Israel’s Agro-technologies Business Delegation to India
February 8–12, 2016

Companies Directory
Dear Friends,

The Trade and Economic Missions in New Delhi and Mumbai have one target with The Israeli Export & International Cooperation Institute: Promoting Indo-Israel trade relations, while focusing on five different sectors, where we see great potential and need from both side. Those sectors were chosen according to two factors: Great need from the local market, while having substantial competitive capabilities of the Israeli Industry. One of those sectors is the agricultural.

Agreed by almost all, the State of Israel is one of the world's leading pioneers in today's agro-technology industry. Necessity – the lack of natural resources, shortage of water, and the scarcity of arable land led to the development of successful methods, technologies and products in a multitude of agricultural fields.

Agriculture in India is a tradition. In Israel it is science. In our intent to keep inventing newer things and keep it updated along with the development of science & technology, today we are giving a lot of stress in adapting the latest from Israel in Indian soil with Indian conditions. Twenty eight center of excellence for diverse varieties under the umbrella of Indo-Israel cooperation project today are paving the way for modernization of Indian Agri Economy and the way farming is perceived in India.

We believe that India is far better placed in terms of climate and availability of all natural resources required for cultivation. This is why today we are focusing on the needs to revamp India's existing production systems & market infrastructure. The Israeli knowhow, innovations and technologies in Israel are natural match to uplift Indian Agriculture and we will continue to make our contributions in this change.

We wish to see our great Indo-Israel relations are expanding their scope in Agriculture.

Good luck,

Barak Granot  
Head of Trade & Economic Mission, New Delhi

Dana Nahari  
Head of Trade & Economic Mission, Mumbai

Gilad Peled  
Director, Agro-Technology, Water & Cleantech Department  
The Israel Export & International Cooperation Institute
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Amiad Water Systems

www.amiad.com

Company at a Glance
Amiad Water Systems is one of the world’s leading water treatment and water filtration companies. With experience and expertise of more than 50 years, Amiad has developed a comprehensive line of exceptionally efficient automatic, and semi-automatic self-cleaning water filters that rely on its advanced screen and disc technologies.

Amiad’s water filtration systems can be found at the heart of nearly every conceivable water irrigation application – agriculture, horticulture, landscape, golf, turf and many others, regardless of the water source, outlet requirements and environment.

Amiad operates from its headquarters and R&D center in Israel and six manufacturing centers, with ten subsidiaries around the world, providing filtration solutions to more than 80 countries. Amiad Water Systems is renowned worldwide for its high-quality standards, prompt delivery, availability of parts and ongoing customer support.

Technology & Products
Amiad Water Systems delivers filtration solutions based on three distinct, but complementary technologies, which form its three brands: Amiad – screen filter technologies; Arkal – disc filter technologies; Filtomat – microfiber thread filter technologies.

For the irrigation market, Amiad Water Systems offers two main technologies: Amiad’s Screen and Arkal’s SpinKlin Disc technology.

Amiad’s technological solutions are designed to ensure minimal electricity consumption, with some systems operating solely through water pressure requiring low maintenance, small footprint, freeing valuable space, and minimal–to–no use of chemicals in order to protect the environment, allowing customers to focus on their core business. Each Amiad system is built in accordance with international quality standards.

As a world leader in water filtration technologies, Amiad’s extensive line of water filters and water filtration systems includes manual, semi-automatic and fully automatic self-cleaning screen and disc filters. Amiad manufactures various filter elements to suit filtration needs from 3500 to 2 microns.

Goal
Amiad Water Systems is a global leader in water treatment and filtration solutions. Since 1962, Amiad’s know-how continues to drive innovative solutions that solve the main challenges in irrigation.
Cultivu Technologies Ltd.

