

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 agrochemicals. As a company that is dedicated to protecting food supply and greenery, Nihon Nohyaku puts research, development, and the widespread promotion of agrochemicals 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 unit area of agricultural produce that is of uniform quality, and to increase agricultural productivity in a bid to ensure long-term, stable supply, agrochemicals are expected to play an increasingly important role in identifying solutions.

Our mission is to help increase agricultural production in order to secure this long-term, stable supply. To this end, we continue to develop and provide agrochemicals that offer excellent efficacy, cost-performance, and safety in Japan and overseas. In working to strengthen our agrochemical 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*

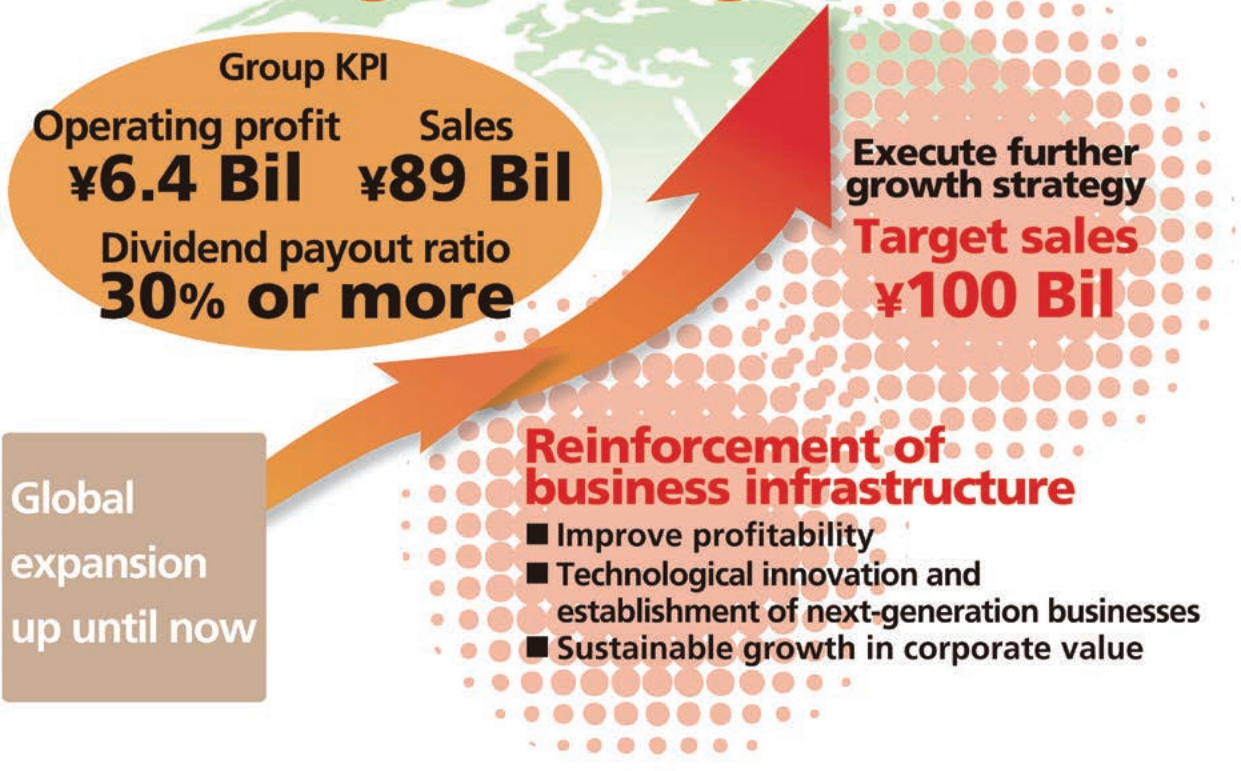
Supporting agricultural production and healthy lifestyles by providing advanced technologies that meet customer needs, such as new agrochemicals, pharmaceuticals, and animal health products.

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 agrochemicals. 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.



Main Products

With its cultivated research and development capabilities and trust as Japan’s first manufacturer of agrochemicals, 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 agrochemical use that are suitable for each community.

