

AGRI SERVICES OVERVIEW

Assurance, Testing, Inspection & Certification



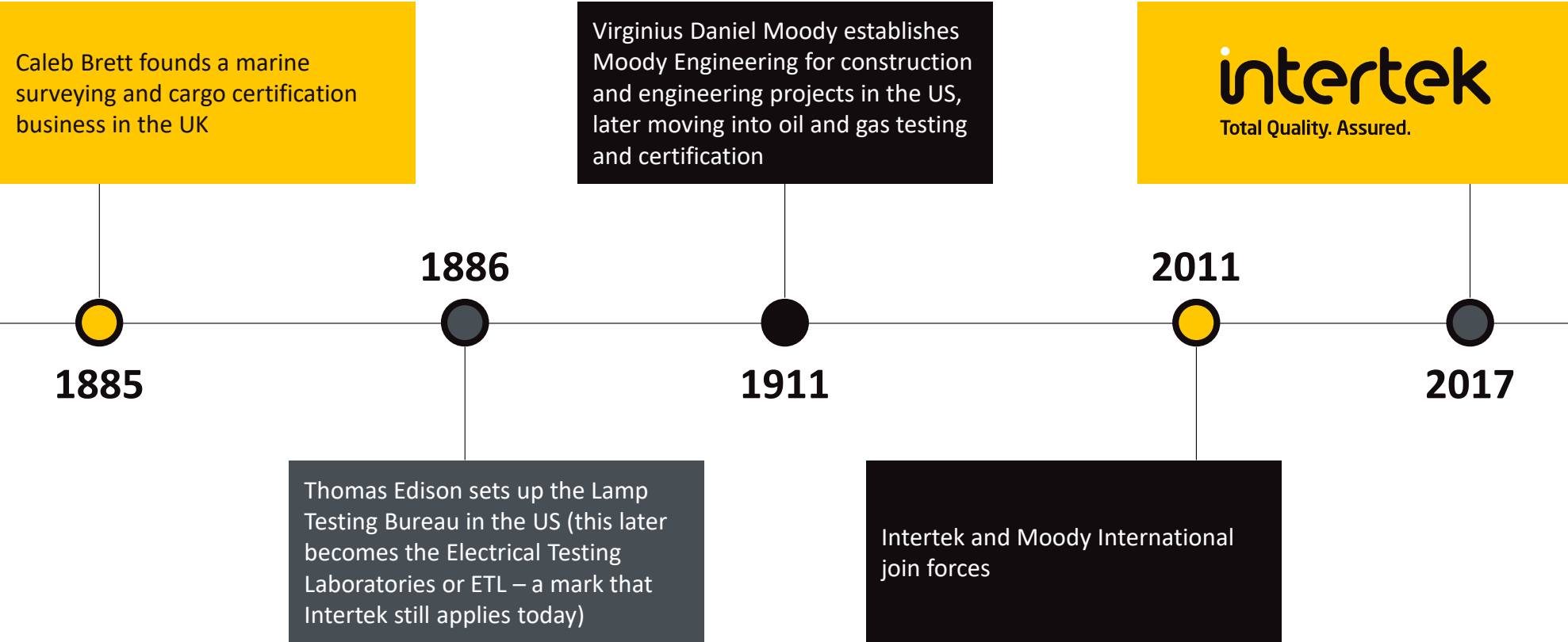
OUR CUSTOMER PROMISE



Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.



