



2026

Company Information and Market Report of Agrochemicals in Japan

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Part I. COMPANY INFORMATION

1. Briefings (As of November 30, 2025)

Foundation: February 27, 1950

Paid-in Capital: ¥3.2 billion

Major Shareholders

The Master Trust Bank of Japan Ltd.(trust)	9.9%
Nomura Shokusan Co., Ltd.	8.2%
Sumitomo Chemical Co., Ltd.	7.6%
MSIP CLIENT SECURITIES	6.8%
Resona Bank, Limited.	5.1%
Custody Bank of Japan, Ltd.(trust)	3.7%
Hokko Chemical Industry Employee Shareholding Association	3.6%
Nomura Holdings, Inc.	3.2%
National Federation of Agricultural Cooperative Associations(ZEN-NOH)	3.1%
The Norinchukin Bank	2.8%

Employees: 629



Central Research Laboratories



Hokkaido Factory

2. Organization (As of February 26, 2026)

Board of Directors:

Ken-ichi Sano	Representative Director and President
Shin-ichi Hayakawa	Director and Senior Managing Executive Officer
Naoyuki Hamada	Director and Managing Executive Officer
Hiroyuki Tarumi	Director (Outside Director)
Masaru Ishio	Director (Outside Director)
Tokiko Nakagawa	Director (Outside Director)
Madoka Saeki	Director (Outside Director)
Tetsutaro Nozaki	Director (Outside Director)

Head Office: Sumitomo Fudosan Nihonbashi Building
1-5-4, Nihonbashi Honcho, Chuo-ku
Tokyo 103-8341, Japan

Branches: Sapporo, Sendai, Tokyo, Niigata,
West Japan, Fukuoka

Main Factories: Hokkaido, Niigata, Okayama

Laboratories: Central Research Laboratories (Kanagawa)
Fine Chemicals Research Laboratories (Kanagawa)

Experimental Farms: Hokkaido, Kanagawa, Shizuoka

Subsidiaries: HOKKO SANGYO CO., LTD. (Tokyo, Japan)
BIEI HAKUDO INDUSTRY CO., LTD. (Hokkaido, Japan)
HOKKO PAX CO., LTD. (Okayama, Japan)
Zhangjiagang HOKKO CHEMICAL INDUSTRY CO., LTD.
(Jiangsu, China)
HOKKO CHEMICAL AMERICA CORPORATION (Cary, NC, U.S.A)
C.Murata & Co., Ltd. (Osaka, Japan)

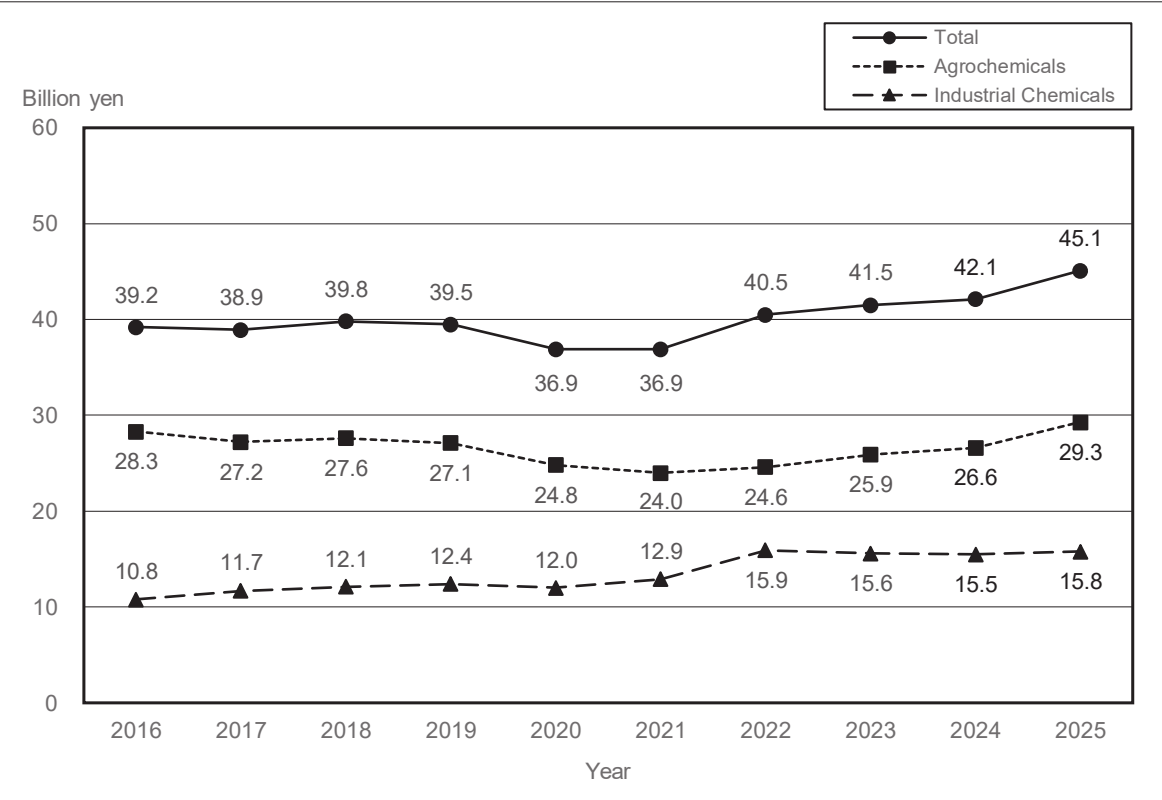
3. 2025 Business Report (As of November 30, 2025)