Insecticide			
Common Name	Major Trade Name	Major Target Pests or Efficacy	Major Countries of Sales (outside of Japan)
flubendiamide	PHOENIX, TAKUMI, KATANA	Insecticide for horticulture and turf Lepidoptera pests	Egypt, India, Korea, Morocco, Tunisia, Turkey, Vietnam
buprofezin	APPLAUD, COURIER	Insecticide for paddy rice and horticulture Planthoppers, Jassids, Scales, Mealybugs, Whiteflies, Bulb mites	Brazil, Egypt, 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	Insecticide and Fungicide for horticulture Aphids, DBM, Green Caterpillars, Thrips, Whiteflies, Leafminers, Powdery mildew, Rust	Colombia, Dominica, India, Mexico, Peru, Taiwan, Thailand, U.S.A.
tebufenpyrad	PYRANICA	Insecticide(Miticide) and Fungicide for horticulture Spider mites, Aphids, Powdery mildew	Korea, Mexico, Spain, Thailand, Ukraine
pyrifluquinazon	COLT, RYCAR, PQZ	Insecticide for horticulture Hemiptera pests, a part of thrips	Korea, Mexico, Pakistan, U.S.A.
pyflubumide	DANIKONG	Acaricide for horticulture Spider mites	Jordan, Korea
benzpyrimoxan	ORCHESTRA	Insecticide for paddy rice Planthoppers	India
Fungicide			
Common Name	Major Trade Name	Major Target Pests or Efficacy	Major Countries of Sales (outside of Japan)
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			
Common Name	Major Trade Name	Major Target Pests or Efficacy	Major Countries of Sales (outside of Japan)
pyraflufen-ethyl	ECOPART, THUNDERBOLT, ET, KABUKI	Herbicide for wheat and turf, Defoliant for cotton, Potato desiccant, NSH, Cotton, Potato	Argentina, Australia, Canada, Egypt, France, Germany, Italy, Netherlands, U.K., 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

