumer Goods
> Government & Trade Solutions



OUR SERVICES

> Laboratory Analysis
> Inspection
> Training and Technical Assistance
> Certification
> Supply Chain Assurance
> Pharma



OUR LOCATIONS

> Exposure to commodities producing and trading countries
> Strong footprint in emerging markets
> Historic and solid presence in Africa

OUR BUSINESS MODEL

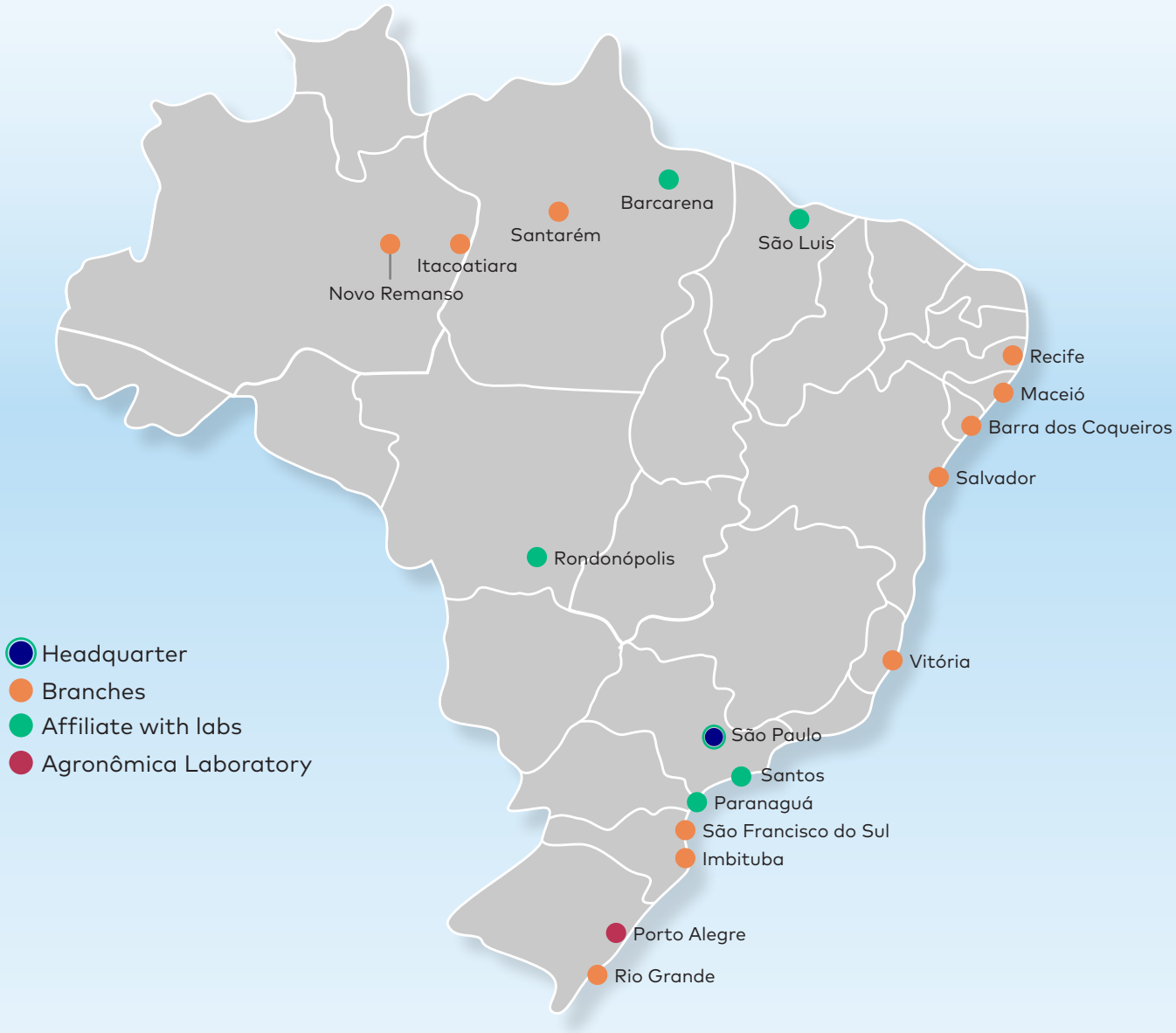
> Lean Organization
> Challenger Mindset
> High level of entrepreneurship

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COTECNA BRAZIL

COTECNA SERVIÇOS LTDA.