3-1. Sales Splits of Crop Protection Products (Fiscal Year)

Value: Million yen

	2024		2025		
	Value	Share(%)	Value	Share(%)	Growth(%)
Agrochemicals					
Insecticides	5,258	12.5	5,733	12.7	109.0
Fungicides	7,852	18.6	8,325	18.5	106.0
I/F Combinations	4,560	10.8	5,047	11.2	110.7
Herbicides	8,582	20.4	9,841	21.8	114.7
Others	334	0.8	363	0.8	108.5
Subtotal	26,586	63.1	29,308	65.0	110.2
Industrial Chemicals	15,520	36.9	15,793	35.0	101.8
Total	42,107	100	45,100	100	107.1
Export (Included in Total Sales)					
Agrochemicals	4,121	9.8	4,311	9.6	104.6
Industrial Chemicals	3,787	9.0	3,143	7.0	83.0

3-2. Annual Progress of Business Turnover (2016-2025)



4. Hokko's Leading Products in 2025

4-1. INSECTICIDE

Product Name	Active Ingredient	Crop	Pest
Starkle	dinotefuran	Rice, Vegetables, Fruit	Planthoppers, Stink bugs, Aphids, Thrips, Whiteflies, Scales, etc.
Kirappu	ethiprole	Rice, Fruit, Tea	Planthoppers, Stink bugs, etc.
Prevathon	chlorantraniliprole	Vegetables	Diamondback moth, Cabbage worm, etc.
Ferterra	chlorantraniliprole	Rice	Rice leafroller, Green rice caterpillar, etc.
Ortran	acephate	Fruit, Vegetables	Thrips, Aphids, Lepidopteran pests
Transform	sulfoxaflor	Vegetables, Fruit	Thrips, Aphids, Scales, etc.
Viresco	sulfoxaflor	Sugar beet, Soybean, Potato, Corn	Aphids
Exceed	sulfoxaflor	Rice	Stink bugs, Planthoppers, etc.
Lydia	flupirimin	Rice	Green rice caterpillar, Rice water weevil, Planthoppers, etc.
Brofrefya	broflanilide	Vegetables	Diamondback moth, Tobacco budworm, Tobacco cutworm, Leaf beetle, etc.

4-2. FUNGICIDE

Product Name	Active Ingredient	Crop	Disease
Kasumin-Bordeaux	kasugamycin + copper oxychloride	Vegetables, Fruit, Tea, Sugar beet	Bacterial diseases, Powdery mildew, Leaf mold, Downy mildew
Manage	imibenconazole	Fruit, Vegetables, Turf	Rust, Scab, Powdery mildew, Anthracnose
Orthocide	captan	Fruit, Vegetables, Wheats	Scab, Alternaria leaf spot, Downy mildew, Gray mold, Fusarium blight
Affet	penthiopyrad	Vegetables	Gray mold, Powdery mildew, Stem rot
Millionaire	Inpyrfluxam	Vegetables	Rust, Gray mold, etc.
Oryzmate / Dr.Oryze	probenazole	Rice	Blast
Gouketsu	tolprocarb	Rice	Blast
Blasin	ferimzone + fthalide	Rice	Blast, Bacterial disease
Onlyone	tebconazole	Fruit	Gray mold, Stem rot, Anthracnose, Scab, Powdery mildew, etc.
Topsin M	thiophanate-methyl	Fruit, Vegetables	Gray mold, Anthracnose, Bluemold, Blotch, Scab, Sclerotinia rot
Benlate T	thiuram + benomyl	Vegetables	Fusarium disease, Seed-borne disease

4-3. I/F COMBINATION

Product Name	Active Ingredient	Crop	Disease, Pest
Fst. /Dr.Oryze-Padeet	probenazole + cyantraniliprole	Rice	Blast, Various pests
Dr./Cs. Oryze-Lydia	probenazole + flupirimin	Rice	Blast, Various pests
Scrum	chlorantraniliprole + triflumezopyrim + penflufen + isothianil	Rice	Blast, Various pests, Sheath blight
Doublecut K	kasugamycin + tricyclazole + ethiprole	Rice	Blast, Stink bugs
Rabcide K2	ethiprole + fthalide	Rice	Blast, Stink bugs
Topsin Starkle	dinotefuran + thiophanate-methyl	Rice	Blast, Stink bugs, Planthoppers
Rabcide-Starkle	dinotefuran + fthalide	Rice	Blast, Stink bugs
Gouketsu-buster	dinotefuran + tolprocarb	Rice	Blast, Stink bugs, Various pests
Gouketsu-monster	dinotefuran + simeconazole + tolprocarb	Rice	Blast, Various pests
Blasin Kirappu	ferimzone + fthalide + ethiprole	Rice	Blast, Stink bugs, Planthoppers

