



COMPANY PROFILE





Contributing to the Underlying Strengths for a Stable Food Supply and Agriculture

In 1928, Nihon Nohyaku Co., Ltd. was established as Japan's first company to specialize in crop protection products. As a company that is dedicated to protecting the food supply and greenery, Nihon Nohyaku puts research, development, and the widespread promotion of crop science products at the heart of its business activities. In fulfilling this integral role in society, we have continued to pursue technological innovation.

The world's population is projected to increase rapidly and is estimated to reach 9.7 billion by 2050. There are concerns that this population growth and a change in the structure of demand will cause the global supply and demand of crops to tighten. With the pressing need to lift the yield per cultivated area with homogeneous quality, and to increase agricultural productivity to ensure a long-term, stable supply, crop science products are expected to play an increasingly important role in identifying solutions.

Our mission is to help increase agricultural production for the stable supply long-term. To this end, we continue to develop and provide crop science products that offer excellent efficacy, high cost-performance, and safety in Japan and overseas. In working to strengthen our crop science products discovery platform and business competitiveness by promoting growth strategies from a global perspective, we will contribute to the future of food and agriculture while actively engaging in CSR activities.

Corporate Philosophy

- We contribute to society by ensuring a safe and steady food supply and improving the quality of life for all.
- We fulfill market needs by creating superior values with innovative technologies.
- We commit to be a trustworthy company for all stakeholders through our fair and vigorous business activities.



OUR VISION

GROUP VISION

Nichino Group – *Growing Global*

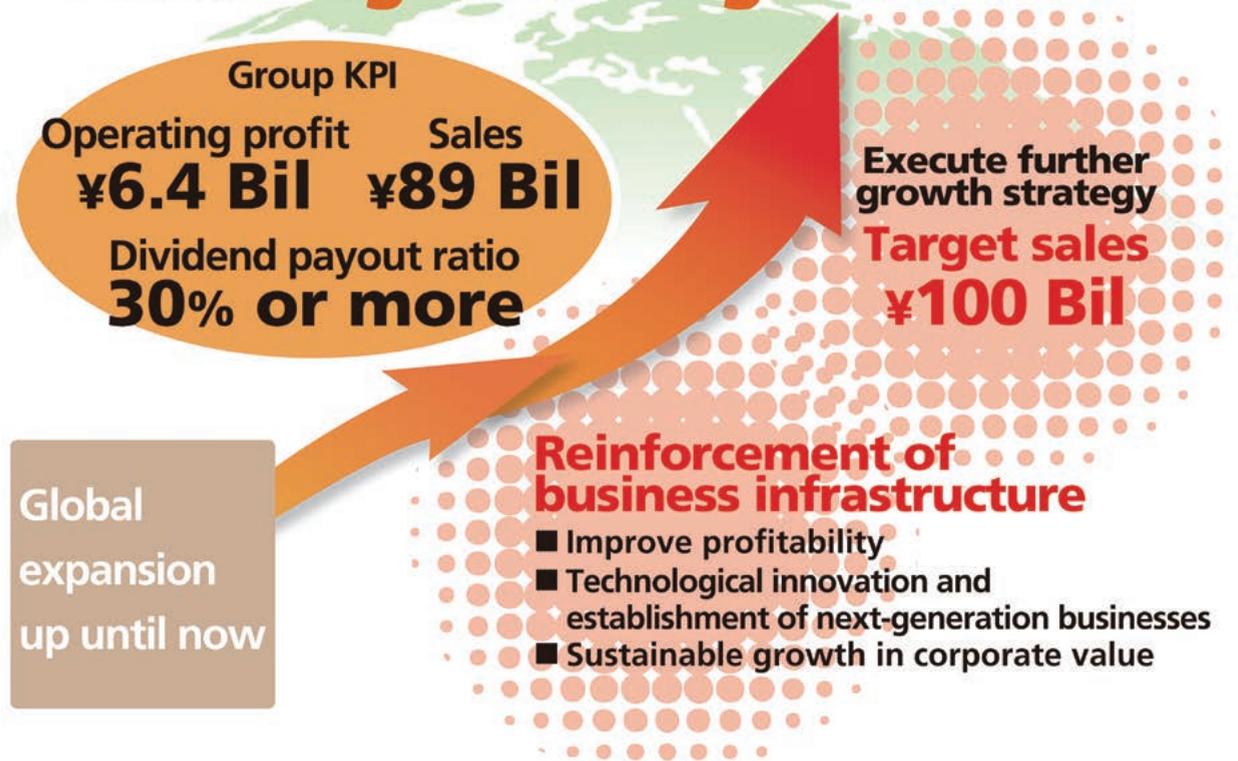
Supporting agricultural production and healthy lifestyles by providing advanced technologies that meet customer needs, such as new crop science products, pharmaceuticals, and animal health products.

