



- ① Simple Boom DX, 17 Nozzles
- ② One-Wing Boom Sprayer #-G , 9 Nozzles
- ③ Two-Wing Boom Sprayer #-G, 18 Nozzles

One-Wing Boom Sprayer #-G (UKIAGARI-SUZURAN)

Parallel spraying with a multiple-head boom sprayers make for uniform distribution. **stainless steel boom.**

<Drift-reducing>

Average Drop Size (µm)	100(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Features

- Parallel spraying enables uniform distribution and optimizes the amount of chemicals used
- Very wide coverage, saving much time and effort
- Lightweight aluminium body reduces operator workload
- Minimal drift and superior attachment; counterforce caused by spraying also reduces operator workload



Item	8 Nozzles	9 Nozzles	10 Nozzles
Flow Rate (1.5 MPa)	8.0 L/min	9.0 L/min	10.0 L/min
Nozzle #	SV-10-80C	SV-10-80C	SV-10-80C
Coverage	approx. 271cm	approx. 304cm	approx. 337cm
Maximum Spray Reach	approx. 3 m	approx. 3 m	approx. 3 m
Hoses Φ	Φ 8.5	Φ 8.5	Φ 8.5
Spray height	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm
Length/Weight	308cm, 2,880g	341cm, 2,930g	374cm, 3,040g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

* Spray height [range of distance between boom and earth] as of a person 170 cm tall

Comes with BEST Cleaner and YOREZ (No-Twist) 4-1000

No.	Code No.	Item	Min. Unit	Use
	12 17 56	One-Wing Boom Sprayer #-G (UKIAGARI-SUZURAN), 8 Nozzles (G1/4)	1	For field vegetables (Item made on demand)
1	12 17 57	One-Wing Boom Sprayer #-G (UKIAGARI-SUZURAN), 9 Nozzles (G1/4)	1	For field vegetables (Item made on demand)
	12 17 58	One-Wing Boom Sprayer #-G (UKIAGARI-SUZURAN), 10 Nozzles (G1/4)	1	For field vegetables (Item made on demand)

One-Wing Boom Sprayer #-G (For SUZURAN)

Parallel spraying with a multiple-head boom sprayers make for uniform distribution; **stainless steel boom.**

Features

Parallel distribution, in which a multiple-head boom is moved rectangularly and parallel to the ground, gives a much more uniform distribution than random distribution which is now common, and also optimizes the use of chemicals.



Average Drop Size (µm)	55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Item	9 Nozzles
Flow Rate (1.5MPa)	9.1 L/min
Nozzle #	NN-D-6
Coverage	approx. 304cm
Maximum Spray Reach	approx. 3 m
Length/Weight	341 cm, 2,930g
Adapter	G1/4

* Coverage as of 30 cm from nozzle head

Comes with BEST Cleaner and YOREZ (No-Twist) 4-1000

This item is ideal for spraying onto field vegetables.

No.	Code No.	Item	Min. Unit	Use
	12 17 50	One-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 8 Nozzles (G1/4)	1	For field vegetables (Item made on demand)
1	12 17 51	One-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 9 Nozzles (G1/4)	1	For field vegetables (Item made on demand)
	12 17 52	One-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 10 Nozzles (G1/4)	1	For field vegetables (Item made on demand)

One-Wing Boom Sprayer #-G
(for either KIRINASHI Herbicide Nozzle or ROUND NOZZLE 25)

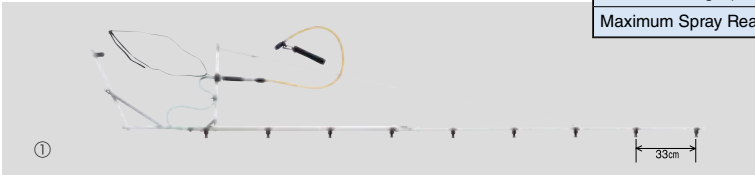
Parallel spraying will save time. **stainless steel boom.**



Parallel distribution gives a much more uniform coverage and a higher labor efficiency than random distribution.

By attaching KIRINASHI Herbicide Nozzle, this item becomes ideal for applying herbicides (soil treatment compounds, plant treatment compounds): by attaching ROUND NOZZLE 25, this item becomes ideal for applying Roundup High Load Weedkiller.

<Drift-reducing>



Average Drop Size (μm)	560(1.0MPa)
Pressure Range (MPa)	0.5-1.0
Maximum Spray Reach	approx. 2m

Item	for KIRINASHI Herbicide Nozzle, 9 Nozzles
Flow Rate (1.0MPa)	8.1 L/min
Nozzle #	N-KA-8R
Coverage	approx. 334cm
Maximum Spray Reach	approx. 2 m
Length/Weight	341cm, 3,000g
Adapter	G1/4

* Coverage as of 30 cm from nozzle head
Comes with BEST Cleaner and YOREZ (No-Twist) 4-1000

<Drift-reducing>



Average Drop Size (μm)	750(0.7MPa)
Pressure Range (MPa)	0.5-1.0
Maximum Spray Reach	approx. 2m

Item	for ROUND NOZZLE 25, 9 Nozzles
Flow Rate (1.0MPa)	4.5 L/min
Nozzle #	N-KA-055SB
Coverage	approx. 344cm
Maximum Spray Reach	approx. 2 m
Length/Weight	341cm, 3,000g
Adapter	G1/4

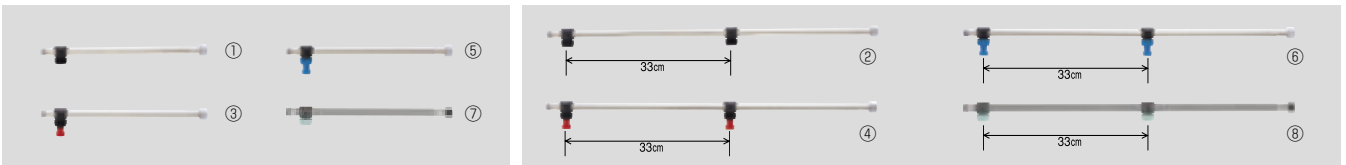
* Coverage as of 30 cm from nozzle head
Comes with BEST Cleaner and YOREZ (No-Twist) 4-1000