COVERAGE



> **Total headcount:** 400+
> **Total workforce:** 1000
> **Affiliates with labs:** 9

OUR INDUSTRIES

> Agriculture
> Consumer Goods & Textile
> Metals & Minerals

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AGRICULTURE

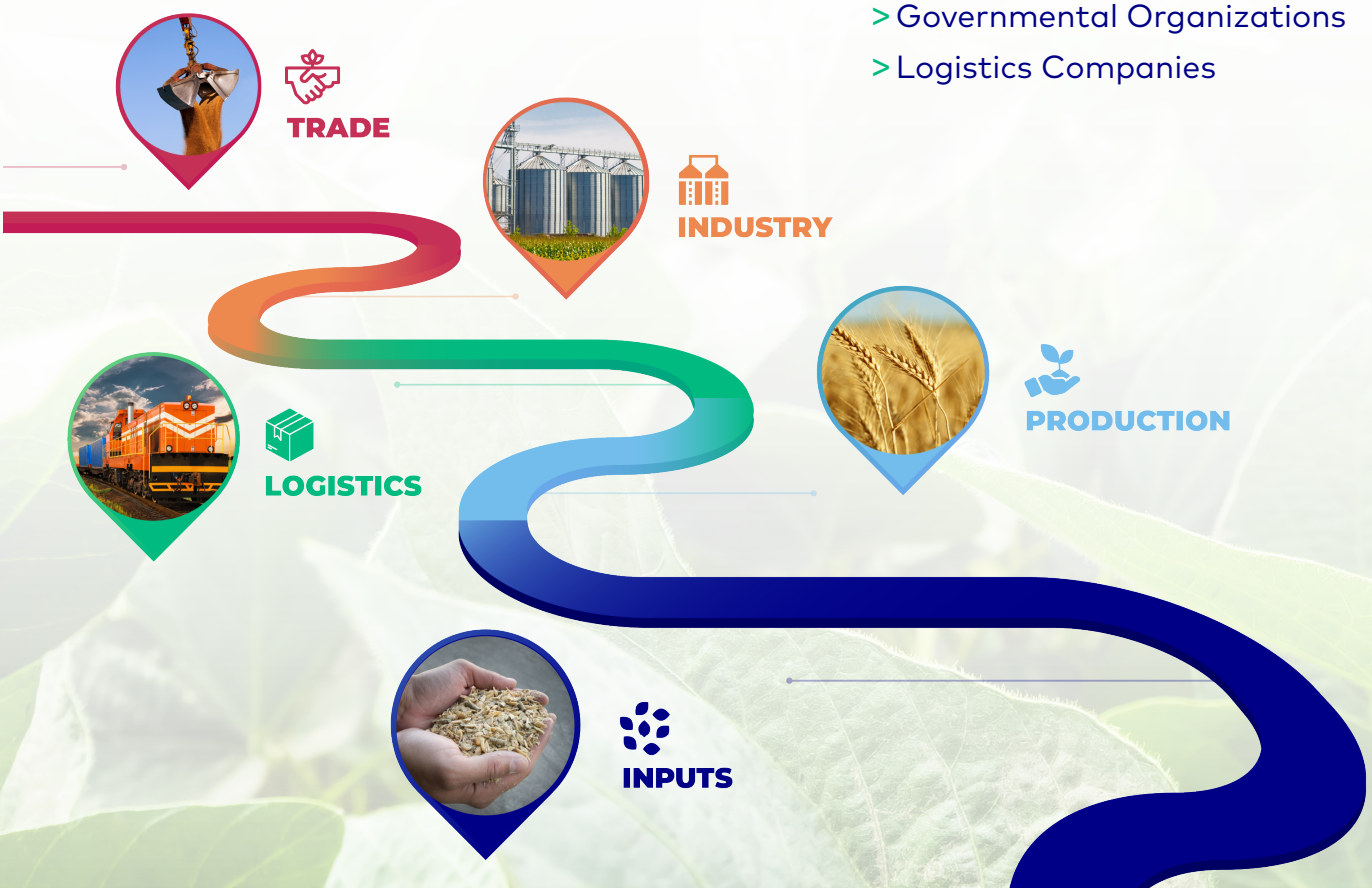
We create trust and mitigate risks for our clients at every stage of production, from field to market.

