

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 a solution.

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.



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 care 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 New Medium-Term Management Plan

To achieve our Group Vision, we have set up a new 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

Group KPI

Operating profit Sales ¥6.4 Bil ¥89 Bil

Divided payout ratio 30% or more

Execute further growth strategy

Target sales
¥100 Bil

Global expansion up until now

Reinforcement of business infrastructure

■ Improve profitability

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- Technological innovation and establishment of next-generation businesses
- Sustainable growth in corporate value

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.

Agrochemicals



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
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, Vietna
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
Common Name	Major Trade Name	Major Target Pests or Efficacy	(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 (Japan)

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.



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.

Pharmaceuticals and

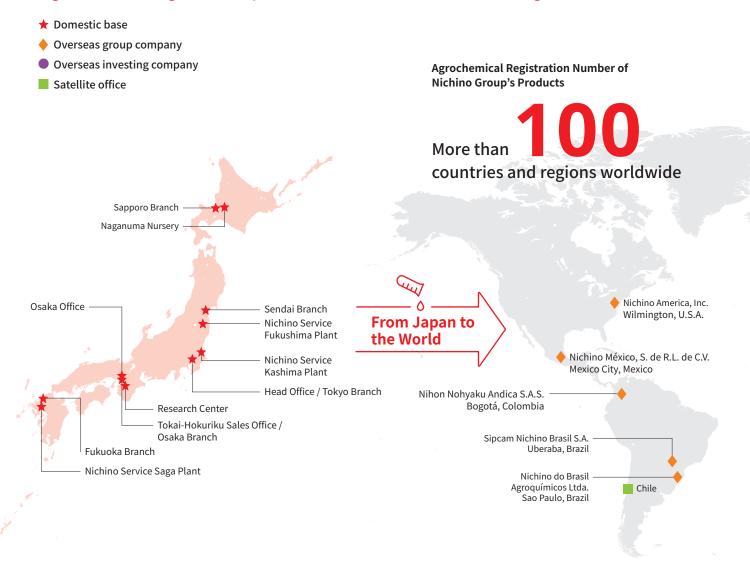


Nihon Nohyaku is also active in a variety of fields including landscape work, agrochemical residue analysis, and real estate rental.

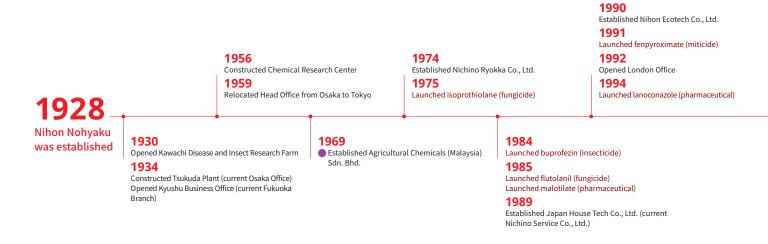
Others

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.



HISTORY



Overseas Sales Ratio (Consolidated)

Proactively advancing overseas development and expanding sales

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

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

Number of Employees (Consolidated)

633 employees in Japan and 851 employees overseas who play active roles on the global stage

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

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

(As of March 2021)



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 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 Iuliconazole (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)

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

2020

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

Launched benzpyrimoxan (insecticide)

R&D CAPABILITIES THAT CREATE NEW VALUE

We are continuing to develop new agrochemicals that are attuned to the needs of the ages 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 are aiming 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."

Role of the Research Center

Researchers collaborate strategically outside of their respective research fields with each other and are engaged in the discovery of novel active ingredients and the development of new products.



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.

Collaboration

- 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. Also, we focus on process chemistry aimed at reducing the cost

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

Formulation research/intellectual property, regulatory product development/research management

Collaboration

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

OUR RESPONSIBILITY

Delivering High-Quality Products

At a time of growing interest in food safety and environmental conservation, as a company that handles agrochemicals, we are working to optimally manage the entire supply chain-including production, quality control and distribution-while delivering products that can be safely utilized to our customers.

Production



Quality Control



Distribution |

We provide reliable, high-quality



Customers

We provide products to markets in

Japan and overseas. Our production platform is centered on two formulation plants and one technical grade manufacturing plant that boast the technologies and equipment capable of addressing a wide range of needs.

Acquiring Certifications

tional health.

Nichino Service Co., Ltd., which undertakes both

certifications. Underpinned by such management

systems, the company is advancing the quality

control, environmental protection and occupa-

manufacturing and distribution functions, has

acquired ISO 9001, ISO 14001 and ISO 45001

Working groups take the lead in considering every aspect of quality control. Through our comprehensive management system, we work to maintain and improve the quality of our products.

products through the latest distribution system across a network that spans the length and breadth of Japan. In this manner, we have put in place a safe, reliable, and fast delivery system.

For Safe Management of Products and **Their Raw Materials**

To prevent occupational accidents and to support the safe handling of chemicals, not only of final products but also of materials and intermediates, Nihon Nohyaku has prepared and provided internally and externally approximately 600 safety data sheets (SDS) for those chemicals that require risk assessment.

Promoting Responsible Care Activities

A signatory to the Responsible Care Global Charter, the Company is a member of the Responsible Care Committee of the Japan Chemical Industry Association. We work diligently to create products that boast outstanding safety, while considering continuous improvement in safety, health and environmental performance.

Nihon Nohyaku Co., Ltd. COMPANY PROFILE

CORPORATE DATA (As of June 2021)

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 14,939 million yen Capital **Main Business** Manufacture, import, export, and sale of a variety of products including agrochemicals, pharmaceuticals, veterinary pharmaceuticals, industrial chemicals, wood preservatives, and agricultural materials

Board of Directors and Audit & Supervisory Committee Members

Representative Director,

President Yosuke Tomoi

Representative Director, Senior Managing

Executive Officer Koji Shishido

Director,

Managing Executive Officer Hirohisa Yano

Kozo Machiya

Director,

Director

Senior Executive Officer Hiroshi Yamanoi

Hideo Yamamoto Hiroyuki Iwata 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

Shirou Takahashi Kazuhiko Motoba Tetsuyoshi Nishimatsu Yoshitaka Taniyama

Hiroko Harada Tadashi Tanimoto Hiroshi Okumura Manfred Hilweg

Business Offices

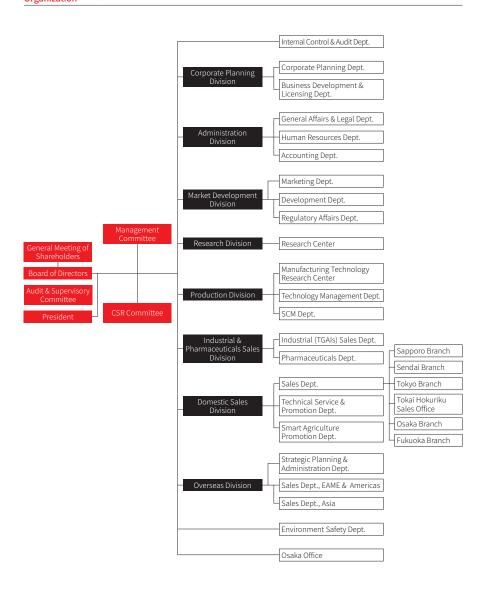
Executive Officer

Head Office Sapporo Branch Sendai Branch Tokyo Branch

Tokai-Hokuriku Sales Office / 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.

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• Office Locations https://www.nichino.co.jp/en/ corporate/page_10125.html



• Group Companies https://www.nichino.co.jp/en/ corporate/page_10126.html