OUR HERITAGE



OUR GLOBAL NETWORK AND CAPABILITIES



Global ATIC Business with over 44,000+ Employees

Global Market Leader in Assurance

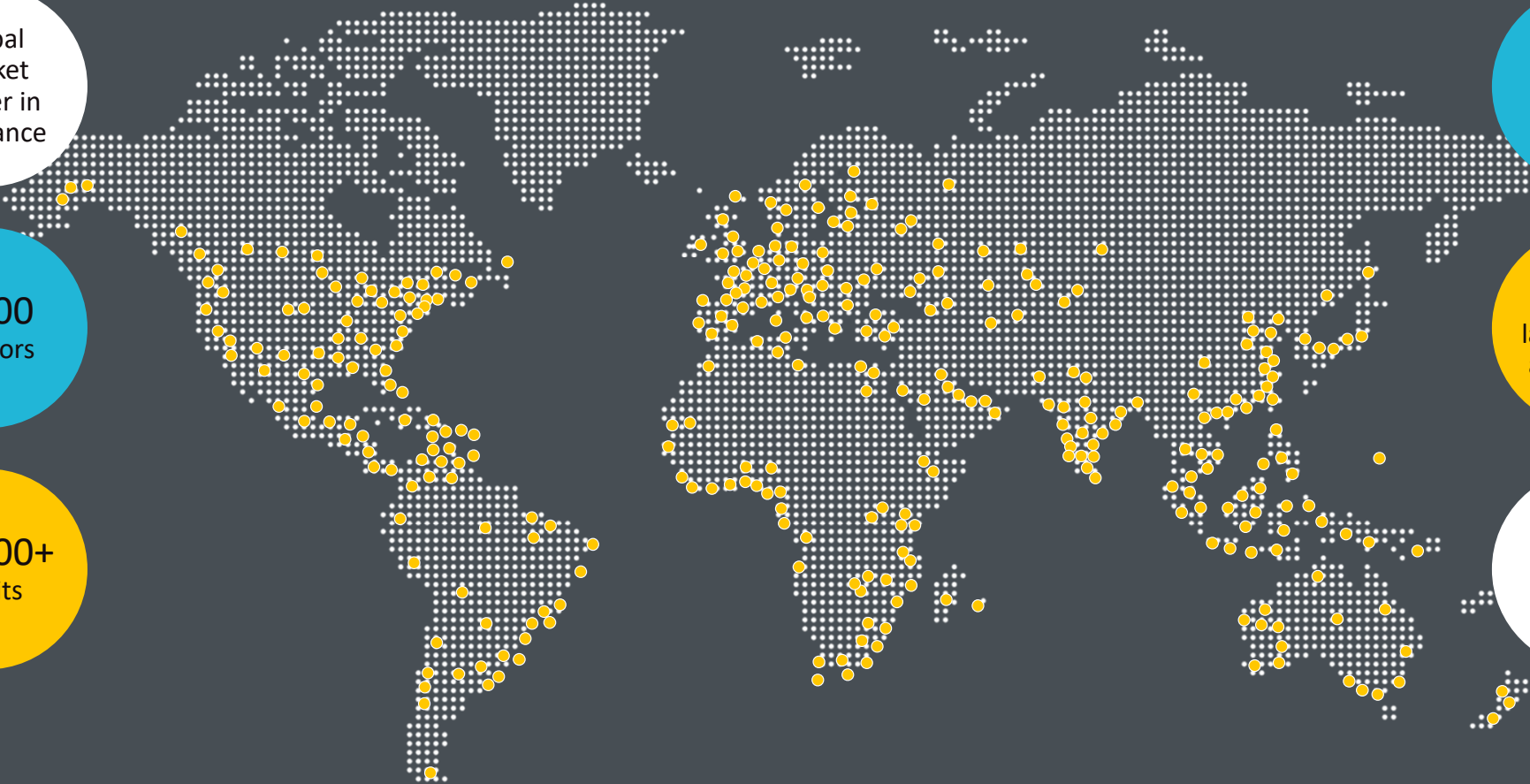
3,000 auditors

90,000+ audits

Global Market Leader in TIC

1,000+ laboratories and offices

100+ countries



**MORE THAN 100 COUNTRIES, WITH 1,000 LOCATIONS
& 43,000+ EMPLOYEES, DELIVERING TOTAL QUALITY SOLUTIONS**



OUR SECTORS

Products	
Trade	
Resources	



OUR SERVICES

Assurance 	Testing
Inspection 	Certification

DEPTH AND BREADTH OF SERVICES *GLOCALLY*

WHAT IS ATIC?

A

Enabling our customers to identify and mitigate the intrinsic risk in their operations, supply chain and business processes

T

Evaluating how our customers' products and services meet and exceed quality, safety, sustainability and performance standards

I

Validating the specifications, value and safety of our customers' raw materials, products and assets

C

Formally confirming that our customers' products and services meet all trusted external and internal standards

* ATIC = Assurance, Testing, Inspection & Certification





DEPTH AND BREADTH OF ATIC SOLUTIONS FOR AGRI AND OTHER INDUSTRIES

Assurance



Risk Management
Sustainability & Environment
Traceability
Supply Chain Assessment
Management Systems
Legal & Regulatory
Facility / Plant & Equipment
Vendor Compliance
Corporate Social Responsibility
Failure Investigation
Laboratory Outsourcing

Testing



Agriculture
Biofuels
Chemicals & Pharma
Food
Minerals
Packaging
Oil & Gas
Textile