Contributing to a sustainable society by expanding products and services that contribute to the SDGs, such as products with low environmental impact and labor-saving technologies.

Aiming to Attain Our Vision: The Basic Policies of Our Medium-Term Management Plan

To achieve our Group Vision, we have set up a corporate statement, “Global Innovator for Crop & Life” and will continue to strengthen our foundation to solidify “Growing Global” following the previous Mid-term Management Plan. To strengthen the foundation, in addition to improving profitability including expansion of group synergies, the basic policy is to innovate, establish next-generation businesses, and continuously improve corporate value, and to promote agricultural production and healthy lifestyles with advanced technology. We aim to be a corporate group that supports and contributes to a sustainable society.

Ensuring Growing Global 2



BUSINESS ACTIVITIES AND MAIN PRODUCTS

With an unwavering commitment to safety and quality, Nichino Group is mainly engaged in the research and development, manufacture and sale of crop science products. At the same time, we have expanded our activities into such wide-ranging fields as chemical products as well as pharmaceuticals and animal health products.

Crop Science Products



Main Products

With its cultivated research and development capabilities and trust as Japan's first manufacturer of crop protection products, Nihon Nohyaku has extended its operations beyond the shores of Japan to actively enter overseas markets. Taking into consideration the local environments and needs, we are working to spread the technological advisory of crop science products use that are suitable for each community.

Insecticide			Major Countries of Sales (outside of Japan)
Common Name	Major Trade Name	Major Target Pests or Efficacy	
flubendiamide	PHOENIX, TAKUMI, KATANA	Insecticide for horticulture and turf Lepidoptera pests	Argentina, India, Korea, Morocco, Tunisia, Turkey, Vietnam
buprofezin	APPLAUD, COURIER	Insecticide for paddy rice and horticulture Planthoppers, Jassids, Scales, Mealybugs, Whiteflies, Bulb mites	Australia, Brazil, Guatemala, India, U.S.A.
fenpyroximate	ORTUS, DANITRON	Insecticide and Acaricide for horticulture Spider mites, Scales	Brazil, Chile, Egypt, Mexico, Poland, Spain, Thailand, U.S.A.
tolfenpyrad	HACHI-HACHI, APTA, TORAC, BEXAR, TYCHI, AOBA	Insecticide and Fungicide for horticulture Aphids, DBM, Green Caterpillars, Thrips, Whiteflies, Leafminers, Powdery mildew, Rust	Colombia, India, Mexico, Oman, Peru, UAE, Taiwan, Thailand, U.S.A., Vietnam
tebufenpyrad	PYRANICA	Insecticide(Acaricide) and Fungicide for horticulture Spider mites, Aphids, Powdery mildew	Korea, Mexico, Spain, Thailand
pyrifluquinazon	COLT, RYCAR, PQZ, CLASTO, ZINGALA	Insecticide for horticulture Hemiptera pests, a part of thrips	India, Korea, Mexico, Oman, Pakistan, Saudi Arabia, U.S.A.
pyflubumide	DANIKONG	Acaricide for horticulture Spider mites	Jordan, Korea
benzpyrimoxan	ORCHESTRA, ORCHESTRA DUET	Insectide for paddy rice Planthoppers	India

Fungicide			Major Countries of Sales (outside of Japan)
Common Name	Major Trade Name	Major Target Pests or Efficacy	
flutolanil	MONCUT, CONVOY	Fungicide for paddy rice and horticulture Sheath blight, White mold, Seedling blight, Root rot (caused by Rhizoctonia), Black scurf	Belgium, Brazil, Egypt, France, Germany, Mexico, Netherlands, U.K., U.S.A.
isoprothiolane	FUJI-ONE	Fungicide for paddy rice, PGR Rice Blast, Healthy seedling Growth, Improvement of grain ripening, Decrease in white immature grains, Rooting Facilitation	China, Colombia, Egypt, India, Peru, Vietnam
tiadinil	V-GET	Fungicide for paddy rice (SAR) Rice Blast, Bacterial disease	Korea
fenoxanil	ACHI-BU, KATANA, HELMET	Fungicide for paddy rice Rice Blast	Korea, Taiwan, Vietnam
pyraziflumid	PARADE	Fungicide for horticulture Broad spectrum fungicide for vegetables, fruits, and turf	Korea