No.	Code No.	Item	Min. Unit	Use
	14 20 90	One-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 8 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
1	14 20 91	One-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 9 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
	14 20 92	One-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 10 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
	15 21 50	One-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 8 Nozzles (G1/4)	1	For weed killer "Roundup High Load" (Item made on demand)
2	15 21 51	One-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 9 Nozzles (G1/4)	1	For weed killer "Roundup High Load" (Item made on demand)
	15 21 52	One-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 10 Nozzles (G1/4)	1	For weed killer "Roundup High Load" (Item made on demand)

Boom

Extension Nozzle for One-Wing Boom Sprayers

<Stainless Steel Nozzle>



Nozzle #	N-KA-8R	N-KA-055SB	NN-D-6	SV-10-80C
Average Drop Size (μm)	560(1.0MPa)	750(0.7MPa)	55(1.5MPa)	100(1.5MPa)
Pressure Range (MPa)	0.5-1.0	0.5-1.0	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 2m	approx. 2m	approx. 3m	approx. 3m

Items	Extension Nozzle	Extension Nozzle, 2 Nozzles
SUZURAN	L:34cm, 150g	L:67cm, 230g
KIRINASHI Herbicide Noz.	L:34cm, 160g	L:67cm, 240g
ROUND NOZZLE 25	L:34cm, 160g	L:67cm, 240g
UKIAGARI-SUZURAN	L:34cm, 150g	L:67cm, 230g

* Adapter: G3/8 Female

No.	Code No.	Item	Min. Unit	Use
1	12 17 36	Extension Nozzle for One-Wing Boom Sprayers (for SUZURAN) (G3/8)	10	Item made on demand
2	12 17 37	Extension Nozzle for One-Wing Boom Sprayers (for SUZURAN), 2 Nozzles (G3/8)	10	Item made on demand
3	14 20 76	Extension Nozzle for One-Wing Boom Sprayers (for KIRINASHI Herbicide Nozzle) (G3/8)	10	Item made on demand
4	14 20 77	Extension Nozzle for One-Wing Boom Sprayers (for KIRINASHI Herbicide Nozzle), 2 Noz. (G3/8)	10	Item made on demand
5	15 21 36	Extension Nozzle for One-Wing Boom Sprayers (for ROUND NOZZLE 25) (G3/8)	10	Item made on demand
6	15 21 37	Extension Nozzle for One-Wing Boom Sprayers (for ROUND NOZZLE 25), 2 Nozzles (G3/8)	10	Item made on demand
7	12 17 38	Extension Nozzle for One-Wing Boom Sprayers (for UKIAGARI-SUZURAN) (G3/8)	10	Item made on demand
8	12 17 39	Extension Nozzle for One-Wing Boom Sprayers (for UKIAGARI-SUZURAN), 2 Nozzles (G3/8)	10	Item made on demand

* Nozzles on this list can be also applied on one of our center-grip booms.

Two-Wing Boom Sprayer #-G

For parallel distribution in wide areas. **Stainless steel boom.**

<Drift-reducing>

Exception:

Two-Wing Boom sprayer for SUZURAN Sector Spray Nozzle is not a drift-reducing model.

Features

- Parallel spraying enables uniform distribution and optimizes the amount of chemicals used
- Very wide coverage, saving much time and effort
- Lightweight aluminium body and shoulder strap reduce operator workload
- Two cords which prevent bending or warping of boom ensures safe and easy operation as well as uniform distribution of spray
- By attaching Triple Directional Valves, this item can be used as a one-wing boom sprayer
- Adapter: G3/8 (φ10) • Comes for BEST Cleaner and YOZEZ (No-Twist) 4-1000

Nozzle #	N-KA-8R	N-KA-055SB	NN-D-6	N-KA-8R
Average Drop Size (μm)	560 (1.0 MPa)	750 (0.7 MPa)	55 (1.5 MPa)	100 (1.5 MPa)
Pressure Range (MPa)	0.5-1.0	0.5-1.0	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 2m	approx. 2m	approx. 3m	approx. 3m

16 Nozzles Assembly



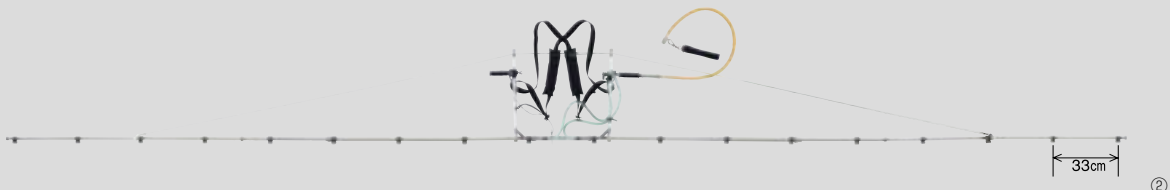
Item	for KIRINASHI Herbicide Nozzle, 16 Nozzles	for ROUND NOZZLE 25, 16 Nozzles	for SUZURAN New Sector Spray Nozzle, 16 Nozzles	for UKIAGARI-SUZURAN, 16 Nozzles
Flow Rate	14.4 L/min (1.0MPa)	6.9 L/min (1.0MPa)	16.2 L/min (1.5MPa)	16.0 L/min (1.5MPa)
Nozzle #	N-KA-8R	N-KA-055SB	NN-D-6	SV-10-80C
Coverage	approx. 565cm	approx. 575cm	approx. 535cm	approx. 535cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 3 m	approx. 3 m
Hoses φ	φ 10	φ 10	φ 10	φ 10
Spray height	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm
Length/Weight	504cm, 4,520g	504cm, 4,520g	504cm, 4,390g	504cm, 4,400g
Adapter	G3/8	G3/8	G3/8	G3/8