Inspection



Agriculture
Oil & Gas
Asset Integrity
Building & Construction
Chemical & Petrochemical
Exporter & Importer
Field Labelling
Industrial
Minerals

Certification



Quality & Quantity
Conformity by Country
Food & Food Services
Hazardous Locations
HVACR¹
Industrial Equipment
IT & Telecoms
Life Safety & Security
Lighting
Medical Devices

The Intertek logo is positioned in the top left corner of the page. It features the word "intertek" in a lowercase, sans-serif font. To the right of the logo, there are two overlapping circular shapes: a yellow one with diagonal lines and a blue one with horizontal lines. The background of the entire page is a photograph of a large container port at night, with a city skyline visible in the distance under a dark sky. The port is filled with stacks of colorful shipping containers in shades of red, blue, and yellow. A road with lane markings runs through the center of the container stacks. In the background, various city buildings are lit up, and a few cranes are visible. The overall scene is illuminated by the city lights and the port's operational lights, creating a contrast with the dark night sky.

intertek

Total Quality. Assured.

AGRITRADE

Our well-established Testing, Inspection and Certification services help our customers obtain valuable information about their freight which will save them time and money. We have the needed expertise to provide seamless support across a global network of linked Agri-dedicated offices and labs located in key agricultural regions as well as major trade ports.

**QUALITY CONTROL
IN
AGRI EXPORTS**





CONDITION & CHALLENGES

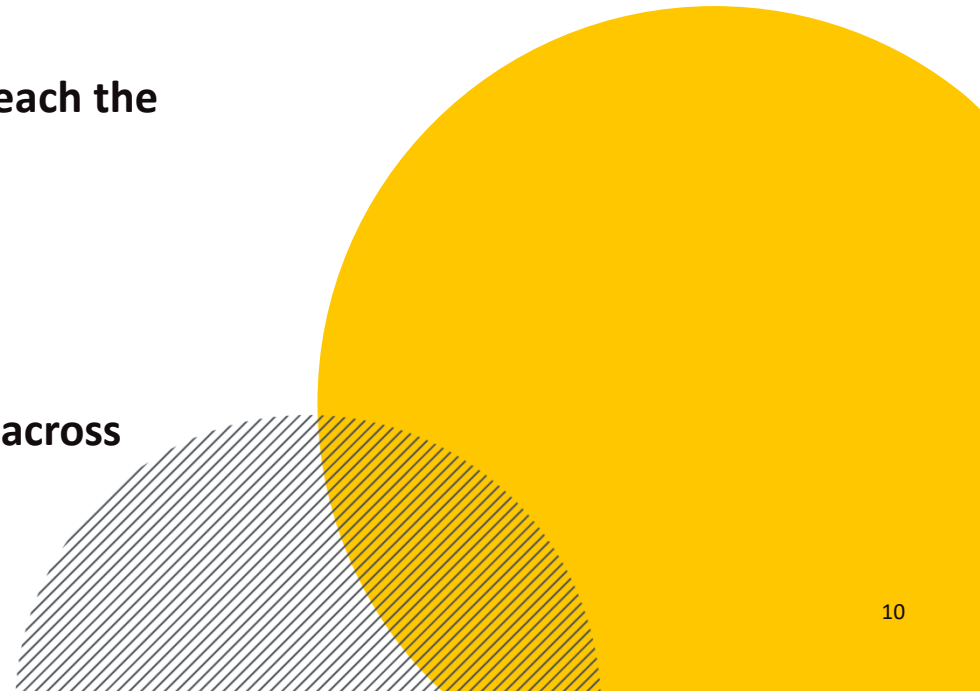
**The Agri products can be broadly classified into following groups:
Grains- Cereals & Pulses, Oilseeds & Spices, Fresh Fruits & Vegetables,
Honey, Sugar, Cotton, Feedstuff & others.**

**Majority of the farm produce comes from small farm holdings of 2
acres or less. Crop Quality uniformity is major challenge at farm level
and productivity too**

**Diverse farm practices, varied grades & qualities of produce reach the
market.**

Lack of traceability of produce to the farm.

**Good farming practices & product specific controls necessary across
the product chain.**





CONTROL

For Total Quality in Agri exports, product specific controls need to be practiced by all the stake holders responsibly starting with good practices at Farm to Fork.