Herbicide			Major Countries of Sales (outside of Japan)
Common Name	Major Trade Name	Major Target Pests or Efficacy	
pyraflufen-ethyl	ECOPART, THUNDERBOLT, ET, KABUKI	Herbicide for wheat and turf, Defoliant for cotton, Potato desiccant, NSH, Cotton, Potato	Argentina, Australia, Canada, Egypt, Germany, Italy, Netherlands, South Africa, U.S.A.
orthosulfamuron	STRADA, CRAZE, SPRINT, KELION	Herbicide for paddy rice, sugar cane ripening Broad leaf weeds	Brazil, Korea, Pakistan, U.S.A.



flubendiamide (India)



buprofezin (U.S.A.)



flutolanil (U.S.A.)



benzpyrimoxan (India)

Chemical Products

 In our chemical products business, we handle a wide range of products including those for use in home gardening, greenery, and termite control.

Pharmaceuticals and Animal Health Products

 In Japan and overseas, we are operating a topical anti-fungal agents business (drugs for athlete's foot), which were derived from our fungicide research.

Others

 We are also active in a variety of fields including landscape work, residue analysis in foods, and real estate rental.

A NETWORK THAT EXTENDS ACROSS THE WORLD

Nihon Nohyaku is actively engaged in the development and promotion of crop science products. While upgrading and expanding our three core bases in Asia, the Americas, and Europe, we have acquired the registration of our crop protection products in more than 100 countries and regions worldwide.

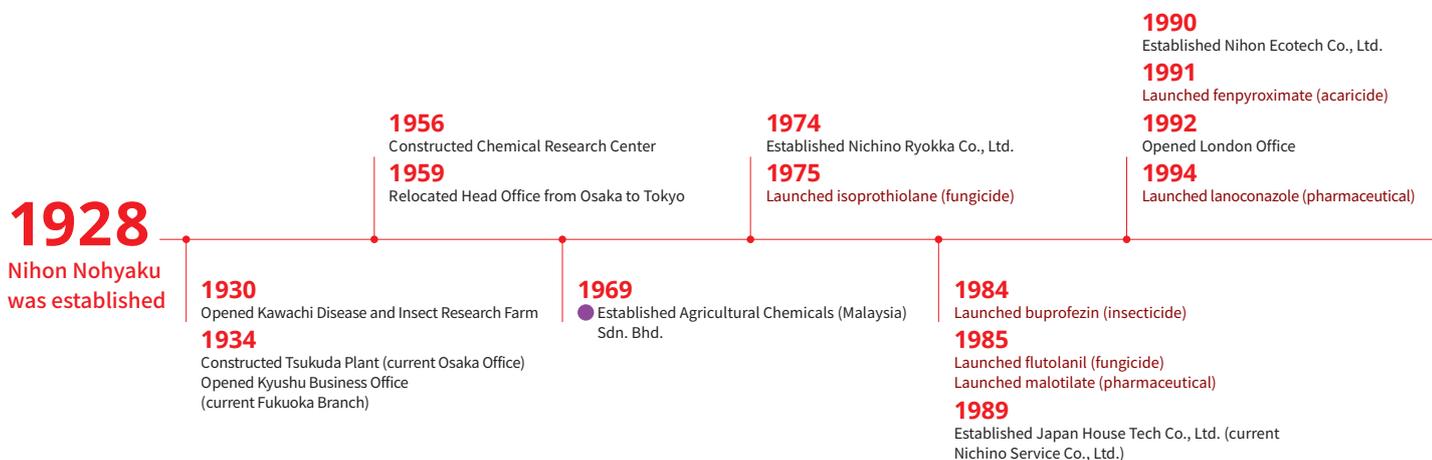
- ★ Domestic base
- ◆ Overseas group company
- Overseas investing company
- Satellite office

Registration Number of Nichino Group's Crop Protection Products

More than **100** countries and regions worldwide



HISTORY



Overseas Sales Ratio (Consolidated)

71.9%

Proactively advancing overseas development and expanding sales

Ratio of R&D Expenses to Net Sales (Non-consolidated)

8.0%

Maintaining a high ratio within the industry, strengthening R&D capabilities

Number of Employees (Consolidated)

1,567

632 employees in Japan and 935 employees overseas who play active roles on the global stage

Ratio of Female Employees in Management Positions (Non-consolidated)

8.4%

Encouraging to target over 22% in FY2030

(As of March 2023)



2001

Established Nichino America, Inc.