* Coverage as of 30 cm from nozzle head

* Spray height [range of distance between boom and earth] as of a person 170 cm tall

No.	Code No.	Item	Min. Unit	Use
	14 20 93	Two-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 16 Nozzles (G3/8)	1	For Herbicides (Item made on demand)
	15 21 53	Two-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 16 Nozzles (G3/8)	1	For weed killer "Roundup High Load" (Item made on demand)
1	12 17 53	Two-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 16 Nozzles (G3/8)	1	For field vegetables (Item made on demand)
	12 17 59	Two-Wing Boom Sprayer #-G (for UKIAGARI-SUZURAN), 16 Nozzles (G3/8)	1	For field vegetables (Item made on demand)

18 Nozzles Assembly



Item	for KIRINASHI Herbicide Nozzle, 18 Nozzles	for ROUND NOZZLE 25, 18 Nozzles	for SUZURAN New Sector Spray Nozzle, 18 Nozzles	for UKIAGARI-SUZURAN, 18 Nozzles
Flow Rate	16.2 L/min (1.0MPa)	7.7 L/min (1.0MPa)	18.2 L/min (1.5MPa)	18.0 L/min (1.5MPa)
Nozzle #	N-KA-8R	N-KA-055SB	NN-D-6	SV-10-80C
Coverage	approx. 631cm	approx. 641cm	approx. 601cm	approx. 601cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 3 m	approx. 3 m
Hoses φ	φ 10	φ 10	φ 10	φ 10
Spray height	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm
Length/Weight	570cm, 4,690g	570cm, 4,690g	570cm, 4,550g	570cm, 4,560g
Adapter	G3/8	G3/8	G3/8	G3/8

* Coverage as of 30 cm from nozzle head

* Spray height [range of distance between boom and earth] as of a person 170 cm tall

No.	Code No.	Item	Min. Unit	Use
	14 20 94	Two-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 18 Nozzles (G3/8)	1	For Herbicides (Item made on demand)
	15 21 54	Two-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 18 Nozzles (G3/8)	1	For weed killer "Roundup High Load" (Item made on demand)
2	12 17 54	Two-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 18 Nozzles (G3/8)	1	For field vegetables (Item made on demand)
	12 17 60	Two-Wing Boom Sprayer #-G (for UKIAGARI-SUZURAN), 18 Nozzles (G3/8)	1	For field vegetables (Item made on demand)

20 Nozzles Assembly



③

Item	for KIRINASHI Herbicide Nozzle, 20 Nozzles	for ROUND NOZZLE 25, 20 Nozzles	for SUZURAN New Sector Spray Nozzle, 20 Nozzles	for UKIAGARI-SUZURAN, 20 Nozzles
Flow Rate	18.0 L/min (1.0MPa)	8.6 L/min (1.0MPa)	20.2 L/min (1.5MPa)	20.0 L/min (1.5MPa)
Nozzle #	N-KA-8R	N-KA-055SB	NN-D-6	SV-10-80C
Coverage	approx. 697cm	approx. 707cm	approx. 667cm	approx. 667cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 3 m	approx. 3 m
Hoses ϕ	ϕ 10	ϕ 10	ϕ 10	ϕ 10
Spray height	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm	approx. 30-90 cm
Length/Weight	636cm, 4,860g	636cm, 4,860g	636cm, 4,720g	636cm, 4,730g
Adapter	G3/8	G3/8	G3/8	G3/8

* Coverage as of 30 cm from nozzle head

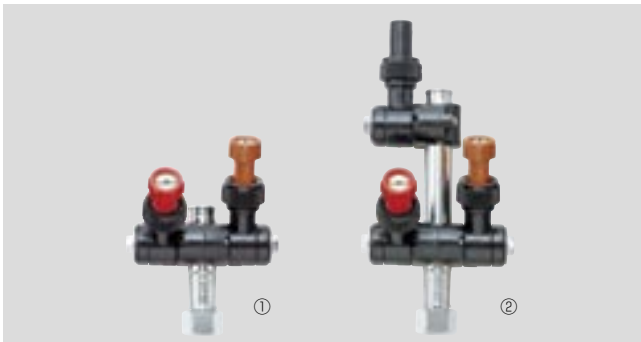
* Spray height [range of distance between boom and earth] as of a person 170 cm tall

No.	Code No.	Item	Min. Unit	Use
	14 20 95	Two-Wing Boom Sprayer #-G (for KIRINASHI Herbicide Nozzle), 20 Nozzles (G3/8)	1	For Herbicides (Item made on demand)
	15 21 55	Two-Wing Boom Sprayer #-G (for ROUND NOZZLE 25), 20 Nozzles (G3/8)	1	For weed killer "Roundup High Load" (Item made on demand)
3	12 17 55	Two-Wing Boom Sprayer #-G (for SUZURAN New Sector Spray Nozzle), 20 Nozzles (G3/8)	1	For field vegetables (Item made on demand)
	12 17 61	Two-Wing Boom Sprayer #-G (for UKIAGARI-SUZURAN), 20 Nozzles (G3/8)	1	For field vegetables (Item made on demand)

KIRINASHI (Ultra Low-Drift) Herbicide Side-Nozzle #-G

New Sector Spray Side-Nozzle #-G

<Drift-reducing>



<Stainless Steel Pipe>

<Stainless Steel Pipe>

Items	#-2G	#-4G
Average Drop Size (μ m)	530-540(1.0MPa)	350-600(1.0MPa)
Pressure Range (MPa)	1.0	1.0
Maximum Spray Reach	approx. 4m	approx. 7m