Categories:
- Management, Consulting & Planning

Subcategories:
- Precise Agriculture

Company at a Glance
Small farmers represent over half the world's food production, however they often use traditional methods that result in low productivity. Cultivu provides easy to use, digital platforms that connect small farmers and local agricultural advisors on a massive scale. Building on and expanding existing local networks between farmers and advisors, Cultivu allows each advisor to work regularly with larger portfolios of over 4,000 small farmers, compared to 100-200 farmers today, providing answers, recommendations, and knowledge. At the same time, Cultivu helps farmers dramatically improve productivity and food production within existing routines, without additional investments or significant changes, by providing ongoing and real time, locally-relevant knowledge and insights, benchmarks, best practices, and basic farm management tools.

Technology & Products
1. Cultivu advisor website: allows advisors to work with a portfolio of over 4,000 small farmers (compared to 100-200 today) on an ongoing basis, efficiently disseminating knowledge and best practices, and answering questions in real time. Modules include broadcast and one-on-one messaging, irrigation, fertilization, crop protection, and yield management. This allows advisors to provide better professional guidance, gain larger farmer coverage and reach, shorten response time, save time and effort on communications, and better prioritize farmer visits.

2. Cultivu farmer smartphone app: links farmers with local advisors who know their crops, environmental conditions, and challenges. Farmers receive ongoing recommendations across the crop cycle. They have easy access to a database of local knowledge and best practices, such as recommended irrigation tables and disease identification and treatment tools. They can also send questions or photos and receive personalized advice and instructions. In addition, farmers can access a set of farm management tools to improve input purchasing and management, and track tasks and activities.

Goal
By helping small farmers improve productivity across regions, Cultivu's seeks to improve food security and quality, accelerate economic development, and ensure environmental sustainability.
Expanding the implementation of Galcon control systems in the Ag and landscape markets of SE Asia.

www.galconc.com

Galcon

Categories:
- Precise Agriculture
- Irrigation

Subcategories:
- Climate control
- Fertilizer injectors
- Sensors

Company at a Glance
Galcon is a leading manufacturer of smart monitoring and control irrigation solutions for home owners, professionals and agriculture.
We offer a wide range product line from single standalone battery operated controller to multi stations, wireless, web based irrigation and Fertigation system.
Our products are designed to increase yield by optimal irrigation while conserving the valuable water resources and reducing the energy consumption.
Established in 1983, Galcon is headquartered in Kfar Blum, Israel. It is owned by Kibbutz Kfar Blum
Galcon currently sells its products in over 60 countries around the world.
Galcon's main division:

Agriculture Applications
Our new, state-of-the-art irrigation systems and controllers series is designed for agricultural use: open fields, greenhouses and climate control. From the simplest to the most complex application, we have the answers.

Residential Gardening Controllers
Our wide range of DIY (Do it yourself) user-friendly, AC electric & DC battery-operated controllers are ideal for the amateur home gardener interested in perfecting a personal green thumb.

Turf & Landscape Irrigation Control
We offer an extensive array of specialized AC electric & DC battery operated controllers including wireless irrigation controllers and smart, web based controllers, designed for professionals.
The GSI irrigation controller is a central control, web based system for irrigation and water budgeting for public landscapes. It continues the legacy of Galcon irrigation products that are famous for their simplicity, efficiency and reliability at reasonable cost.

Technology & Products
- Irrigation controllers for Agriculture
- Greenhouse control systems
- Web based control systems
- Precise fertigation systems
- EC/PH monitoring
- Timers for landscape and for agriculture use

Goal
Expanding the implementation of Galcon control systems in the Ag and landscape markets of SE Asia.
Company at a Glance
Green 2000 Ltd. is one of Israel's leading companies for agricultural supplies and know-how. With over 20 years of experience in projects all over the world and in Israel, its home land, Green 2000 Ltd. offers a professional turn-key management service, from consultation to a full designed, constructed and equipped agricultural project. Our projects can be adjusted to different climate zones such as extremely high temperatures, tropical and dry areas, and different projects such as greenhouses, dairy, irrigation, open-field crops, processing crops, cut flowers, poultry and others.