INSPECTED & TESTED PRODUCTS

- Grains
- Oilseeds & by-products
- Soft commodities
- Pulses

INDUSTRIES

- Agri-Science
- Farming
- Trading
- Transporters
- Financial Institutions
- Insurers
- Governmental Organizations
- Logistics Companies



Main Countries:

The Netherlands, Ukraine, India, Brazil and Argentina

Goal:

Aiming to 20% market share on the Trade segment

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PORT SERVICES

- Quality and Weighing Control
  - Vessel
  - Tanks
  - Wagons
  - Trucks
  - Barges
- Sampling
- Holds inspection
- Draft Survey
- Hose Test
- Holds sealing
- Hard survey
- Container stuffing
- Vehicle reception

INLAND SERVICES

- Crop and harvest monitoring
- On-site grading, weighing and testing
- Traceability programs
- Silos and warehouse in-outtake
- Stock monitoring
- Quality maps
- Container stuffing
- Vehicle reception

TESTING SERVICES

- Physical
- Chemical
- Contaminants
- GMO
- Microbiology
- Mycotoxins

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BULK TERMINALS ATTENDED - 40 MM TONS YEAR

VLI



TIPLAM – Santos/SP

VLI



VLI TPSL - São Luís/MA

BUNGE



SOCEPPAR
Paranaguá-PR

TEGRAM ITAQUI



Tegram – São Luis/MA

TEG TEAG TES



TEG | TEAG | TES
Guarujá e Santos/SP

PROPORTO



Proporto Terminal

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FERTILIZERS



Production | Logistics | Storage | Trade

> Pre-shipment inspection (RP & MOP of mines)
> Sampling and analysis
> Bag supervision
> Marking and packing check

> Inventory Monitoring
> Inventory site inspection
> Checking storage conditions
> Temperature Monitoring
> Field granulometry

> Draft survey
> Basement inspection
> Loading and unloading supervision
> Weighing supervision
> Sampling analysis

Scope of Analysis by Laboratory

> **Santos:** Complete with Agriculture Ministry Accreditation

> **São Luis / Paranaguá / Rondonópolis / Barcarena / Rio Grande:** Hardness, Free Water, Moisture and Granulometry

> **Santarém / São Francisco do Sul / Tubarão:** Hardness and Granulometry

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TRADE FINANCE SERVICES



Agricultural Implements and Machinery | Crops | Harvest Monitoring | Stock Monitoring | 3D Inventories | Tax Auditing

MODULAR SOLUTIONS FOR VARIOUS PRODUCTION CHAINS

- Monitoring of agricultural implements and machinery
- Crop monitoring (pre-planting to harvest phase)
- Monitoring of stocks
- Warehouse pre-inspection
- Inventories – 3D Cubing
- Supervision of transportation and storage of agricultural products
- Productivity audit
- Harvest follow-up
- Fiscal auditing
- Rural insurance
- Product receiving and shipping control



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CONSUMER TEXTILE



Textile-Quality Inspection

Social Responsibility Audit

Production Tracking and Traceability

TEXTILE-QUALITY INSPECTION

> Verification of quantity & storage conditions
> Grid check (quantity of pieces per size and color)
> Visual inspection of finished product for possible faults and defects, visual quality, seams, finish, tone, feel, accessories, prints, etc.
> Label checking (price, brand, maintenance, and composition regulated)
> Checking barcode label reading
> Checking visual condition of packaging and markings onpackaging
> Dimensional Control
> Sealing with Cotecna adhesive tape
> Photographic coverage