Items	#-2G	#-4G
Average Drop Size (μ m)	70-110(1.5MPa)	70-260(1.5MPa)
Pressure Range (MPa)	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 5m	approx. 7m

Item	KIRINASHI (Ultra Low-Drift) Herbicide Side-Nozzle #-2G	KIRINASHI (Ultra Low-Drift) Herbicide Side-Nozzle #-4G
Flow Rate	5.6 L/min (1.0 MPa)	11.4 L/min (1.0 MPa)
Nozzle #	1.N-KS-15 2.N-KA-12R	1.N-KF-17B 2.N-KS-15 3.N-KA-15R
Maximum Spray Reach	approx. 2 m	approx. 4 m
Length/Weight	12cm, 190g	19cm, 260g
Adapter	G3/8	G3/8

Features Enables a spray reach of 2 meters (2G) or 4 meters (4g) by attaching this nozzle onto the far end of a boom sprayer or the side of a pickup truck. Especially ideal for applying herbicides onto a wide area such as roads, railroads and orchards. For applying pesticides onto field vegetables, New Sector Spray Nozzle 2G and 4G is recommended.

Item	New Sector Spray Side-Nozzle #-2G	New Sector Spray Side-Nozzle #-4G
Flow Rate	6.3 L/min (1.5 MPa)	11.4 L/min (1.5 MPa)
Nozzle #	1.SP-33-35M 2.NN-Y-8	1.SP-51-25M 2.SP-33-35M 3.NN-Y-8
Maximum Spray Reach	approx. 2 m	approx. 4 m
Length/Weight	9.5cm, 180g	17cm, 250g
Adapter	G3/8	G3/8

No.	Code No.	Item	Min. Unit	Use
1	14 36 15	KIRINASHI (Ultra Low-Drift) Herbicide Side-Nozzle #-2G (G3/8)	10	For Herbicides (Item made on demand)
2	14 36 16	KIRINASHI (Ultra Low-Drift) Herbicide Side-Nozzle #-4G (G3/8)	10	For Herbicides (Item made on demand)
3	12 39 15	New Sector Spray Side-Nozzle #-2G (G3/8)	10	For prevention and removal (Item made on demand)
4	12 39 16	New Sector Spray Side-Nozzle #-4G (G3/8)	10	For prevention and removal (Item made on demand)

Simple Boom DX

Stainless Steel pipe

<Drift-reducing>

Items	N-KA-8R	N-ES-8
Average Drop Size (μm)	560(1.0MPa)	300(1.5MPa)
Pressure Range (MPa)	0.5-1.0	1.0-1.5
Maximum Spray Reach	approx. 2m	approx. 3m



Features

The boom can be attached onto pickup trucks and tractors, and after use can be folded inwards so that it does not get in the way. Produces a air-assisted, 100° flat fan. Minimal drift, ideal for applying herbicides.

Item	for KIRINASHI Herbicide Nozzle, 13 Nozzles	for KIRINASHI Herbicide Nozzle, 15 Nozzles	for KIRINASHI Herbicide Nozzle, 17 Nozzles	for KIRINASHI ES, 13 Nozzles	for KIRINASHI ES, 15 Nozzles	for KIRINASHI ES, 17 Nozzles
Flow Rate	11.7 L/min (1.0MPa)	13.5 L/min (1.0MPa)	15.3 L/min (1.0MPa)	14.3 L/min (1.5MPa)	16.5 L/min (1.5MPa)	18.7 L/min (1.5MPa)
Nozzle #	N-KA-8R	N-KA-8R	N-KA-8R	N-ES-8	N-ES-8	N-ES-8
Coverage	approx. 430cm	approx. 490cm	approx. 550cm	approx. 417cm	approx. 477cm	approx. 537cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 2 m	approx. 3 m	approx. 3 m	approx. 3 m
Length/Weight	371cm, 7,370g	431cm, 7,600g	491cm, 7,910g	371cm, 7,370g	431cm, 7,600g	491cm, 7,910g
Adapter	G1/4 Female	G1/4 Female	G1/4 Female	G1/4 Female	G1/4 Female	G1/4 Female

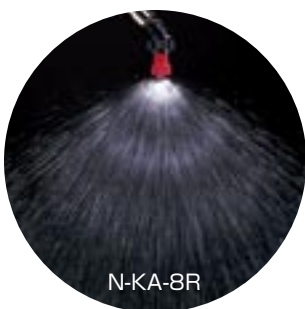
* Coverage as of 30 cm from nozzle head

※ Note: Extension boom for this product is shown on page 52 (Stainless Boom Extension #-15G).



Spraying Patterns

By exchanging nozzle head, Simple Boom DX becomes extremely versatile - effective for various uses



N-KA-8R

(KIRINASHI Herbicide Nozzle)



N-KA-055SB

(ROUND NOZZLE 25)



NN-D-6S

(SUZURAN)



N-ES-8

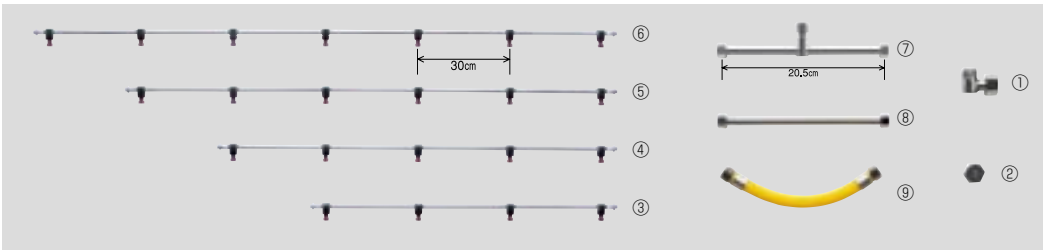
(KIRINASHI ES)