4-4. HERBICIDE

Product Name	Active Ingredient	Crop	Weed, Use
Kairiki Z	ipfencarbazone + tefuryltrione + propyrisulfuron	Rice	One-shot application
Kachiboshi	ipfencarbazone + tefuryltrione + bensulfuron-methyl	Rice	One-shot application
Wazaari	ipfencarbazone + tefuryltrione	Rice	One-shot application
Winningrun	ipfencarbazone + bromobutide + bensulfuron-methyl	Rice	One-shot application
Sakigake	ipfencarbazone + tefuryltrione + floryprauxifenbenzyl	Rice	One-shot application
Meteor	pentoxazone	Rice	Annual weed, Pre-emergence application
Clincher	cyhalofop-butyl	Rice	Grass weed, Post emergence application
Basagran	bentazone	Rice, Soybean, Wheats	Broadleaf weed, Post emergence application
Lenapac	lenacil + chloridazon	Sugar beet	Annual weed, Early post emergence application
Zaxa	glufosinate-P	Fruit, Vegetable, Tea	Non Selective

5. Hokko's Products for Export

Product Name	Active Ingredient	Type	Formulation
Kasumin	kasugamycin	Fungicide, Bactericide	2% SL, 8% SL
Kasumin-Bordeaux	kasugamycin + copper oxychloride	Fungicide, Bactericide	2%+75.6% WP 5%+75.6% WP
Manage	imibenconazole	Fungicide	5% WP, 15% WP, 30% WDG
Hokko Bordeaux	copper oxychloride	Fungicide, Bactericide	84.1% WP
Healthied	pefurazoate	Fungicide	15% EC, 20% WP
Hokuto	ipfencarbazone	Herbicide	2.5% GR, 25% SC
Taipan	benzofenap	Herbicide	—
Benfuresate	benfuresate	Herbicide	—
Simetryn	simetryn	Herbicide	—

Formulation

GR / granule

EC / emulsifiable concentrate

WP / wettable powder

SL / soluble liquid

WDG / water dispersible granule

SC / suspension concentrate

5-1. FUNGICIDE

KASUMIN and KASUMIN-BORDEAUX

Original fungicides globally used and highly reputed, having excellent control of various kinds of fungal and bacterial diseases on rice, vegetables, beans, fruits, ornamentals, etc.

MANAGE

A triazole fungicide having high efficacy against scab and rust in apple and pear, additionally showing remarkable performance in controlling grape anthracnose and citrus scab, both of which have been known as diseases difficult to control

HOKKO BORDEAUX

A contact fungicide having high preventive activities and low phytotoxicity

HEALTHIED

An imidazole fungicide having preventive and curative activities, low phytotoxicity, broad spectrum of pathogens such as ASCOMYCOTINA (*Diaporthe*, *Monilinia*), BASIDIOMYCOTINA (*Typhula*), DEUTERROMYCOTINA (*Fusarium*, *Gibberella*, *Valsa*, *Cladosporium*, *Colletotrichum*), additionally showing high performance against benzimidazole-resistant strains of *Gibberella fujikuroi*.

This fungicide is recommended for seed treatment and in greenhouse application because of its property of rapid photolytic degradation

KASUMIN and KASUMIN-BORDEAUX

Crop	Disease (Pathogen)	KASUMIN	KASUMIN-BORDEAUX
Rice	Blast (<i>Pyricularia oryzae</i>)	⊙	⊙
	Bacterial grain rot (<i>Burkholderia glumae</i>)	⊙	
	False smut (<i>Villosiclava virens</i>)		⊙
	Bacterial brown stripe (<i>Acidovorax avenae</i> subsp. <i>avenae</i>)	⊙	
	Bacterial leaf blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>)	⊙	
Sugar beet	Cercospora leaf spot (<i>Cercospora beticola</i>)	⊙	⊙
Cucumber Melon, Watermelon	Angular leaf spot (<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>)	⊙	⊙
	Bacterial spot (<i>Xanthomonas cucurbitae</i>)	⊙	⊙
	Anthrachnose (<i>Colletotrichum orbiculare</i>)	⊙	
	Powdery mildew (<i>Podosphaera xanthii</i>)		⊙
	Downy mildew (<i>Pseudoperonospora cubensis</i>)		⊙
Tomato	Leaf mold (<i>Passalora fulva</i>)	⊙	⊙
	Bacterial canker (<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>)	⊙	⊙
	Bacterial spot (<i>Xanthomonas vesicatoria</i>)		⊙
	Late blight (<i>Phytophthora infestans</i>)		⊙
Onion	Bacterial soft rot (<i>Pectobacterium carotovorum</i>)	⊙	⊙
Potato	Bacterial soft rot (<i>Pectobacterium carotovorum</i>)	⊙	⊙
Paprika Sweet pepper Chile	Bacterial spot (<i>Xanthomonas vesicatoria</i>)	⊙	⊙
	Anthrachnose (<i>Colletotrichum capsici</i>)	⊙	⊙
	Powdery mildew (<i>Leveillula taurica</i>)		⊙
Green beans	Halo blight (<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i>)	⊙	⊙
Apple, Pear	Fire blight (<i>Erwinia amylovora</i>)	⊙	
Kiwifruit	Bacterial canker (<i>Pseudomonas syringae</i> pv. <i>actinidiae</i>)	⊙	⊙
	Bacterial blossom blight (<i>Pseudomonas marginalis</i> pv. <i>marginalis</i>)	⊙	⊙
Citrus	Canker (<i>Xanthomonas citri</i> subsp. <i>citri</i>)	⊙	⊙
Coffee	Black spot (<i>Pseudomonas syringae</i> pv. <i>garcae</i>)	⊙	⊙
Tea	Gray blight (<i>Pestalotiopsis longiseta</i>)	⊙	⊙
	Bacterial shoot blight (<i>Pseudomonas syringae</i> pv. <i>theae</i>)	⊙	⊙
Egg plant	Leaf mold (<i>Mycovellosiella nattrassii</i>)	⊙	
Celery	Early blight (<i>Cercospora apii</i>)	⊙	
Carrot	Bacterial soft rot (<i>Pectobacterium carotovorum</i>)	⊙	
Cherry	Bacterial blast (<i>Pseudomonas syringae</i> pv. <i>syringae</i>)	⊙	
	Bacterial canker (<i>Pseudomonas syringae</i> pv. <i>syringae</i>)	⊙	
Walnut	Walnut blight (<i>Xanthomonas campestris</i> pv. <i>juglandis</i>)	⊙	