Mr. Refael Dayan, the founder and CEO of Green 2000 Ltd., is known for establishing and managing some of Israel's research institutes in the ARAVA region also known for its big amount of greenhouses. Green 2000 Ltd. maintains constant relations with Israeli research institutes in Israel until this day so it can provide its customers with advanced growing techniques along with state-of-the-art equipment and personal service.

Technology & Products
Green 2000 Ltd. has established several Agricultural Services and Training Centers (ASTC), which have been proven as an efficient way to promote the local community. By providing them with equipment, inputs and need guidance, these centers help develop the rural areas and improve the rural areas economy.

In addition, through its brand “Green Seeds”, Green 2000 Ltd. breeds and develops special variety lines of vegetable seeds like tomatoes, pepper, melon, watermelon and many others. Green Seeds varieties can be found in many countries around the world.

Green 2000 Ltd. represents in Israel several leading companies selling their products in the Israeli market along with know-how, to bring the best performance to the products.

Goal
Green 2000 Ltd. is ready and prepared to provide the best equipment, know-how, service and ongoing management, together with know-how transfer and training for the benefit of your agricultural project.

www.green-ltd.com
Company at a Glance

Herman Zemel company specializes in planning, manufacturing and building agricultural and Industrial Construction projects worldwide. Our activities cover four main fields of enterprise: Farming & Agriculture, Water pipelines, Industrial plants and Housing.

Technology & Products

The company has several departments in various fields: Agriculture and livestock, water transport and pre-fabricated construction of industrial plants and buildings, as well as residential homes. With all of our projects, we accompany the client, from initial planning and engineering, characterization of the project, construction and supervision of the work process, up to key delivery with complete client’s satisfaction. Our experts would escort the project after delivery to assure the high level of production and maintenance. Our engineering team has accumulated experience and professional knowledge with which we can plan and produce the correct solution in accordance with the quality standards of the customer’s choice.

Goal

Herman Zemel's main goal is to give our customers the appropriate technology and the building standard of their choice from design and planning to full satisfaction at Turn–Key stage.
NaanDan Jain Irrigation Ltd.

Categories:
- Irrigation
- Water Supply
- Greenhouses & Control Systems

Sub Categories:
- Pipes - PVC & PE
- Tissue Culture Plants

Company at a Glance
NaanDan Jain Irrigation Ltd., owned by Jain Irrigation Systems Ltd., India, a global irrigation and water supply company, provides technological leadership with the widest range of cost-effective and customized solutions. With over 70 years of experience in more than 100 countries. NaanDan Jain & Jain offer top quality products that deliver higher productivity per unit of resources “More crop for a drop”. Our expertise contributes to higher crop yields, lower risks, and savings of precious resources. The merger of NaanDan Jain and Jain Irrigation has created an enriching with significant expansion of the products portfolio, R&D activities, and worldwide sales and marketing network and created “The One Stop Shop” for the water and agro Sector.
NaanDan Jain is involved in major international agro–projects. Our engineers, agronomists and economists will work closely with you from planning through to project establishment and support, to help you optimize production and adapt to dynamic market demands.
Date of establishment: 1937
No. of employees: 600, Total Jain Group: 10,000

Technology & Products
NaanDan Jain’s & Jain’s extensive products range includes comprehensive water & irrigation technologies for open field, greenhouses and nurseries, residential and landscape areas, and industry. These technologies include a wide range of integrated round regular and pressure-compensated drip line systems, thin wall drip line and taps, micro- and mini-sprinklers for climate control and irrigation, diverse metal and plastic agricultural sprinklers, as well as landscape applications incorporating gear and impact pop-up sprinklers. With “Gavish” we supplying Control Systems for Irrigation, Climate, Fertigation, Green House and open field. With Jain we supplying Tissue Culture plants of Banana, Pomegranate and other crop.
We manufacture all kinds of plastic, PVC & P.E pipes for water supply, irrigation, desalination, photo volte cells and supplying solar pumps.