No.	Code No.	Item	Min. Unit	Use
	14 22 40	Simple Boom DX (for KIRINASHI Herbicide Nozzle), 13 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
	14 22 41	Simple Boom DX (for KIRINASHI Herbicide Nozzle), 15 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
1	14 22 42	Simple Boom DX (for KIRINASHI Herbicide Nozzle), 17 Nozzles (G1/4)	1	For Herbicides (Item made on demand)
	14 22 43	Simple Boom DX (for KIRINASHI ES), 13 Nozzles (G1/4)	1	For vegetable crops (Item made on demand)
	14 22 44	Simple Boom DX (for KIRINASHI ES), 15 Nozzles (G1/4)	1	For vegetable crops (Item made on demand)
	14 22 45	Simple Boom DX (for KIRINASHI ES), 17 Nozzles (G1/4)	1	For vegetable crops (Item made on demand)

Stainless Boom #15 for Boom Sprayers
(stainless pipe, external diameter 15mm)

<Drift-reducing>

Average Drop Size (µm)	560(1.0MPa)
Pressure Range (MPa)	0.5-1.0
Maximum Spray Reach	approx. 2m



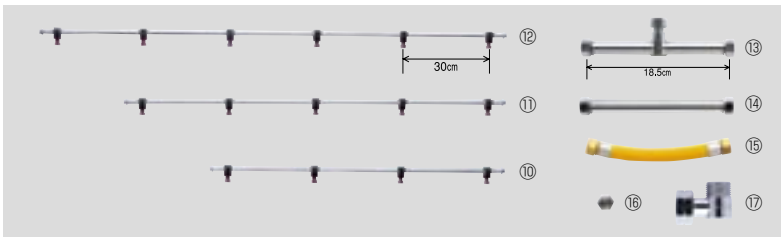
Item	Stainless Boom #15 for Boom Sprayers, 4 Nozzles	Stainless Boom #15 for Boom Sprayers, 5 Nozzles	Stainless Boom #15 for Boom Sprayers, 6 Nozzles	Stainless Boom #15 for Boom Sprayers, 7 Nozzles
Flow Rate	3.9 L/min (1.0MPa)	4.9 L/min (1.0MPa)	5.8 L/min (1.0MPa)	6.8 L/min (1.0MPa)
Nozzle #	no drift weeding tip N-KA-8R	no drift weeding tip N-KA-8R	no drift weeding tip N-KA-8R	no drift weeding tip N-KA-8R
Coverage	approx. 160cm	approx. 190cm	approx. 220cm	approx. 250cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 2 m	approx. 2 m
Length/Weight	100cm, 330g	130cm, 400g	160cm, 470g	190cm, 540g

* Coverage as of 30 cm from nozzle head

Stainless Boom #17 for Boom Sprayers
(stainless pipe, external diameter 17mm)

<Drift-reducing>

Average Drop Size (µm)	560(1.0MPa)
Pressure Range (MPa)	0.5-1.0
Maximum Spray Reach	approx. 2m



Item	Stainless Boom #17 for Boom Sprayers, 4 Nozzles	Stainless Boom #17 for Boom Sprayers, 5 Nozzles	Stainless Boom #17 for Boom Sprayers, 6 Nozzles
Flow Rate	3.9 L/min (1.0MPa)	4.9 L/min (1.0MPa)	5.8 L/min (1.0MPa)
Nozzle #	no drift weeding tip N-KA-8R	no drift weeding tip N-KA-8R	no drift weeding tip N-KA-8R
Coverage	approx. 160cm	approx. 190cm	approx. 220cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 2 m
Length/Weight	102cm, 380g	132cm, 470g	162cm, 550g

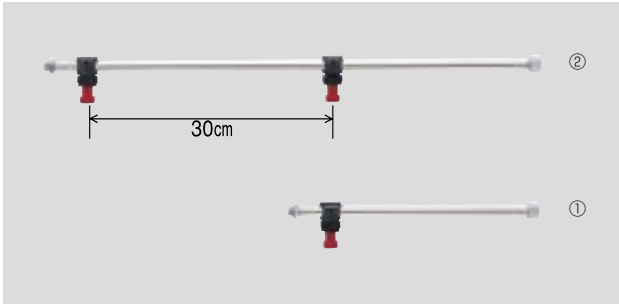
* Coverage as of 30 cm from nozzle head

Please specify nozzle head (New Sector Spray Nozzle Disk, KIRINASHI Tip, Nozzles for Weeding, or Round Tip) when ordering this product . This product is compatible with either of the above. Please refer to Nozzle Head specifications for information on each of the nozzle heads and choose according to your needs

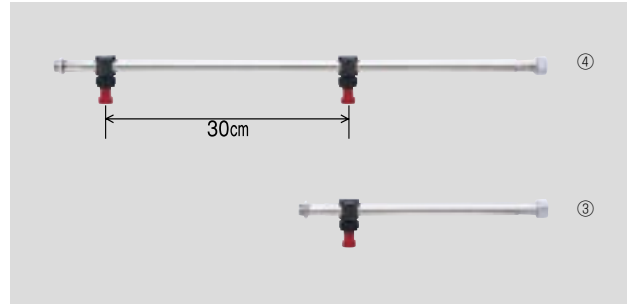
Please specify nozzle head (New Sector Spray Nozzle Disk, KIRINASHI Tip, Nozzles for Weeding, or Round Tip) when ordering this product.
This product is compatible with either of the above.
Please refer to Nozzle Head specifications for information on each of the nozzle heads and choose according to your needs