Crop	Disease (Pathogen)	KASUMIN	KASUMIN-BORDEAUX
Cabbage	Black rot (<i>Xanthomonas campestris</i> pv. <i>campestris</i>) Bacterial soft rot (<i>Pectobacterium carotovorum</i>)		◎ ◎
Lettuce	Bacterial rot (<i>Pseudomonas cichorii</i> , <i>Pseudomonas marginalis</i> pv. <i>marginalis</i> , <i>Pseudomonas viridiflava</i>) Bacterial spot (<i>Xanthomonas axonopodis</i> pv. <i>vitians</i>)		◎ ◎
Rose	Powdery mildew (<i>Podosphaera pannosa</i>)		◎

※also effective for various fungal and bacterial diseases on passion fruits, agave, etc.

MANAGE

Crop	Disease (Pathogen)
Citrus	Scab (<i>Elsinoe fawcetti</i>)
Grape	Anthraxnose (<i>Elsinoe ampelina</i>) Powdery mildew (<i>Erysiphe necator</i> var. <i>necator</i>) Pestalotia-tsurugare-byo (<i>Pestalotiopsis menezesiana</i>) Rust (<i>Physopella ampelopsidis</i>)
Apple	Scab (<i>Venturia inaequalis</i>) Rust (<i>Gymnosporangium yamadae</i>) Powdery mildew (<i>Podosphaera leucotricha</i>) Fly speck (<i>Zygophiala jamaicensis</i>) Sooty blotch (<i>Gloeodes pomigena</i>) Alternaria leaf spot (<i>Alternaria mali</i>)
Pear	Scab (<i>Venturia nashicola</i>) Rust (<i>Gymnosporangium asiaticum</i>)
Peach	Scab (<i>Cladosporium carpophilum</i>)
Japanese apricot	Scab (<i>Cladosporium carpophilum</i>)
Apricot	Brown rot (<i>Monilinia fructicola</i>)
Melon and Watermelon	Powdery mildew (<i>Sphaerotheca fuliginea</i>)
Groundnut	Brown leaf spot (<i>Mycosphaerella arachidis</i>)
Soybean	Purple stain (<i>Cercospora kikuchii</i>)
Tea	Anthraxnose (<i>Discula theae-sinensis</i>) Blister blight (<i>Exobasidium vexans</i>) Brown round spot (<i>Pseudocercospora ocellata</i>)
Banana	Black sigatoka (<i>Mycosphaerella fijiensis</i>)

Crop	Disease (Pathogen)
Turf	Rust (<i>Puccinia zoysiae</i>)
Rose	Black spot (<i>Diplocarpon rosae</i>) Powdery mildew (<i>Erysiphe simulans</i>)
Chrysanthemum	White Rust (<i>Puccinia horiana</i>) Rust (<i>Puccinia tanacetii</i> var. <i>tanacetii</i>)
Japanese spindle tree	Powdery mildew (<i>Erysiphe euonymicola</i>)
Crape Myrtle	Powdery mildew (<i>Erysiphe australiana</i>)
Poplar	Powdery mildew (<i>Uncinula adunca</i> var. <i>mandshurica</i>) Marssonina leaf blight (<i>Marssonina brunnea</i>)
Tobacco	Powdery mildew (<i>Erysiphe cichoracearum</i>)

HEALTHIED

Crop	Disease(Pathogen)	Application
Rice	Bakanae disease (<i>Gibberella fujikuroi</i>)	Seed treatment
Cyclamen (greenhouse)	Anthrachnose (<i>Colletotrichum gloeosporioides</i>)	Spray