Pharmaceuticals and
Animal Health Products

Others



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



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



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

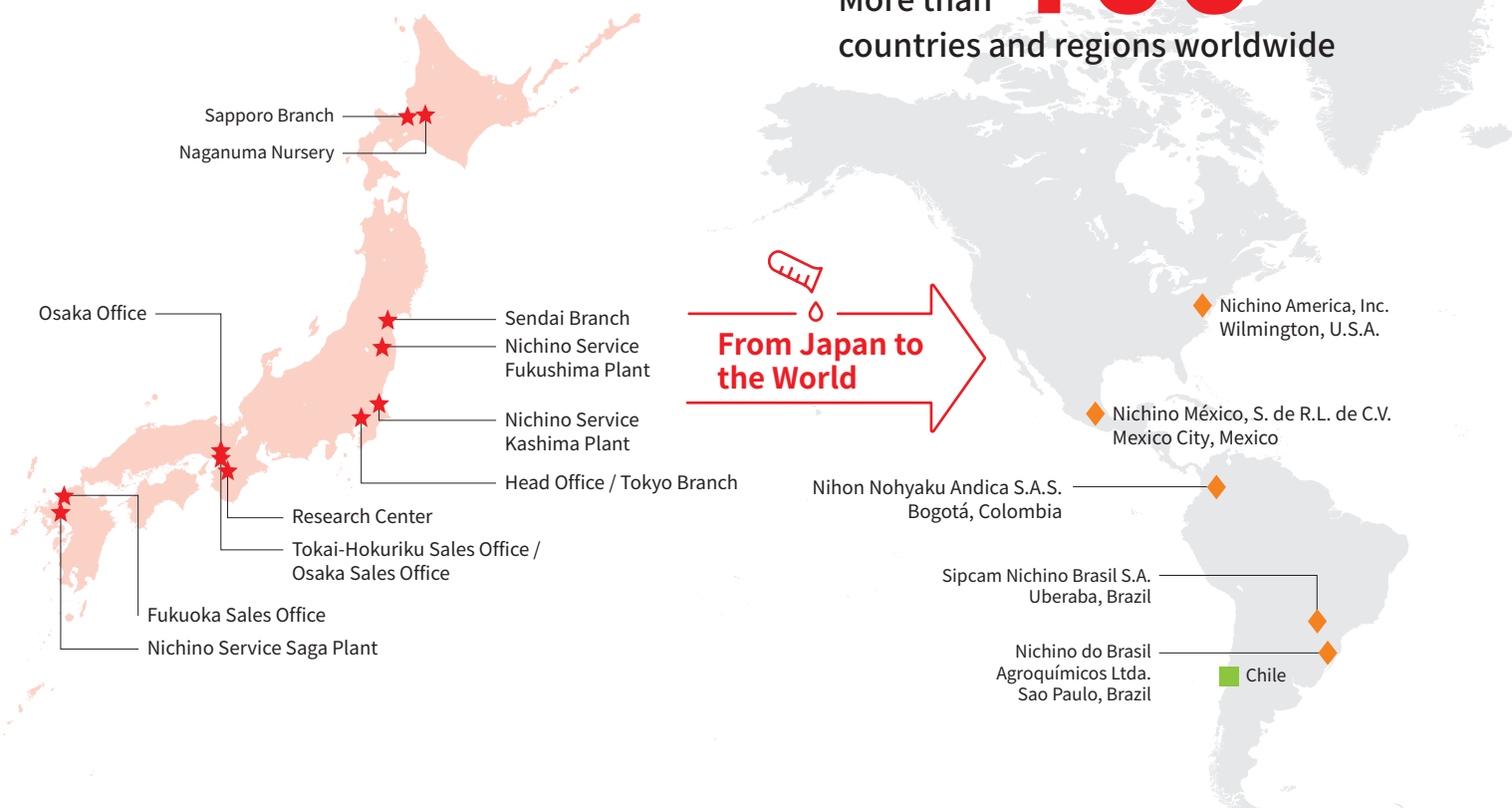
A NETWORK THAT EXTENDS ACROSS THE WORLD

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

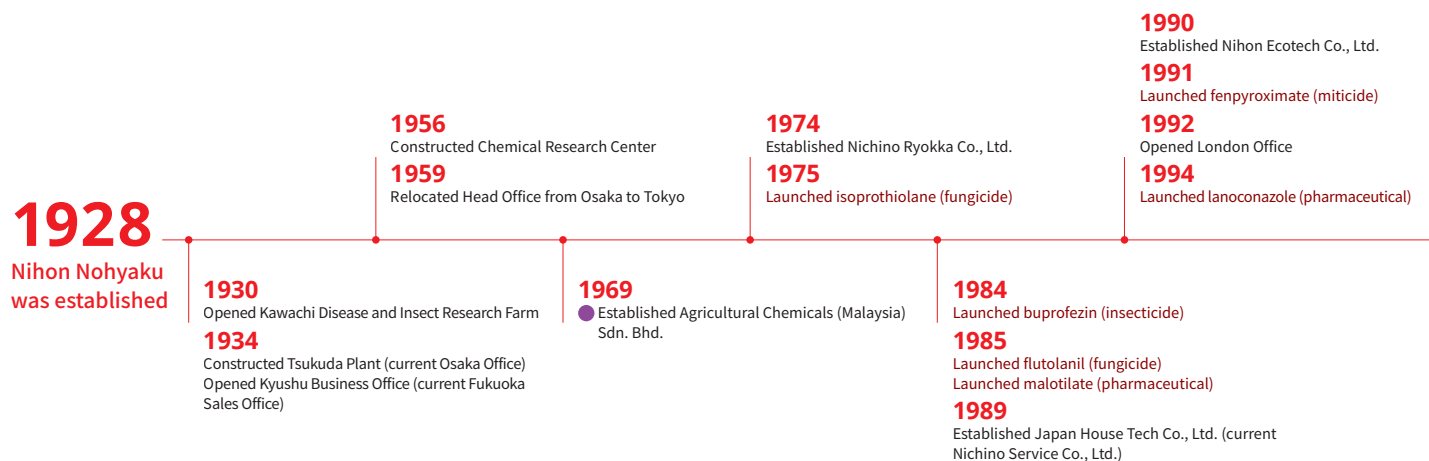
- ★ Domestic base
- ◆ Overseas group company
- Overseas investing company
- Satellite office

Agrochemical Registration Number of
Nichino Group's Products

More than **100**
countries and regions worldwide



HISTORY



Overseas Sales Ratio (Consolidated)

67.2 %

Proactively advancing overseas development and expanding sales

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

8.3 %

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

Number of Employees (Consolidated)

1,536

642 employees in Japan and 894 employees overseas who play active roles on the global stage

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

8.3 %

Encouraging to target over
13% in FY2023
22% in FY2030

(As of March 2022)



2001

◆ Established Nichino America, Inc.