SOCIAL RESPONSIBILITY AUDIT

> Documentary analysis pertinent to labor obligations, regulatory norms, fiscal regularity, among others
> Productive Capacity
> Quality Control
> Labor Conditions
> Production chain monitoring (subcontracting)
> Health, Safety & Environmental
> Verification regarding the presence of child labor, slave labor, presence of illegal immigrants
> Verification of the supplier's physical facilities
> Among other issues as agreed with each client

PRODUCT TRACKING AND TRACEABILITY

> Verification of the production process and traceability, checking the quantity of parts in each stage of production, checking invoices





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GENERAL CARGO – IMPORT AND EXPORT

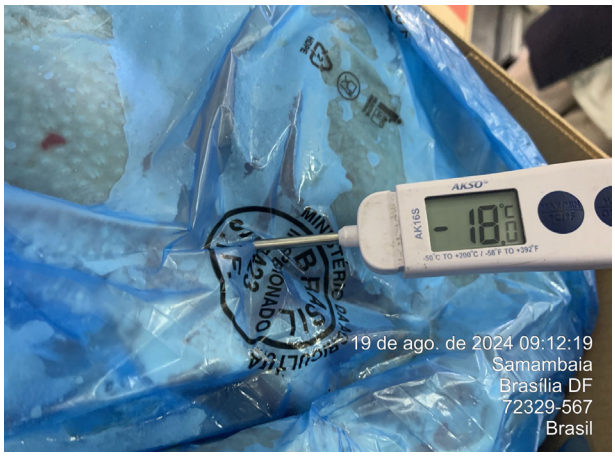


Components & Raw Materials | Materials in Process | Finished Goods | Supplies | Trade

INSPECTED AND TESTED PRODUCTS

All types of general cargo / industrialized:

- > Consumer Goods
- > Manufactured Goods
- > Special Purpose Machines



INDUSTRY

- > Meat/Chicken
- > Furniture
- > Steel and iron products
- > Footwear
- > Chemical products
- > Electronics
- > Paper and cellulose
- > Equipment in general
- > Auto parts
- > Others



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V.O.C. – COMPLIANCE VERIFICATION AND SPECIAL PROGRAMS

> Inspection activities cover quantity and quality inspection for conformity verification (VOC) in the areas of agricultural, mineral, chemical and consumer goods.

> Conformity verification is performed against national and international requirements and/or customer requirements used by private and public customers.

Country Coverage - Special Programs

- Algeria
- Cuba
- Philippines

Country Coverage – VOC

- Congo
- Côte d'Ivoire
- Egypt GOEIC
- Egypt NFSA
- Ethiopia
- Ethiopia-ECAE
- Gabon
- Iran
- Nigeria
- Saudi SASO
- Saudi SFDA
- Somaliland
- Zimbabwe



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FUMIGATION SERVICES - BRAZIL

Our new fumigation services help you protect your crops and maximize your yields.

Our fumigation services are designed to deliver the right amount of chemicals to your fields, following strict safety protocols to protect our staff and the environment, ensuring that your crops remain healthy and productive.

Fumigation consists of the application of Aluminum Phosphide tablets capable of releasing 1/3 of their weight in Phosphine gas, an insecticide of curative use to guarantee the control of insects in stored grains and meals.

The disinfection aims at guaranteeing and eliminating harmful microorganisms present in structures in a preventive way by means of nebulisation.

Salmonelicide/Fungicide spraying aims to prevent and control in the reproduction of Salmonella and other fungi that can contaminate the food product.