5-2. HERBICIDE

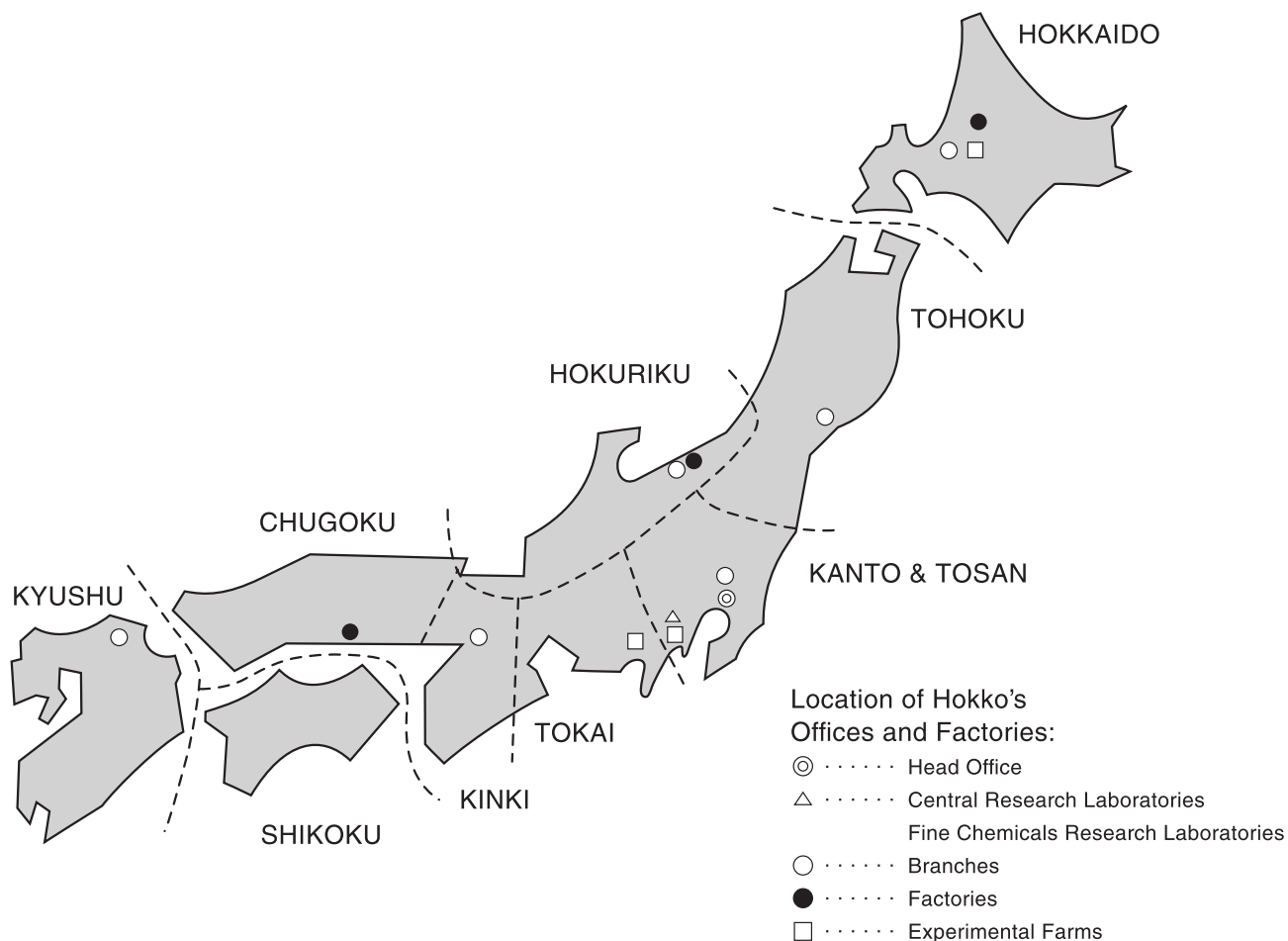
HOKUTO

An azolyl-carboxamide-class herbicide having high efficacy against gramineous weeds in paddy field. The mode of action is the inhibition of the very long chain fatty acids biosynthesis in plants

Target weeds	<i>Echinochloa oryzicola</i> , <i>Echinochloa crus-galli</i> , <i>Leptochloa chinensis</i> , <i>Ischaemum rugosum</i> , <i>Fimbristylis miliacea</i> , <i>Cyperus difformis</i> , <i>Schoenoplectiella juncooides</i> , <i>Lindernia procumbens</i> , <i>Monochoria vaginalis</i> , <i>Cyperus rotundus</i> , etc.
Application timing	From pre-emergence to early post-emergence of weeds

Part II. MARKET REPORT OF AGROCHEMICALS IN JAPAN

1. Map of Japan by Agricultural Region



2. Area of Main Crops by Agricultural Region in 2025

(Source; MAFF / Ministry of Agriculture, Forestry and Fisheries of Japan)

Unit: 1,000ha.

Crop \ Region	Rice	Wheat/Barley	Potato	Soybean	Citrus*	Apple	Pear	Grape	Cucumber	Cabbage	Tea
HOKKAIDO	106.1	135.2	48.2	46.8	—	0.5	—	1.2	0.1	0.8	—
TOHOKU	402.0	8.2	2.6	34.6	—	25.3	2.1	2.6	1.8	1.7	—
HOKURIKU	205.9	10.9	1.0	10.8	—	0.1	0.8	0.5	0.5	0.4	—
KANTO & TOSAN	284.7	36.8	5.3	9.3	—	7.1	4.1	7.0	3.0	9.2	0.6
TOKAI	94.1	17.8	0.9	11.3	8.3	0.1	0.4	0.4	0.4	1.8	12.8
KINKI	98.4	8.8	0.8	9.6	9.7	—	0.2	0.7	0.5	0.6	1.3
CHUGOKU	99.2	6.8	0.8	3.8	3.3	0.1	0.8	1.8	0.5	0.7	—
SHIKOKU	45.8	5.3	0.4	0.4	16.3	—	0.2	0.3	0.5	0.4	—
KYUSHU	184.0	61.2	7.2	17.4	16.2	—	1.1	1.0	1.5	2.3	10.8
Total	1520.2	291.2	67.0	144.1	53.8	33.2	9.7	15.5	8.8	17.8	25.4
Comparison with Previous Year (100%)	112%	98%	98%	94%	88%	99%	89%	95%	96%	97%	95%

