

Rooted in Science. Grown by Nature.

SAUDI ARABIA'S FIRST INDUSTRIAL FUNCTIONAL MUSHROOM BIOTECHNOLOGY FACTORY

iNajdBio Factory

iNajdAgr Systems

BioWell Clinics

SHAPING INDUSTRIES WITH DEPENDABLE SOLUTIONS

SHIITAKE MUSHROOMS

KING OYSTER MUSHROOM

ENOKI MUSHROOMS

PORTOBELLO MUSHROOMS

Our Rig mobilization Service minimizes downtime and maximizes safety

DWT delivers end-to-end rig mobilization that coordinates planning, route surveys, permitting, specialized transport and on-site setup to minimize non-productive time. Our certified crews and heavy-haul fleet handle complex terrain and tight windows with HSE-led project management. Single-point coordination, pre/post inspections and transparent milestone reporting keep clients informed and operations on schedule.

End-to-end rig mobilization across Saudi Arabia, coordinating planning, transport, and on-site setup to minimize non-productive time.

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SHIITAKE MUSHROOMS

Shiitake mushrooms are a popular edible fungus known for their rich, savory flavor (umami). They're commonly used in Asian cooking and are valued for their taste and health benefits.

INAJD BIO
Boosts immunity



INAJD BIO
Supports heart health



INAJD BIO
Contains antioxidants



INAJD BIO
Low in calories



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King Oyster Mushroom

King Oyster mushrooms are thick, meaty mushrooms. They have a firm, chewy texture and mild flavor that absorbs seasoning well. Popular in Asian cuisine and often used as meat substitute.

INAJD BIO
High in protein



INAJD BIO
Rich in antioxidants



INAJD BIO
Supports heart health



INAJD BIO
Low in calories



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WHY iNAJDBIO

- First functional biotechnology facility in Saudi Arabia
- AI-enhanced controlled-environment production
- Real-time traceability and environmental analytics
- Integration with circular bio-economy systems
- Active R&D pipeline supporting national biotech growth
- ESG-aligned, energy-efficient, low-waste industrial operations



OUR INDUSTRIAL INFRASTRUCTURE

iNajdBio integrates a complete biotechnology ecosystem, including:

- Smart cultivation containers
- Automated substrate preparation & sterilization lines
- IoT environmental monitoring & AI-driven yield optimization
- Insulated cold storage for post-harvest integrity
- R&D and quality-control laboratories
- MAP sealing, packaging, and export-ready workflows

Built for regulatory alignment with SFDA, SASO/SABER, ISO 22000, ESG standards, and Vision 2030's industrial frameworks.

STRATEGIC PILLARS

- Enhanced food sovereignty**
Establishing biotechnology as a strategic non-oil manufacturing engine and reducing dependence on imported functional ingredients.
- Knowledge & Innovation**
Advancing Saudi biosciences through partnerships with KAIMRC, leading universities, and global training organizations.
- Sustainability & Circular Economy**
Maximizing resource efficiency through waste valorization, energy optimization, and regenerative agricultural inputs.



WASTE TO VALUE SYSTEM

CIRCULAR BIO-ECONOMY

iNajdBio transforms Spent Mushroom Substrate (SMS) into high-value agricultural resources in full alignment with Vision 2030 sustainability goals.

Ruminant Feed

Suitable for camels, cattle, goats, horses, and sheep – enhancing fiber utilization and feed efficiency.

Aquaculture Feed

Stabilized fungal biomass provides functional fibers and immune-supporting compounds for fish and shrimp production.

Soil Regeneration Inputs

SMS becomes organic compost and soil-conditioning material supporting regenerative agriculture and RECOM green initiatives.

Poultry Feed Applications

Processed SMS improves:

- Digestibility
- Gut health
- Immune function via natural β -glucans
- Reduction of imported feed reliance

ESG Benefits

- ~90% waste reduction
- Lower carbon footprint
- Circular industrial compliance
- New agricultural value streams

Wellness By Biotechnology

BIOWELL CLINICS

BioWell Clinics translate iNajdBio's biotechnology capabilities into transformative preventive health programs.

Using DNA-driven nutrigenomics, biomarker diagnostics, Saudi-made supplements, cosmetics, and functional mushroom extracts, BioWell delivers personalized, clinically grounded wellness protocols for individuals, families, and communities.

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VISION 2030 IMPACT



iNajdBio strengthens the Kingdom's role as a regional leader in functional biotechnology through:

- Enhanced food sovereignty
- Smart cultivation containers
- Localized industrial production
- High-skill biotech workforce development
- Sustainable manufacturing
- Sustainable manufacturing