2002

Acquired agrochemical business of Mitsubishi Chemical Corp. and portion of Tomono Agrica business; tolfeprpyrad 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 Sipcam Agro S. A. (current Sipcam 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 pyradiflumide (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

◆ Acquired Hyderabad Chemical Ltd. (current Nichino India Pvt. Ltd.)
Launched pyflubumide (miticide)

2016

◆ Consolidated Sipcam Nichino Brasil S. A.
Launched pyriprole (termiticide)

2020

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

2021

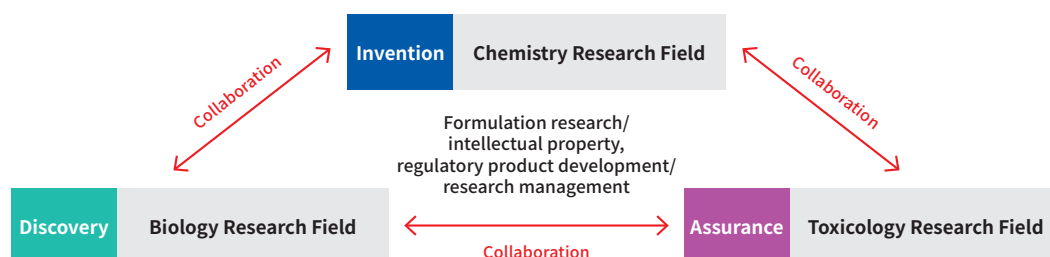
Launched benzpyrimoxan (insecticide)

2022

◆ Established Nichino Korea Co., Ltd.

R&D CAPABILITIES THAT CREATE NEW VALUE

We have continuously developed new agrochemicals 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.”



Discovery Biology Research Field

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.

- Investigation of biological characteristics
- Study on modes of action
- Pursuit of business opportunities other than agrochemicals

Invention Chemistry Research Field

To find attractive compounds that have new chemical structures and novel biological performances, we are working to introduce new technologies such as computational science and to broadly develop them. We also focus on process chemistry aimed at reducing the cost of goods.

- Synthesis of new compounds
- Discovery and improvements to the manufacturing process
- Pursuit of ways to reduce the cost of active ingredients

Assurance Toxicology Research Field

We are pursuing the safety of new agrochemicals 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.

- Toxicology studies
- Environmental fate and toxicology studies with risk assessment
- Development of new technology for potential risk prediction

CSR INITIATIVES

Nihon Nohyaku Group commits to meet the diverse and changing needs of society through technological innovation and has strengthened its CSR promotion system 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, Nihon Nohyaku 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 crop aid 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.



Nichino Scholarship Fund

Nihon Nohyaku actively supports development of the younger generation, who are charged with leading Japanese agriculture in the future, at agricultural colleges around the country.



Eco-harmonized Products

As well as synthetic agrochemicals with a minimal impact on the environment, we are globally involved in the development of biological products, biostimulants and so on.

CORPORATE DATA (As of August 2022)

Company Name	Nihon Nohyaku Co., Ltd.
Head Office	19-8, Kyobashi 1-Chome, Chuo-ku, Tokyo 104-8386 Tel: +81-3-6361-1400
Founded	November 17, 1928
Capital	14,939 million yen
Main Business	Manufacture, import, export, and sale of a variety of products including agrochemicals, pharmaceuticals, animal health products, industrial chemicals, wood preservatives, and agricul- tural materials

Board of Directors and Audit & Supervisory Committee Members

Director, Chairman	Yosuke Tomoi
Representative Director, President	Hiroyuki Iwata
Representative Director, Vice President	Koji Shishido
Director, Managing Executive Officer	Hirohisa Yano Kozo Machiya Hideo Yamamoto
Director, Senior Executive Officer	Hiroshi Yamanoi
Director	Akio Kohri
Director (Outside)	Yasunori Matsui Kazuyoshi Tachibana
Director, Audit & Supervisory Committee Member	Yoshiaki Higashino Haruhiko Tomiyasu
Director, Audit & Supervisory Committee Member (Outside)	Iwao Toigawa Chizuko Nakata Yoshiko Oshima