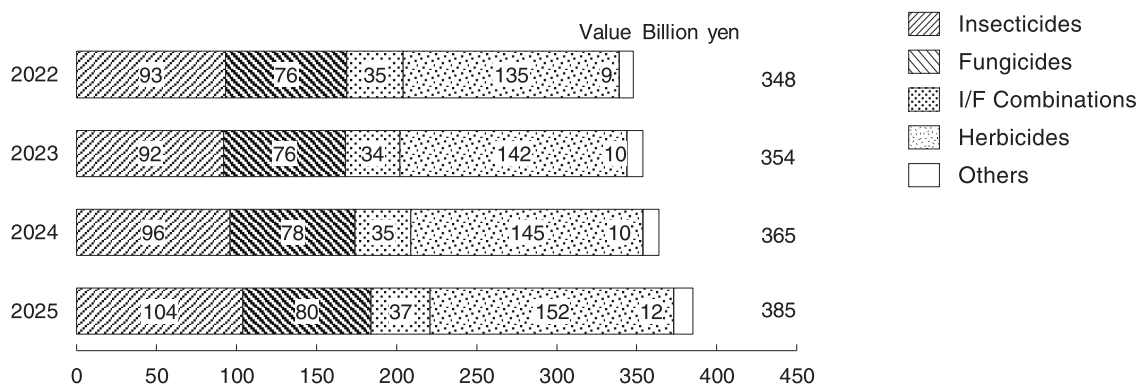
*; Data from 2024

—; not available

3. Agrochemicals Business by the member companies of JCPA* in 2025

(* Japan Crop Protection Association)