2002

Acquired agrochemical business of Mitsubishi Chemical Corp. and portion of Tomono Agrica business; tolfenpyrad and tebufenpyrad (insecticides), indanofan (herbicide), and basic copper sulfate (fungicide)

2003

Launched tiadinil (fungicide)

2010

Launched metaflumizone and pyrifluquinazon (insecticides)

2011

Established Nichino Shanghai Co., Ltd.

2014

Acquired AgriMart Corporation
Acquired 50% share of Sipcarn Agro S. A. (current Sipcarn Nichino Brasil S. A.)
Established Nichino do Brasil Agroquímicos Ltda.

2017

Established Nichino Vietnam Co., Ltd.

2018

Acquired Adnicol S. A. S. (current Nihon Nohyaku Andica S. A. S.)
Launched pyraziflumid (fungicide)
Concluded capital and business alliance agreement with ADEKA Corporation

1995

Constructed Research Center
Opened New York Office

1996

Established Taiwan Nihon Nohyaku Co., Ltd.

1999

Launched pyraflufen-ethyl (herbicide)

2005

Opened Shanghai Office
Launched luliconazole (pharmaceutical)

2007

Established Nichino Europe Co., Ltd.
Launched flubendiamide (insecticide)
Launched pyriprole and metaflumizone (animal health products)

2015

Consolidated Hyderabad Chemical Ltd. (current Nichino India Pvt. Ltd.)
Launched pyflubumide (acaricide)

2016

Consolidated Sipcarn Nichino Brasil S. A.
Launched pyriprole (termiteicide)

2020

Nichino America, Inc. established a subsidiary Nichino México S. de R.L. de C.V.

2021

Launched benzpyrimoxan (insecticide)

2022

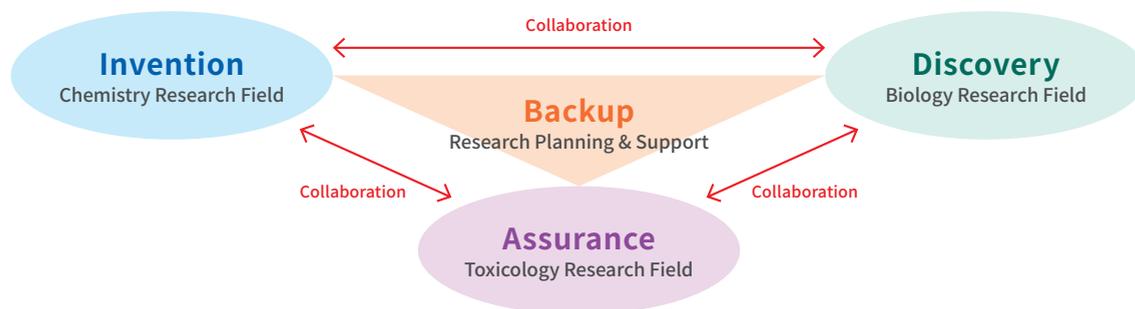
Established Nichino Korea Co., Ltd.

2023

Nichino Europe Co., Ltd. acquired Interagro (UK) Ltd.
Established Nichino Chile Sociedades por Acciones

R&D CAPABILITIES THAT CREATE NEW VALUE

We have continuously developed new crop science products that are attuned to the needs of the era from a global perspective in order to contribute to the sustainable supply of an abundance of food and to protect the environment. On an ongoing basis, we aim to invest approximately 10% of net sales in R&D to serve as a driving force and to launch new active ingredients at a rate of “one agent every three years.”