No.	Code No.	Item	Min. Unit	Use
1	75 30 50	L-shaped Multi-Purpose Joint (G1/4)	10	Item made on demand
2	50 51 12	Imperforate Cap (G1/4)	10	
3	21 13 14	Stainless Boom #15 for Boom Sprayers, 4 Nozzles (G1/4)	10	
4	21 13 15	Stainless Boom #15 for Boom Sprayers, 5 Nozzles (G1/4)	10	
5	21 13 16	Stainless Boom #15 for Boom Sprayers, 6 Nozzles (G1/4)	10	
6	21 13 17	Stainless Boom #15 for Boom Sprayers, 7 Nozzles (G1/4)	10	Item made on demand
	21 13 18	Stainless Boom #15 for Boom Sprayers, 8 Nozzles (G1/4)	10	Item made on demand
	21 13 19	Stainless Boom #15 for Boom Sprayers, 9 Nozzles (G1/4)	10	Item made on demand
	21 13 20	Stainless Boom #15 for Boom Sprayers, 10 Nozzles (G1/4)	10	Item made on demand
7	75 75 10	T-shaped Multi-Purpose Joint B (G1/4)	5	Item made on demand
8	75 75 11	I-shaped Multi-Purpose Joint B (G1/4)	5	Item made on demand
9	75 75 12	Hose Joint B (G1/4)	5	Item made on demand
10	21 14 44	Stainless Boom #17 for Boom Sprayers, 4 Nozzles (G3/8)	10	
11	21 14 45	Stainless Boom #17 for Boom Sprayers, 5 Nozzles (G3/8)	10	
12	21 14 46	Stainless Boom #17 for Boom Sprayers, 6 Nozzles (G3/8)	10	
	21 14 47	Stainless Boom #17 for Boom Sprayers, 7 Nozzles (G3/8)	10	Item made on demand
	21 14 48	Stainless Boom #17 for Boom Sprayers, 8 Nozzles (G3/8)	10	Item made on demand
	21 14 49	Stainless Boom #17 for Boom Sprayers, 9 Nozzles (G3/8)	10	Item made on demand
	21 14 50	Stainless Boom #17 for Boom Sprayers, 10 Nozzles (G3/8)	10	Item made on demand
13	75 75 13	T-shaped Multi-Purpose Joint C (G3/8)	5	Item made on demand
14	75 75 14	I-shaped Multi-Purpose Joint C (G3/8)	5	Item made on demand
15	75 75 15	Hose Joint C (G3/8)	5	Item made on demand
16	50 51 36	Imperforate Cap (G3/8)	10	
17	75 30 05	L-shaped Multi-Purpose Joint (G3/8)	10	Item made on demand

Related Parts



Item	Stainless Boom Extension #-15G, 1 Nozzle	Stainless Boom Extension #-15G, 2 Nozzles
Length/Weight	31 cm, 160g	61cm, 230g
Adapter	G1/4 Female	G1/4 Female



Item	Stainless Boom Extension #-17G, 1 Nozzle	Stainless Boom Extension #-17G, 2 Nozzles
Length/Weight	31 cm, 180g	61cm, 270g
Adapter	G3/8 Female	G3/8 Female

No.	Code No.	Item	Min. Unit	Use
1	21 14 35	Stainless Boom Extension #-15G, 1 Nozzle (G1/4)*	10	Item made on demand
2	21 14 36	Stainless Boom Extension #-15G, 2 Nozzles (G1/4)*	10	Item made on demand
3	21 14 51	Stainless Boom Extension #-17G, 1 Nozzle (G3/8)	10	Item made on demand
4	21 14 52	Stainless Boom Extension #-17G, 2 Nozzles (G3/8)	10	Item made on demand

※ Items with an asterisk(*) can be used as an extension for Simple Boom DX (refer to page 50).



No.	Code No.	Item	Min. Unit	Use
1	75 13 32	L-shaped CP Nozzle (with NN-D-6) (SW13.8)	10	Item made on demand
	75 13 93	L-shaped CP Nozzle (with NN-D-6) (G1/4)	10	Item made on demand
2	75 13 95	L-shaped CP Nozzle (with N-KA-8R) (SW13.8)	10	Item made on demand
	75 13 94	L-shaped CP Nozzle (with N-KA-8R) (G1/4)	10	Item made on demand
3	75 13 48	L-shaped DP Nozzle (with NN-D-6)	10	Item made on demand
4	75 13 96	L-shaped DP Nozzle (with N-KA-8R)	10	Item made on demand
5	75 13 35	Clamp (AL106.107)	10	Item made on demand



Saving Nozzle (Patent Pending)

Low flow rate nozzle head for fields.

<Drift-reducing>

Average Drop Size (µm)	120(1.0MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 2m

Features This nozzle head is compatible with our boom sprayers currently in offer, enabling low flow rate spraying (25 liters per 10 ares). Produces a flat cone, with an average droplet diameter of 120 micrometers - larger than our other nozzle heads (60 micrometers), which makes for even less drift. By attaching this nozzle into one of our Switchable Nozzles, one may use and switch between normal nozzles and Saving Nozzle.

Saves spray - saves chemicals, workload, and impact on environment



Item	#-5	#-5, P-1 Nozzle (Straight)	#-5, M-1 Nozzle (Straight)
Flow Rate (1.0MPa)	0.37 L/min	0.37 L/min	0.37 L/min
Flow Rate (1.5MPa)	0.46 L/min	0.46 L/min	0.46 L/min
Nozzle #	N-SVN-5SY	N-SVN-5SY	N-SVN-5SY
Coverage	approx. 40cm	approx. 40cm	approx. 40cm
Maximum Spray Reach	approx. 2 m	approx. 2 m	approx. 2 m
Length/Weight	25mm, 10g	37mm, 14g	34mm, 26g
Adapter	W20 with slit	SW13.8	W20 without slit

* Coverage as of 30 cm from nozzle head

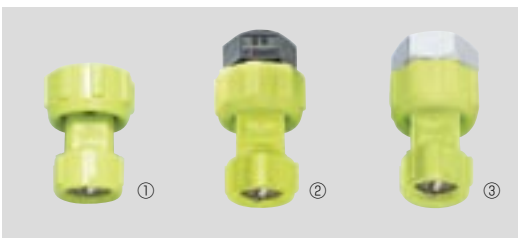
No.	Code No.	Item	Min. Unit	Use
1	49 36 11	Saving Tip #-5	100	For field crops (Item made on demand)
2	14 40 11	Saving Nozzle #-5, P-1 Nozzle (Straight)	100	For field crops (Item made on demand)
3	14 40 12	Saving Nozzle #-5, M-1 Nozzle (Straight)	100	For field crops (Item made on demand)

KIRINASHI (Ultra Low-Drift) ES Nozzle

<Drift-reducing>

Average Drop Size (µm)	300(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Features Compatible with our booms currently in offer, this ES Nozzle produces an air-assisted 100° flat fan. Minimal drift, ideal for use in wide areas.