3-1 Agrochemicals Deliveries

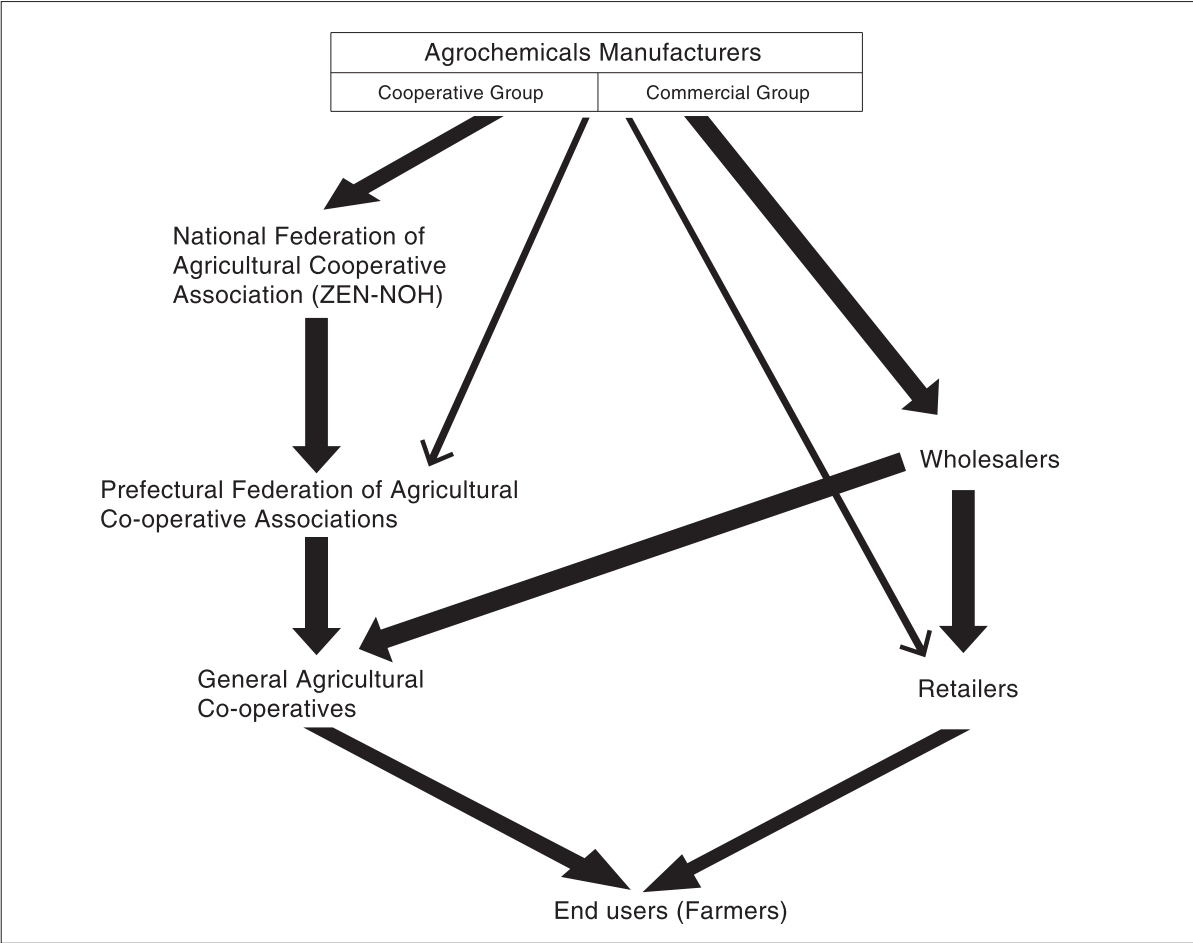


3-2 Agrochemicals Value by Crop

Sector	Agrochemicals group	Value		Comparison with 2024 (100%)
		Billion yen	%	
Paddy rice	Insecticides	14.5	4	121%
	Fungicides	9.6	2	105%
	I/F Combinations	31.5	8	106%
	Herbicides	72.1	19	109%
	Subtotal	127.7	33	109%
Fruit trees	Insecticides	20.5	5	103%
	Fungicides	20.3	5	105%
	I/F Combinations	0.2	0	92%
	Herbicides	10.5	3	94%
	Subtotal	51.5	13	102%
Vegetables, potatoes, beans etc.	Insecticides	62.6	16	108%
	Fungicides	43.0	11	101%
	I/F Combinations	3.3	1	104%
	Herbicides	28.3	7	107%
	Subtotal	137.2	36	105%
Others	Insecticides	6.6	2	96%
	Fungicides	7.1	2	100%
	I/F Combinations	2.0	1	102%
	Herbicides	41.3	11	101%
	Subtotal	57.0	15	100%
(Total)	Insecticides	104.2	27	108%
	Fungicides	79.9	21	102%
	I/F Combinations	37.0	10	106%
	Herbicides	152.3	40	105%
	Others	12.0	3	114%
Grand total		385.4	100	106%

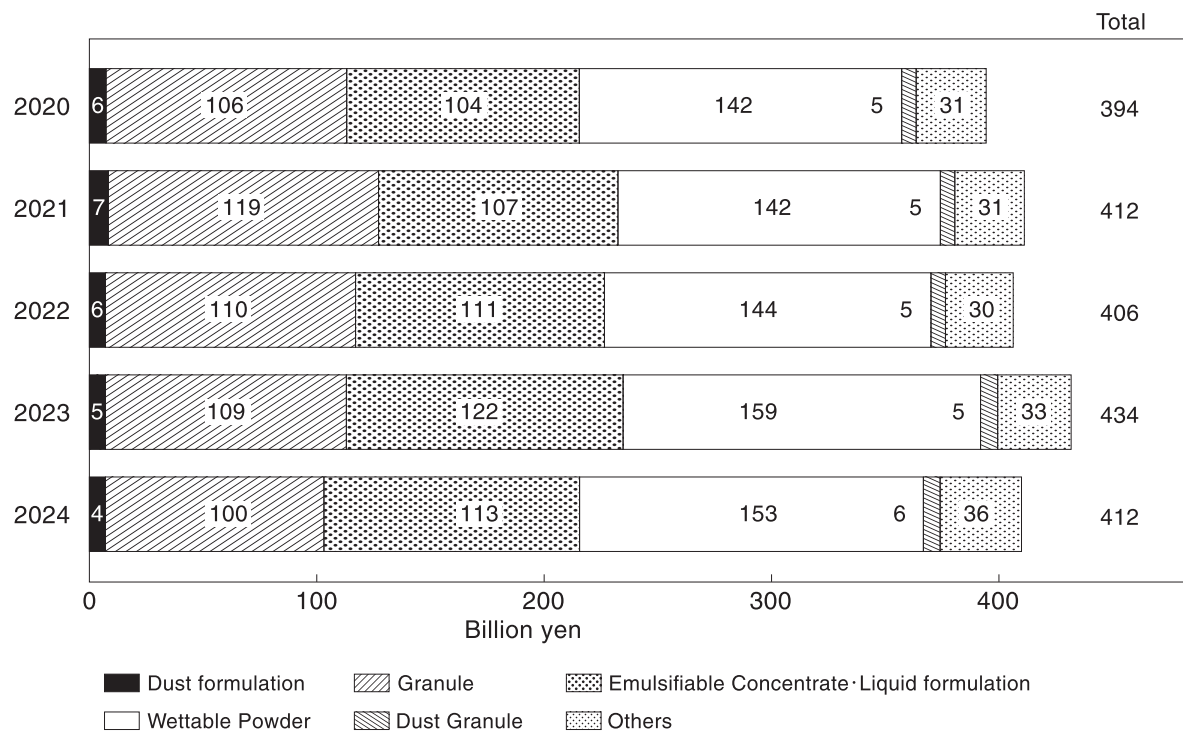
4. Distribution System of Agrochemicals

JPPA* in 2025



(*JPPA/Japan Plant Protection Association)