Invention Chemistry Research Field	Discovery Biology Research Field	Assurance Toxicology Research Field	Backup Research Planning & Support
<p>In exploratory research, we introduce new research methods such as computational science on the synthesis of compounds with new chemical structures and physiological actions, and develop them widely. We are also focusing on process chemistry research aimed at reducing the environmental impact and cost of active ingredients, as well as formulation research aimed at maximizing biological performance.</p> <ul style="list-style-type: none"> • Synthesis of new compounds • Building and improving manufacturing processes • Pursuit of reduction of environmental impact and product cost 	<p>Our aim is to discover new compounds through flexible targeting that meets global market conditions and changes as well as the unique evaluation system that can detect variable biological characteristics. We are also working to maximize sales and extend the lives of existing products through the development of new mixtures and applications.</p> <ul style="list-style-type: none"> • Investigation of biological characteristics • Study on modes of action • Pursuit of business opportunities other than crop science fields 	<p>We are pursuing the safety of new crop science products not only for humans and animals, but also for the total environment, as well as global registrability from multilateral perspectives. Considerable efforts have continuously been made to establish a new evaluation system to reduce the period and resources for the phase, which can also contribute to animal welfare.</p> <ul style="list-style-type: none"> • Toxicology studies • Environmental fate and toxicology studies with risk assessment • Development of new technology for potential risk prediction 	<p>We seek to increase opportunities for collaboration with 3rd parties not only to enhance research activities but also to expand research fields. We always support researchers and their activities by improving the research environment, including construction and maintenance of original databases. Development of IP strategies to maximize our business is also one of important roles.</p> <ul style="list-style-type: none"> • Research environment maintenance • Research seed generation • IP maximization

CSR ACTIVITIES

Nichino Group commits to meet the diverse and changing needs of society through technological innovation and has strengthened its CSR promotion structure in recent years. We will make a concerted Group-wide contribution to ensure safe and steady food supplies and improve the quality of life for all.

CSR Basic Policy
“Contributing to Food and the Environment / Society through Technological Innovation”
 Based on the Basic Principles of Nihon Nohyaku Group, we will contribute to the society by continuing to take on challenges to ensure sufficient food through technological innovations and to protect affluent lifestyles and the environment.

Basic Human Rights Policy
 Nihon Nohyaku Group respects the human rights and diverse values of all our stakeholders, including our customers, and aims to achieve a society free of discrimination and prejudice.

SDG INITIATIVES

In addition to contributing to the global challenge of ‘ZERO HUNGER’ by stabilizing crop production and food supply, Nichino Group diligently works to achieve the SDGs through diverse and proactive business development activities that address global social needs, such as the promotion of smart agriculture using cutting-edge technology as well as research and development in eco-harmonized products.



AI Diagnosis System on Disease, Pests & Weeds

Nihon Nohyaku pioneers smart agriculture and is building an integrated crop protection system for the next generation.



Eco-harmonized Products

We are globally developing products, not only chemically synthesized, but also biological products, biostimulants, etc., with minimal impacts on the environment.



Signing ceremony at Osaka Prefectural Embassy July 20, 2023

Participating in Osaka Prefecture Adopt Forest System

Nihon Nohyaku Research Center (Osaka Prefecture) is participating in Osaka Prefecture Adopt Forest System and is involved in local forest regeneration activities.

CORPORATE DATA (As of September 2023)

Company Name Nihon Nohyaku Co., Ltd.
Head Office 19-8, Kyobashi 1-Chome,
 Chuo-ku, Tokyo 104-8386
 Tel: +81-570-09-1177

Founded November 17, 1928
Capital 14,939 million yen

Main Business Manufacture, import, export, and sale of a variety of products including crop protection products, crop aid products, pharmaceuticals, animal health products, industrial chemicals, wood preservatives, and agricultural materials

Board of Directors

Director, Chairman	Yosuke Tomoi
Representative Director, President	Hiroyuki Iwata
Representative Director, Vice President	Koji Shishido
Director	Akio Kohri Haruhiko Tomiyasu
Director (Outside)	Yasunori Matsui Masuyo Ohtani Noboru Matsumoto
Director, Audit & Supervisory Committee Member	Yoshiaki Higashino
Director, Audit & Supervisory Committee Member (Outside)	Iwao Toigawa Chizuko Nakata Yoshiko Oshima