SERVICES PROVIDED

> **Vessel's Sanitation:** Disinfection of empty holds, accommodation sites via fogging
> **Fumigation of bulk goods** - Conventional, Sleeves/Sachets or Recirculation
> **Application of Aluminum Phosphide** on grains and meals in warehouses, silos, vessel's holds, containers, and canvas chambers
> **Aeration of Cargo holds** - imported products

OUR CAPABILITIES

> Phytosanitary
> Quarantine treatments of agricultural products
> Structure sanitation services and control of bacteria in food

ACCREDITATIONS AND CERTIFICATIONS

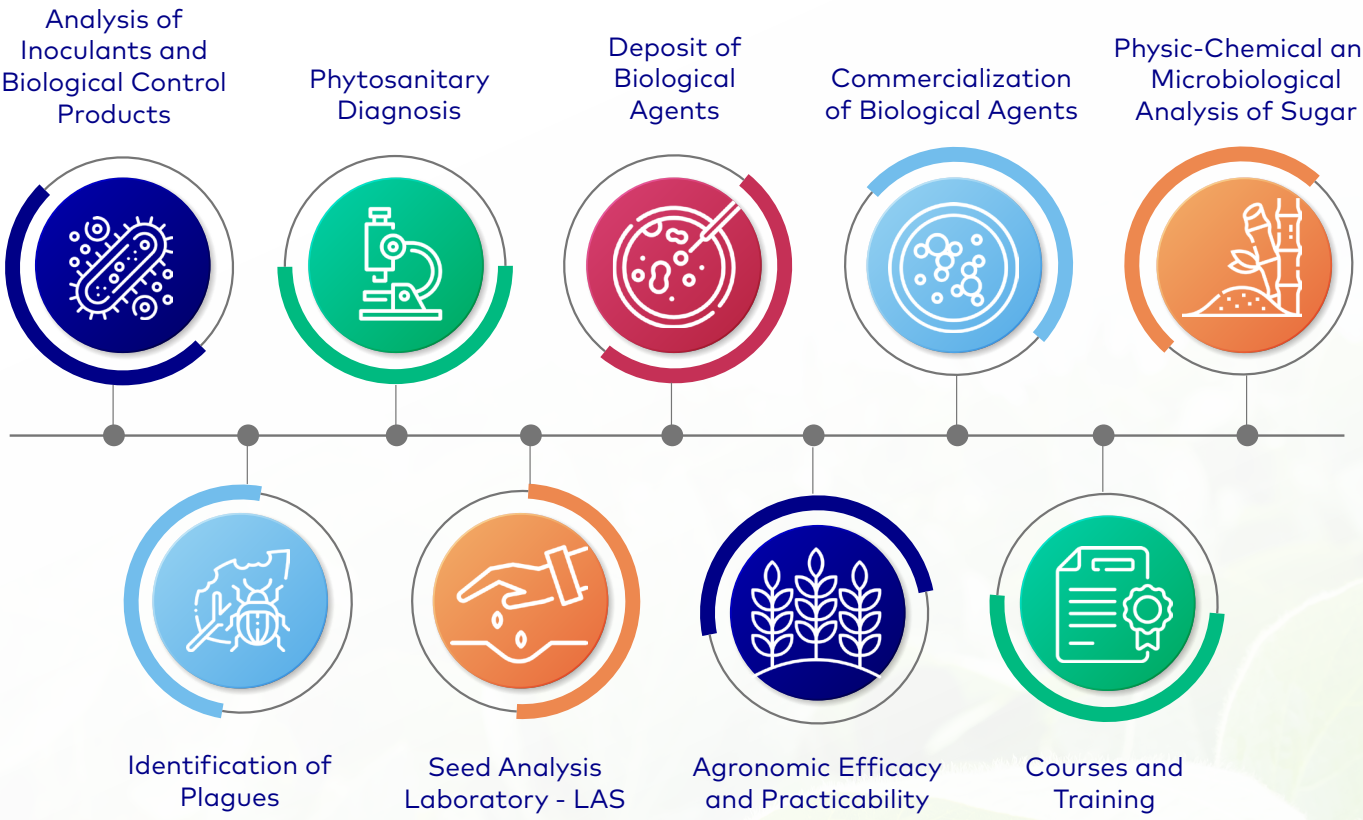
> MAPA - Ministry of Agriculture
> IBAMA - Brazilian Institute of Environment and Renewable Natural Resources
> Member of GAFTA
> ISO 9001