5. Agrochemicals Production by Formulation (2020-2024) (Source ; JPPA)



6. Pest Infestation and Agrochemical Treatment in 2024 (Source; JPPA)

Crop (Planted Area (1,000ha))	Pests and diseases	Net treated area (1,000ha)	Total treated area	
			Area (1,000ha)	Comparison with 2023 (100%)
Rice (1,520)	Seedling blight	747	788	97%
	Blast (leaf)	1,024	1,376	108%
	Blast (neck & ear)	884	1,170	94%
	Sheath blight	666	730	100%
	「Bakanae」 disease	903	915	91%
	Rice stem borer (2nd generation)	127	142	104%
	White-backed planthopper	870	1,310	99%
	Brown rice planthopper	660	1,055	98%
	Small brown planthopper	830	1,283	94%
	Green rice leafhopper	676	1,001	93%
	Rice leaf beetle	723	747	98%
	Rice stink bug	1,128	1,687	103%
	Rice leafroller	402	468	91%
	Rice water weevil	787	789	100%
Wheat & Barley (294)	Powdery mildew	191	415	100%
	Scab	280	676	105%
	Snow rots	130	134	103%
Potato (67)	Late blight	54	404	102%
	Twenty-eight-spotted ladybird	4	7	100%
Soybean (144)	Purple stain	77	119	96%
	Soybean pod borer	102	184	112%
	Stink bugs	67	90	110%
Citrus (58)	Scab	37	64	100%
	Melanose	48	174	96%
	Arrowhead scale	29	62	97%
	Citrus red mite	48	133	99%
Apple (34)	Blossom blight	24	48	104%
	Alternaria leaf spot	34	308	99%
	Scab	34	363	99%
	Peach fruit moth	33	139	90%
	Apple leafminer	34	74	110%
	Mites	12	37	95%
Pear (11)	Black spot	4	33	100%
	Scab	9	96	96%
Vine (17)	Ripe rot	13	48	94%
	Rust	10	27	96%
	Leaf spot	12	36	120%
	Anthracnose	11	23	96%
	Downy mildew	14	45	70%
	Gray mold	13	32	100%
	Thrips	13	34	97%

Crop (Planted Area (1,000ha))	Pests and diseases	Net treated area (1,000ha)	Total treated area	
			Area (1,000ha)	Comparison with 2023 (100%)
Tea (25)	Anthravnose	30	70	96%
	Smaller tea tortrix	29	65	92%
	Oriental tea tortrix	24	48	98%
	Tea leafroller	29	52	96%
	Tea green leafhopper	29	75	95%
	Kanzawa spider mite	30	64	97%
	Thrips	29	75	93%
Cucumber (9)	Downy mildew	5	23	100%
	Anthravnose	3	14	108%
	Powdery mildew	5	21	100%
	Bacterial spot	3	6	86%
	Aphids	4	16	94%
Cabbage (18)	Black rot	17	24	100%
	Diamondback moth	19	42	98%

7. Herbicide Application in Rice Field

Crop	Application method	2025		
		Volume (t)	Value (million yen)	Estimated Area (1,000ha)
Rice	One-shot application	11,387	42,583	1,584
	Pre- and early post-emergence application	4,085	6,627	572
	Post-emergence application	5,570	17,161	698
	Total	21,042	66,371	2,854

(Source; JAPR / Japan Association for Advancement of Phyto-Regulators)

8. Average Agricultural Expenditure by Crop in 2024 (Source; MAFF)

Unit: yen/10a

	Rice		Wheat		Potato		Sugar beet		Soybean	
Seed & Seedling	4,108	3%	3,474	5%	18,247	18%	5,073	4%	4,304	7%
Fertilizers	10,977	9%	13,150	20%	15,862	16%	32,205	29%	7,515	12%
Agrochemicals	8,412	7%	6,105	9%	13,651	14%	16,460	15%	7,419	12%
Fuel	5,845	5%	2,702	4%	4,361	4%	4,582	4%	2,994	5%
Rent & Charge	11,897	10%	15,809	24%	1,190	1%	2,456	2%	9,000	15%
Buildings cost	3,646	3%	1,209	2%	1,589	2%	2,132	2%	1,145	2%
Agricultural machinery	26,223	22%	11,810	18%	20,463	21%	20,461	18%	13,005	21%
Labor	34,665	29%	6,102	9%	16,810	17%	19,896	18%	10,932	18%
Others	11,971	10%	5,068	8%	7,023	7%	9,531	8%	4,620	8%
Total	117,744	100%	65,429	100%	99,196	100%	112,796	100%	60,934	100%

9. Rice Production (Source; MAFF)

9-1. Transition of Rice Acreage for 10 years

Unit: 1,000ha

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Cultivated Area	2,296	2,284	2,273	2,261	2,248	2,236	2,223	2,207	2,192	2,174
Planted Area	1,479	1,466	1,470	1,470	1,462	1,404	1,355	1,344	1,359	1,425
Set-aside*1 (%)	36	36	35	35	35	37	39	39	38	34

*1; Set-aside (%) = $\frac{(\text{Cultivated area} - \text{Planted area})}{\text{Cultivated area}} \times 100$

9-2. Transition of Rice Production for 10 years

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Yield (t/ha)	5.44	5.34	5.29	5.28	5.31	5.39	5.36	5.33	5.40	5.26
Normal Yield (t/ha)*1	5.31	5.32	5.32	5.33	5.35	5.35	5.36	5.36	5.37	5.14
Index number of Rice Yield*2	102	100	99	99	99	101	100	99	101	102
Total Production (million ton)	8.0	7.8	7.8	7.8	7.8	7.6	7.3	7.2	7.3	7.2

*1; Determined by MAFF

*2; Index number = $\frac{\text{Yield}}{\text{Normal Yield}} \times 100$



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