Item	#-8	#-8, P-1 Nozzle (Straight)	#-8, M-1 Nozzle (Straight)
Flow Rate (1.0MPa)	0.9 L/min	0.9 L/min	0.9 L/min
Flow Rate (1.5MPa)	1.1 L/min	1.1 L/min	1.1 L/min
Nozzle #	N-ES-8	N-ES-8	N-ES-8
Coverage	approx. 60cm	approx. 60cm	approx. 60cm
Maximum Spray Reach	approx. 3 m	approx. 3 m	approx. 3 m
Length/Weight	35mm, 9g	46mm, 14g	44mm, 26g
Adapter	W20 with slit	SW13.8	W20 without slit

* Coverage as of 30 cm from nozzle head



We offer this product in a larger flow rate. Please select according to your needs.

Photo No.	Code No.	Item	Nozzle	Flow Rate(1.0MPa)
②	14 40 15	KIRINASHI (Ultra Low-Drift) ES Nozzle #-9, P-1 Nozzle (Straight)	N-ES-9	1.13 L/min
	14 40 16	KIRINASHI (Ultra Low-Drift) ES Nozzle #-10, P-1 Nozzle (Straight)	N-ES-10	1.41 L/min
	14 40 17	KIRINASHI (Ultra Low-Drift) ES Nozzle #-11, P-1 Nozzle (Straight)	N-ES-11	1.69 L/min
③	14 40 18	KIRINASHI (Ultra Low-Drift) ES Nozzle #-9, M-1 Nozzle (Straight) (W20)	N-ES-9	1.13 L/min
	14 40 19	KIRINASHI (Ultra Low-Drift) ES Nozzle #-10, M-1 Nozzle (Straight) (W20)	N-ES-10	1.41 L/min
	14 40 20	KIRINASHI (Ultra Low-Drift) ES Nozzle #-11, M-1 Nozzle (Straight) (W20)	N-ES-11	1.69 L/min

No.	Code No.	Item	Min. Unit	Use
1	49 17 18	KIRINASHI (Ultra Low-Drift) ES Tip #-8	100	For vegetable crops (Item made on demand)
2	14 40 13	KIRINASHI (Ultra Low-Drift) ES Nozzle #-8, P-1 Nozzle (Straight)	100	For vegetable crops (Item made on demand)
3	14 40 14	KIRINASHI (Ultra Low-Drift) ES Nozzle #-8, M-1 Nozzle (Straight)	100	For vegetable crops (Item made on demand)

KIRINASHI (Ultra Low-Drift) and
ROUND NOZZLE for Boom Sprayers

Features Produces a low-drift, flat fan spraying pattern. Ideal for spraying herbicides. For KIRINASHI P-1 Nozzle heads, fine-tuning its direction is possible when attaching the head onto the boom.

<Drift-reducing>

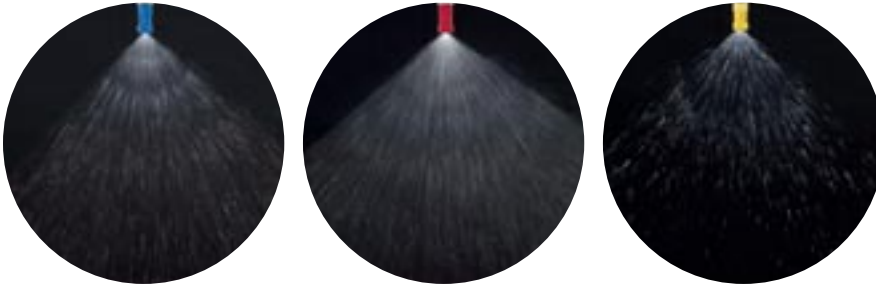


Photo No.	①	②	③
Average Drop Size (μm)	560(1.0MPa)	420(1.0MPa)	750(0.7MPa)
Pressure Range (MPa)	0.5-1.0	0.5-1.0	0.5-1.0
Maximum Spray Reach	approx. 2m	approx. 2m	approx. 2m

Item	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle 8DB	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle 10R	ROUND NOZZLE 50, P-1 Nozzle
Flow Rate (1.0MPa)	0.9 L/min	1.4 L/min	0.5 L/min
Nozzle #	BHY-1P-8DB	BHY-1P-10R	BHY-1P-6SY
Nozzle φ	φ 0.8	φ 1.0	φ 0.6
Coverage	approx. 70cm	approx. 70cm	approx. 80cm
Length/Weight	3.6 cm, 7g	3.6 cm, 7g	3.6 cm, 7g
Adapter	SW13.8	SW13.8	SW13.8

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 35 11	KIRINASHI (Ultra Low-Drift) Nozzle for Boom Sprayers, P-1 Nozzle 8DB (SW13.8)	50	For Herbicides (Item made on demand)
2	14 35 12	KIRINASHI (Ultra Low-Drift) Nozzle for Boom Sprayers, P-1 Nozzle 10R (SW13.8)	50	For Herbicides (Item made on demand)
3	15 22 25	ROUND NOZZLE 50 for Boom Sprayers, P-1 Nozzle (SW13.8)	50	For Herbicides (Item made on demand)