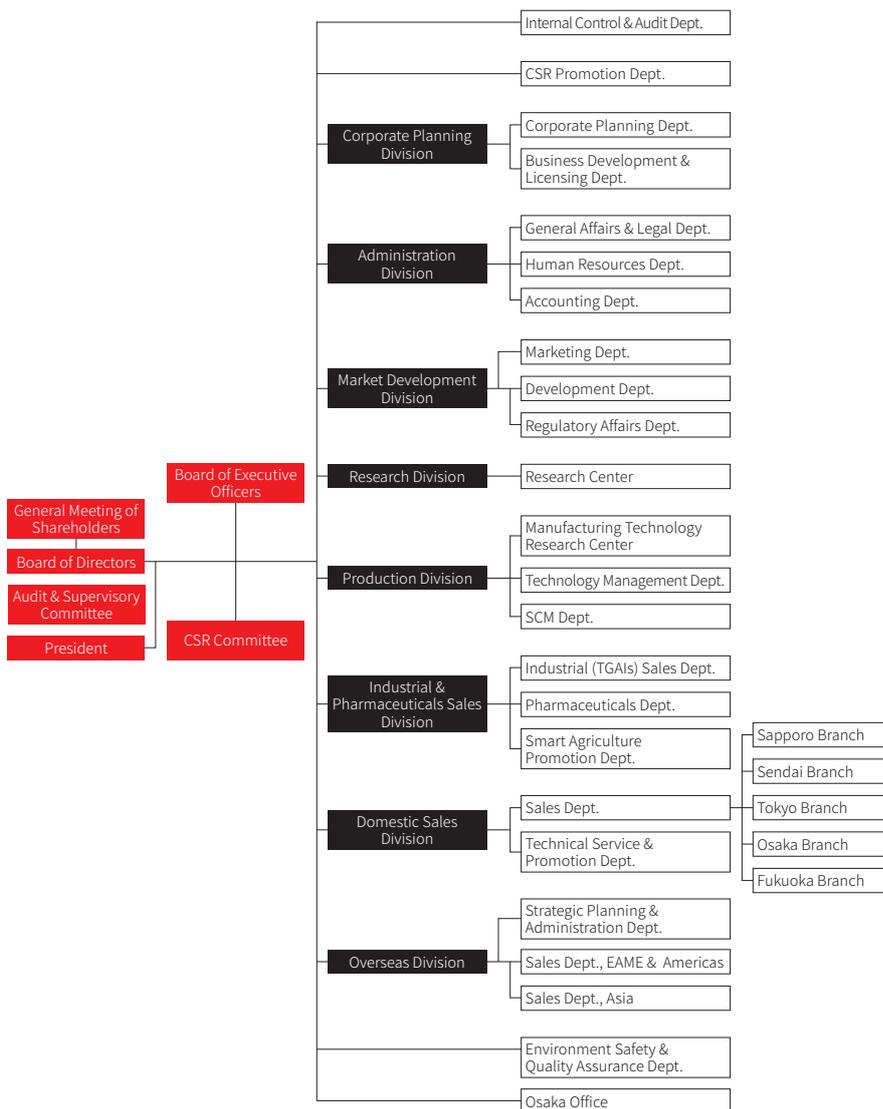
Executive Officers

Managing Executive Officer	Hideo Yamamoto Jeffrey R. Johnson
Senior Executive Officer	Junjiro Inoshita Shiro Takahashi Kazuhiko Motoba Tetsuyoshi Nishimatsu Yoshitaka Taniyama
Executive Officer	Tadashi Tanimoto Hiroshi Okumura Manfred Hilweg Isao Ishimura Toshitomo Tanaka Shinsuke Fujioka Nobuyuki Shimoyama Yasuhiro Fujita

Business Offices

Head Office
 Sapporo Branch
 Sendai Branch
 Tokyo Branch
 Osaka Branch
 Fukuoka Branch
 Research Center
 Naganuma Nursery
 Osaka Office

Organization



Main Group Companies

Companies in Japan
 Nichino Ryokka Co., Ltd.
 Nichino Service Co., Ltd.
 Nihon Ecotech Co., Ltd.
 AgriMart Corporation

Overseas Companies

Nichino America, Inc.
 Nichino Europe Co., Ltd.
 Taiwan Nihon Nohyaku Co., Ltd.
 Nichino Shanghai Co., Ltd.
 Nichino do Brasil Agroquímicos Ltda.
 Nichino India Pvt. Ltd.
 Sipcam Nichino Brasil S.A.
 Nichino Vietnam Co., Ltd.
 Nihon Nohyaku Andica S.A.S.
 Nichino México S. de R.L. de C.V.
 Nichino Korea Co., Ltd.
 Interagro (UK) Ltd.
 Nichino Chile Sociedades por Acciones

Visit our website

• Corporate website
<https://www.nichino.co.jp/en/index.html>



• CSR website
<https://www.nichino.co.jp/en/csr/index.html>