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AGRONOMICA
Part of the Cotecna Group

Acquired in August 2022



COMPANY INFORMATION

> Year of creation: 2006
> Number of employees: 60+
> Location: Porto Alegre, RS and Santos, SP - Brazil

ACCREDITATIONS

> Ministry of Agriculture
> Scope Phytosanitary Diagnosis
> CGCRE/INMETRO in the NBR ISO/IEC 17025 Standard

PRODUCTS

> Leaf / Fruit / Grains
> Insect Bottle with alcohol
> Feather / Root / Seeds
> By-products / Substrate

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LABORATORY ANALYSIS - MAIN PRODUCTS



SUGAR

- > Color
- > Conductometry Ashes
- > Density
- > Dextran
- > Granulometry
- > Insoluble Residue
- > Moisture
- > Organoleptic characteristics
- > Polarization
- > Reducing sugars
- > Sand / Silica
- > Safety Factor Starch
- > Sulfite
- > Sulphated Ash



SOYBEAN MEAL

- > Acidity (oleic acid)
- > Ash
- > Castor seed/Castor seed husk
- > Crude Fiber
- > Ethereal Extract
- > Foreign matter
- > Granulometry
- > Moisture
- > Protein
- > Sand/Silica
- > Self Heating
- > TVN
- > Urea activity
- > Protein Solubility in KOH



SOYBEANS

- > Acidity (Oleic Acid)
- > Ash
- > Crude Fiber
- > Ethereal Extract
- > Moisture
- > Protein



CORN

- > Aflatoxin B1-B2-G1-G2
- > Ash
- > Crude Fiber
- > Ethereal Extract
- > Moisture
- > Protein
- > Sand/Silica
- > TVN

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OILS

- Acidity (oleic acid)
- Chlorophyl
- Color
- Density
- Flash Point
- Iodine Index
- Impurities Insoluble in Petroleum Ether
- Moisture
- Peroxide
- Phosphorus (Lecithin)
- Sediment
- Unsaponifiable Matter



FERTILIZERS

- Abrasion
- Acidity
- Angle of rest
- Density
- Free water
- Hardness
- Heavy metals (Ca, Cd, Cl, Cr, Cu, Fe, Mg, Mn, Ni, Zn)
- Granulometry
- K2O
- Nitrogen
- Oil
- Phosphor
- SGN (Standard Particle Guide)
- Solubility in water
- Sulphur



WHEAT

- Moisture
- Protein



COTTONSEED

- Acidity
- Crude Fiber
- Ethereal Extract
- Moisture
- Protein

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ACCREDITATIONS & MEMBERSHIPS

Ensaios ABNT NBR ISO/IEC 17025

CERTIFIED ISO 9001:2015 COMPANY

International Organization for Standardization ISO 17020:2012

International Organization for Standardization ISO 17065:2012

Ministério da Agricultura Pecuária e Abastecimento

SAL EST. 1882 THE SUGAR ASSOCIATION OF LONDON

RSA EST. 1891 THE REFINED SUGAR ASSOCIATION

FOSFA INTERNATIONAL

ISCC International Sustainability & Carbon Certification

FCC FEDERATION OF COCOA COMMERCE

Gafta APPROVED

Gafta APPROVED SUPERINTENDENT

TIC COUNCIL Independent Voice of Trust

ifa INTERNATIONAL FERTILIZER ASSOCIATION

International Cotton Association Est. 1841



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MAIN CUSTOMERS
SPOT - 40 MM TONS YEAR

ADM

AGRIBRASIL

AMAGGI

BUNGE

btg pactual

Cargill

CHS

中粮国际
COFCO INTL

LDC
Louis Dreyfus Company

NOVA AGRI
TOYOTA TSUSHO GROUP

raízen

S&D SUCDEN

Tereos

VITERRA
THE AGRICULTURE NETWORK



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