Goal
NaanDan Jain is looking for:
Cooperation with public and private organizations in: irrigation, water and agro projects, including turn-key projects. Supplying all types of drippers, sprinklers, pipes, greenhouses.
Contact to Mr. Amnon Ofen. amnon_o@naandanjain.com
Company at a Glance

Netafim is the global leader in drip and micro-irrigation solutions, as well as a greenhouse projects supplier for a sustainable future. With 27 subsidiaries, 16 manufacturing plants, and over 4,000 employees worldwide, Netafim delivers innovative solutions to growers in over 110 countries across the globe. Founded in 1965, Netafim pioneered the drip irrigation revolution, creating a paradigm shift toward low-flow agricultural irrigation. Today, Netafim offers a wide range of state-of-the-art irrigation and complementary solutions for agriculture, landscaping and mining. From drippers and drerrerlines, through sprinklers and micro-emitters, to crop management technology (CMT) and greenhouse systems, Netafim’s market-leading products and services enable cost-effective agricultural irrigation for optimal and sustainable results.

Technology & Products

Since pioneering the drip irrigation technology in 1965, Netafim has remained at the forefront of the industry by leveraging our technological expertise to develop the world’s most innovative and cost-effective solutions that improve yields and quality with fewer resources.

Our products anchor a comprehensive array of irrigation systems and computerized monitoring and fertilization control systems across myriad applications, including open-field row crops, orchards, vineyards and greenhouses. Our cutting-edge drippers offer the industry's lowest flow rates to reduce energy usage. Our state-of-the-art dripperlines not only provide the highest level of clogging resistance to ensure effective irrigation patterns and high water utilization rates, but also are the thinnest in the industry, thereby reducing production costs. And our precise, reliable and low-cost automated solutions are easy to install, use and maintain, allowing growers to focus on what they know best while leaving the irrigation to us.

Goal

To make drip the irrigation solution of choice by delivering comprehensive solutions that are reliable, simple and affordable, while ensuring outstanding results and peace of mind for our clients worldwide.
Palgey – Maim

Categories:
- Agro-Technology

Subcategories:
- Hydraulic Design
- Fish Farm
- Water
- Waste
- Water & Drainage

Company at a Glance
Palgey Maim was founded in 1973 as an expert engineering company. Areas of business encompass and include the initiation of projects, construction and performance in sewer, drainage and water, managing water systems and wastewater, planning, close supervision, project management, agricultural planning, management systems and industrial waste water, effluent recycling, disposal and treatment of water and wastewater. Another specialty of the company is the area of aquaculture. Palgey Maim (Water Streams) specializes in designing systems for fishponds that last for many years and has experience in a large variety of fish system technology – both intensive and extensive farming systems integrating fisheries and irrigation, and more. The company has many years of experience with a variety of fish crops.

Technology & Products
We offer an expert design for any hydraulic challenge:
- Fish farms – extensive and intensive
- Water supply system
- Water supply plants
- Drainage – urbanite and agricultural
- Waste water treatment plans
- Pump station

Goal
Palgey Maim considers as a target, planning fish farms and aquaculture throughout Africa, and implementation of agricultural projects, addressing the problem of food security by utilizing the knowledge and experience of the company in designing an optimal construction of the projects.
Company at a Glance
TAHAL Group has extensive experience in the transformation of desert and wasteland areas into productive agricultural resources, leading the way to improved food security and economic well-being. The company has been a driving force in rural and agricultural development efforts in developing countries across the globe. We offer our clients a market driven approach for sustainable integrated solutions, transforming challenging situations into successful agricultural enterprises. Our unique experience has led to development of new technologies and work methodologies that allow agricultural development under highly challenging and extremely harsh environmental conditions. TAHAL’s comprehensive and holistic approach includes regional and nationwide master planning, feasibility studies, environmental & social impact assessment, financial and economic analysis, detailed design and tender document preparation, as well as turnkey projects that include mobilization of funds, procurement and construction.