Executive Officers

Managing Executive Officer	Jeffrey R. Johnson
Senior Executive Officer	Junjiro Inoshita Shiro Takahashi Kazuhiko Motoba Tetsuyoshi Nishimatsu Yoshitaka Taniyama
Executive Officer	Hiroko Harada Tadashi Tanimoto Hiroshi Okumura Manfred Hilweg Isao Ishimura Toshitomo Tanaka

Business Offices

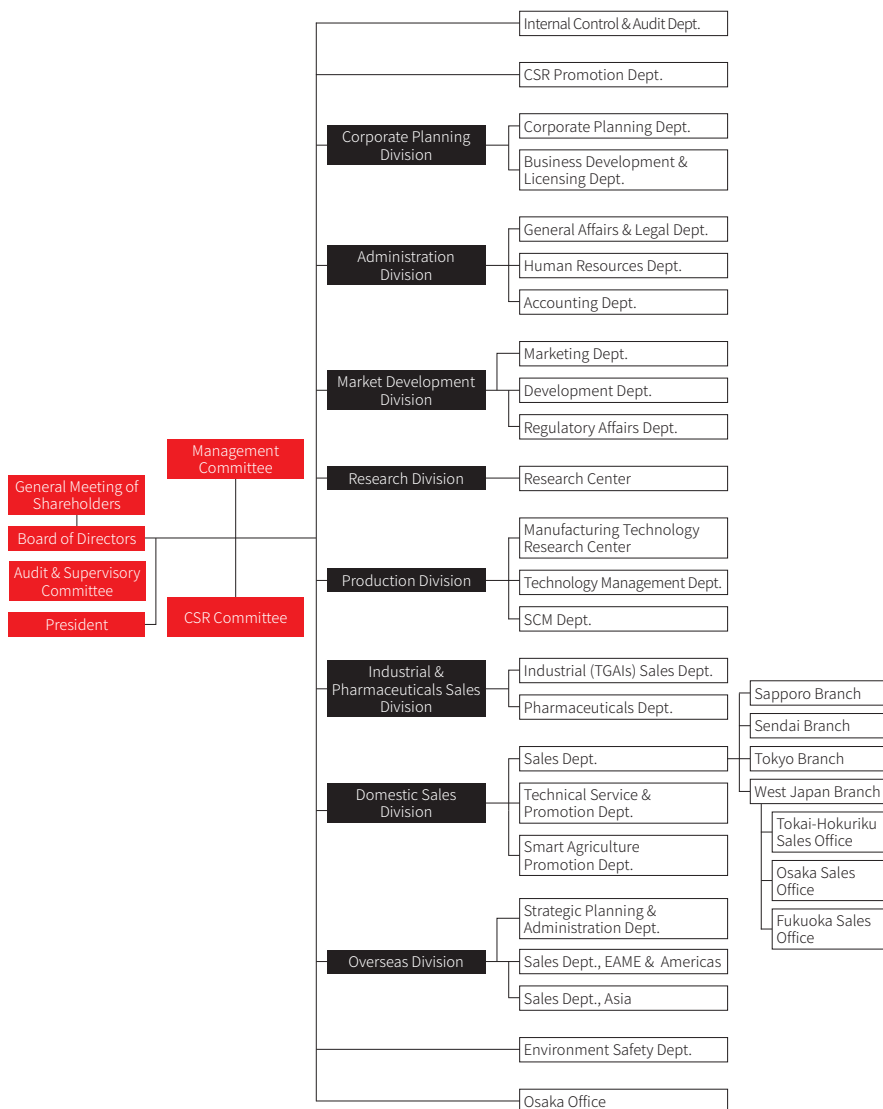
Head Office
Sapporo Branch
Sendai Branch
Tokyo Branch
West Japan Branch
Tokai-Hokuriku Sales Office
Osaka Sales Office
Fukuoka Sales Office
Research Center
Naganuma Nursery
Osaka Office

Visit our website

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



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.



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