For example, following controls at different stages need to be adopted for maintaining the quality of rice, a major commodity currently being exported:

- **Good farm practices.**
- **Control of moisture levels in harvested at farm & at factory.**
- **Quality mapping of paddy by physical & chemical testing with identity of source region.**
- **Fumigation of paddy and storage in conditions suitable to withstand all types of weather.**
- **In-process quality checks during production processes like de-husking, milling, de-stoning, polishing, sortex cleaning with segregation of grades & varieties.**



QUALITY



Following system be adopted to achieve the objective of total quality in Basmati exports:

- **Quality mapping of paddy by physical & chemical testing with identity of source region.**
- **Selection of paddy stock suitable for the destination.**
- **In-process quality control during production processes.**
- **Fumigation, cleaning, grading and segregation of material.**
- **Representative sampling of production with statistical techniques & applicable standards.**
- **Market specific verification of quality – Physical & Chemical testing at qualified laboratories.**
- **Packing of lots found conforming & dispatch.**
- **Use TPI's as applicable, for Quality Assurance, independent verification & Certification.**



AGRITRADE– SCOPE, ACCREDITATION AND CERTIFICATION



Inspection

- Certified Scale weights– Intertek Inspectors are State Registered Weighmasters(USA)
- Vessel /Barge Draft Survey – Inspectors use gauge tapes that are NIST Certified
- Tally Weights – Intertek performs accurate tally by strategically placed surveyors for proper cross checking
- Sampling, Weighing, Measuring
- Tank Hold cleanliness

Certification

- Custom report/certificate formats
- E-certificates as well as hard copies available

Testing

- Our worldwide laboratory network tests a variety of products using internationally recognized methods such as ISO, ASTM, AOAC, TFI, EPA, USDA, FOSFA, GAFTA and many more.
- Same day or next day rush analysis is available at some locations
- On site testing – services such as mycotoxins, quick comb, falling numbers, etc.

Assurance/ Value Added Services

- Volume based invoicing options
- Expedited reporting
- Documentary services
- Risk management packages
- Single point of contact for all locations

AGRITRADE- INDIA

Scope of Services:

- Plant to port survey
- Pre-shipment Inspection/Up-country Inspection: lot sealing post sampling
- Sampling as per the country specific standard
- Customized solution to the customers
- Shipment and Inventory sampling and lab analysis
- Truck Loading and unloading Monitoring
- Railway rake loading and unloading services
- Container stuffing and container destuffing services
- Cargo weight and Draft survey-Initial, Interim and Final
- Inspection of vessel holds and tanks
- Vessel loading and unloading services
- Inventory stock and warehouse management(SMA)
- Full outrun guarantee (FOG)
- Quality and quantity services: Procurement time
- Witness testing services
- Quality and quantity certification
- Container Fitness inspection
- Hatch Inspection
- Stock verification



AGRITRADE- INDIA

Accreditations & Membership



- The Grain and Feed Trade Association (GAFTA)
- The Federation of Oils, Seeds and Fats Association (FOSFA)
- The Solvent Extractors Association of India (SEA)
- The Fertilizer Association of India (FAI)
- India Pulses and Grains Association (IPGA)
- The Soybean Processors Association of India (SOPA) ,
- Indian Spice & Foodstuff Exporters Association (ISFEA)
- India Oilseeds & Produce Export Promotion Council (IOPEPC)
- Federation of Indian Spice Stakeholders (FISS)