Technology & Products
Areas of expertise include:
- Business-oriented agricultural planning based on market, soil and climatic conditions
- Introduction of new crops to a country’s agricultural base
- Irrigation planning, maintaining a sustainable balance between irrigated and rainfed production
- Advanced irrigation and drainage systems
- Agro-industry enterprises, with onsite value-added production
- Post-harvest facilities and logistics solutions
- Agricultural service and training centres
- Institutional strengthening and capacity building of extension services

TAHAL Group has carried out hundreds of successful projects worldwide, including:
- Angola – Quiminha Integrated Agricultural and Regional Development Project
- Botswana – National Master Plan for Arable Agriculture & Dairy Development (NAMPAADD)
- Colombia – Baja Guajira Irrigated Development Project
- Israel – Kikar Sedom Agricultural Extension (for production on marginal land under extreme soil and climatic conditions)
- Nepal – Bhairawa-Lumbini Groundwater Irrigation Project
- Panama – Arco Seco Integrated Irrigation for Export of Agricultural Products
- Turkey – Yaylak Plain Irrigation Project

Goal
To transform ideas into reality, with integrated, creative, sustainable and cost-effective solutions for one of the most critical challenges we face today – provision of food and water for people everywhere.
Company at a Glance
Top Greenhouses Ltd. is one of the leading companies in Israel providing a wide range of turn-key agricultural projects and solutions for growers and investors around the globe. Employing an experienced staff of professionals with a variety of specialties in cultivation and agricultural technologies, Top Greenhouses works closely with growers to assess their needs and objectives and evaluate site climate conditions and crop growth requirements. Each project is then tailored to the customer’s specifications, budgeted and implemented. Top Greenhouses closely supervises its projects from the feasibility study through delivery, providing professional counseling and guidance to the client at every stage along the way. Top Greenhouses continues its involvement through the first growing cycle, to ensure the continued success of the project.

Technology & Products
Top Greenhouses’ experts in agronomy, agro-technology and agro-economics work side-by-side with customers to execute turnkey projects, which elevate agriculture to a new plane – higher levels of quality, yield and profitability. By sharing its knowledge and experience, the Company helps create a viable, economical and profitable growth environments, ensuring that customers get the greatest yield from their investment – in both senses of the word. Top Greenhouses is responsible for the design, construction and installation of each project and in some cases – for the maintenance and operation of the project as well. We specialize in the design and installation of greenhouses providing integral equipment for turnkey projects such as: growing systems; water systems; climate control; nursery equipment; packing houses & refrigeration rooms.

Goal
Top Greenhouse’s vision is to provide global customers with the smartest, most economical methods of growing abundant, healthy, top-quality agricultural products through the use of state-of-the-art greenhouses and related technologies.
The Israel Export & International Cooperation Institute

The Israel Export & International Cooperation Institute, a non-profit organization supported by the government of Israel and the private sector, facilitates business ties, joint ventures and strategic alliances between overseas and Israeli companies. Charged with promoting Israel’s business community in foreign markets, it provides comprehensive, professional trade information, advice, contacts and promotional activities to Israeli companies, and to business people, commercial groups, and business delegations from abroad.

By providing a wide range of export-oriented services to Israeli companies and complementary services to the international business community, the Institute helps build successful joint ventures, strategic alliances, and trade partnerships.

Water, Cleantech, and Agro-Technologies Department

The IEICI’s Water, Cleantech, and Agro-Technologies Department is closely connected with the sector’s exporters, which includes more than 800 companies and approximately 300 start-ups. The department has a proven ability to identify and match suitable, potential business partners as well as organize one-on-one business meetings. It is also a focal point for contacts with the government and industry.

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