



Request for Information (RFI) 2025

The Agricultural Research Organization (A.R.O.), a sub-unit of the Israel Ministry of Agriculture and Food Security, serves as a leading research institute in agriculture. A.R.O. conducts cutting-edge research and development (R&D), achieving significant scientific advancements with potential applications in various stages of development.

Among its diverse research activities, A.R.O. leads breeding programs for various crops, including wheat, potato, melon, squash, tomato, olive, strawberry, avocado, sweet sorghum, litchi, papaya, mango, guava, almond, fig, chickpea, grapes, citrus fruits, stone fruits, passion fruit, flowers, and herbs. Additionally, A.R.O. owns varieties bred under these programs, registered with Plant Breeder's Rights in Israel.

Call for Collaboration

A.R.O. invites public and private corporations, individuals, and other interested parties to apply for:

- Research collaboration (including publicly funded projects such as MAGNETON, NOFAR, etc.)
- Exclusive/non-exclusive commercialization licenses for research products
- Research testing services
- Professional consulting for public industrial funds (e.g., Kamin)
- Any other communication or activities related to the following research areas:
 1. **Plant Sciences** – Genetic modifications, genetic identification systems, breeding programs, adaptation to heat and drought stress, CRISPR technology, fermentation, biomass enhancement, and agricultural protocols.
 2. **Plant Protection** – Pest and nematode control, environmentally friendly solutions (fungi, yeast, pheromones, macro- and microorganisms, insecticides, greening technologies, and growth enhancement).
 3. **Postharvest Technologies** – Shelf-life extension, storage, and packaging solutions for agricultural produce.
 4. **Functional Food Technologies** – Phytochemicals for disease prevention, sweeteners, and biofilm prevention.
 5. **Soil & Water Management** – Advanced irrigation methods and agrochemical control.
 6. **Animal Sciences** – Innovations in breeding, disease treatments, microbiome research, animal welfare, and farm yield improvement.
 7. **Novel Forage Crops** – Development of high-quality animal feed.
 8. **Agricultural & Biosystems Engineering** – Machinery, precision agriculture, pathogen identification, climate control, greenhouse equipment, and energy-saving solutions.
 9. **Aquaculture & Mariculture** – Captive breeding, larval rearing, marine fish production, nutritional programming, rapid disease detection, and environmentally friendly recirculating aquaculture systems.
 10. **Plant Extracts** – Development of plant-based natural extracts for pharmaceuticals, food additives, and pathogen control, along with breeding and agro-technical protocols.

Entrepreneurs & Companies for International Commercial Collaborations

In addition, A.R.O. is looking for entrepreneurs and companies to enhance international business collaborations by:

- Identifying reliable business partners
- Establishing and managing collaborations
- Overseeing legal and IP aspects
- Monitoring and collecting fees
- Supporting long-term commercial agreements

Applicants must comply with the following criteria:

1. Be a specialized company in a relevant field with a permanent base of operations in the target country. Preferably, the company should have been operating for at least three years.
2. Be reputable, financially stable, and in good standing with a strong track record.
3. Have experience in signing agreements, managing IP rights, and handling technology transfer while ensuring IP protection.
4. If applying for commercialization of A.R.O. cultivars, possess at least three years of experience in fruit plant cultivation, propagation and commercialization, including plant material import, registration and enforcement of Plant Breeders' Rights.
5. Demonstrate proven economic stability and expertise in the relevant field.

Important Notes

- A.R.O. is under no obligation to enter into any agreements, even if the applicant meets all criteria.
- A.R.O.'s decision to engage with any applicant is entirely at its sole discretion and subject to internal approvals.
- All applications will be reviewed by Kidum and a professional committee, which may request further clarifications.

Submission Details

Applications should be submitted to:

Kidum

Agricultural Research Organization, P.O.B 15159, Rishon Lezion 7505101, Israel

Deadline: December 31, 2025

For further details, contact:

Mrs. Olga Tarnopolski – Kidum Unit

✉ Email: olgat@agri.gov.il

☎ Tel: +972-3-9683298