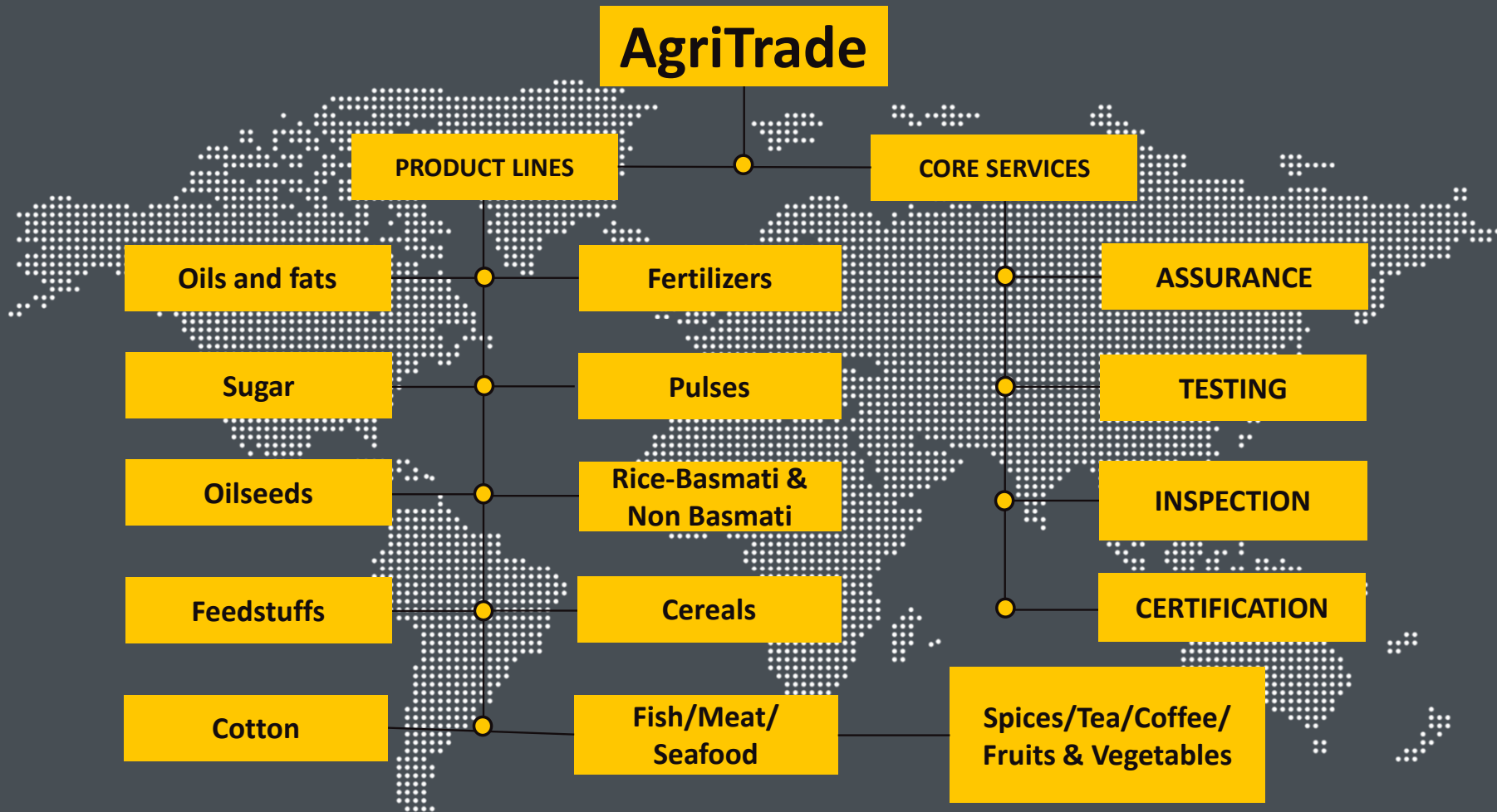
AGRITRADE INDIA - OFFICES AND LABORATORIES



- Having Presence across all the key port locations
- Good strength of the technical team
- Rich experience in handling all key Agri commodities
- Well experienced field staff
- Regular updates with supporting documents and photographs
- Issuing of the e-certificates
- ISO-17025 Accredited Agri Testing Laboratory in Mumbai, Indore and Kandla
- FOSFA Accredited Agri Testing Laboratory in Kandla



AGRITRADE - PRODUCT LINES & CORE SERVICES



AGRIWORLD - OUR GLOBAL SERVICES



Argentina,
Paraguay,
Uruguay,
Bolivia
Australia,
New Zealand
Papua New Guinea
Brazil
Cambodia
Caribbean
Chile
Colombia
Ecuador
Guatemala
Indonesia
Malaysia
Mexico
Nicaragua

Thailand
Venezuela
Vietnam
Africa
Algeria
Azerbaijan
Austria
Belgium
Bulgaria
Denmark
Egypt
France
Germany
Greece
Hungary
Italy

The Netherlands
Pakistan
Poland
Portugal
Romania
Russia
Saudi Arabia
Spain
Sweden
Switzerland
Tunisia
Turkey
UAE
Ukraine
Panama
Peru

Canada
Hong Kong
Japan
Korea
Taiwan
USA
China
Bangladesh
India
Mauritius
Madagascar
Sri Lanka
Morocco
Jordan
Singapore
Philippines

OUR PROFESSIONAL AFFILIATIONS



VINAY SINGH - NATIONAL HEAD, AGRITRADE



+91 9920820828



vinay.singh@intertek.com/agridesk.india@intertek.com



intertek.com/agriculture