<Drift-reducing>

Nozzle #	N-KA-8R	N-KA-055SB
Average Drop Size (μm)	560(1.0MPa)	750(0.7MPa)
Pressure Range (MPa)	0.5-1.0	0.5-1.0
Maximum Spray Reach	approx. 2m	approx. 2m



Item	KIRINASHI (Ultra Low-Drift) Nozzle, 1 Nozzle (Straight)	KIRINASHI (Ultra Low-Drift) Nozzle, 1 Nozzle (Straight)	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle (Straight)	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle (Straight)	ROUND NOZZLE 25, 1 Nozzle (Straight)	ROUND NOZZLE 25, 1 Nozzle (Straight)	ROUND NOZZLE 25, P-1 Nozzle (Straight)	ROUND NOZZLE 25, P-1 Nozzle (Straight)
Flow Rate (1.0MPa)	0.9 L/min	0.9 L/min	0.9 L/min	0.9 L/min	0.43 L/min	0.43 L/min	0.43 L/min	0.43 L/min
Nozzle #	N-KA-8R	N-KA-8R	N-KA-8R	N-KA-8R	N-KA-055SB	N-KA-055SB	N-KA-055SB	N-KA-055SB
Coverage	approx. 70cm	approx. 70cm	approx. 70cm	approx. 70cm	approx. 80cm	approx. 80cm	approx. 80cm	approx. 80cm
Length/Weight	45mm, 30g	45mm, 30g	46mm, 14g	46mm, 14g	45mm, 30g	45mm, 30g	46mm, 14g	46mm, 14g
Adapter	SW13.8	G1/4	SW13.8	G1/4	SW13.8	G1/4	SW13.8	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 13 15	KIRINASHI (Ultra Low-Drift) Nozzle, 1 Nozzle (Straight) (SW13.8)	50	For Herbicides (Item made on demand)
2	14 13 16	KIRINASHI (Ultra Low-Drift) Nozzle, 1 Nozzle (Straight) (G1/4)	50	For Herbicides (Item made on demand)
3	14 13 17	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle (Straight) (SW13.8)	50	For Herbicides (Item made on demand)
4	14 13 18	KIRINASHI (Ultra Low-Drift) Nozzle, P-1 Nozzle (Straight) (G1/4)	50	For Herbicides (Item made on demand)
5	47 16 23	ROUND NOZZLE 25, 1 Nozzle (Straight) (SW13.8)	50	For Herbicides (Item made on demand)
6	15 17 55	ROUND NOZZLE 25, 1 Nozzle (Straight) (G1/4)	50	For Herbicides (Item made on demand)
7	15 17 56	ROUND NOZZLE 25, P-1 Nozzle (Straight) (SW13.8)	50	For Herbicides (Item made on demand)
8	15 17 57	ROUND NOZZLE 25, P-1 Nozzle (Straight) (G1/4)	50	For Herbicides (Item made on demand)

※ See also P.10-11 for related products.

2-Way Switchable Nozzle

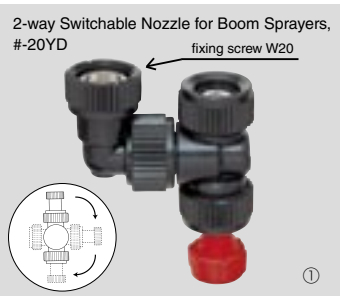
Please select a set of nozzles according to your needs and purposes, and specify when ordering this product. Low-drift nozzles are also available.

Features

By attaching this 2-Way Switchable Nozzle to a ZOOM Boom sprayer, the operator can employ several kinds of nozzles with no need for replacement work. Please specify the nozzle heads to be specified within the Switchable Nozzle when ordering.

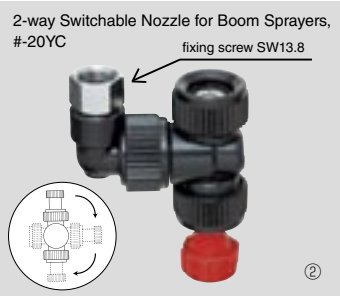


2-Way Switchable Nozzle is used widely in large-scale farming, thanks to the elimination of the need for head replacement.



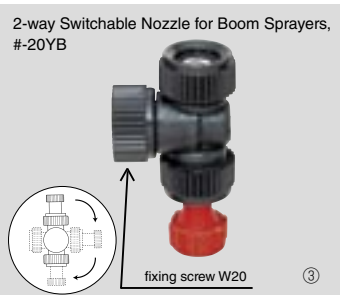
Standard Nozzle

NN-D-6S
(New Sector Spray Nozzle Disk)
N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)



Standard Nozzle

NN-D-6S
(New Sector Spray Nozzle Disk)
N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)



Standard Nozzle

NN-D-6S
(New Sector Spray Nozzle Disk)
N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)

Nozzle #	NN-D-6	N-KA-8R	N-KA-055SB
Average Drop Size (μm)	55(1.5MPa)	560(1.0MPa)	750(0.7MPa)
Pressure Range (MPa)	1.0-1.5	0.5-1.0	0.5-1.0
Coverage	approx. 40cm	approx. 70cm	approx. 80cm
Maximum Spray Reach	approx. 2m	approx. 2m	approx. 2m

* Coverage as of 30 cm from nozzle head

Item	2-Way Switchable Nozzle for Boom Sprayers, #20YC		2-Way Switchable Nozzle for Boom Sprayers, #20YM		2-Way Switchable Nozzle for Boom Sprayers, #20YD	
Flow Rate	1.0 L/min (1.5MPa)	0.9 L/min (1.0MPa)	1.0 L/min (1.5MPa)	0.9 L/min (1.0MPa)	1.0 L/min (1.5MPa)	0.9 L/min (1.0MPa)
Nozzle #	NN-D-6	N-KA-8R	NN-D-6	N-KA-8R	NN-D-6	N-KA-8R
Length/Weight	7cm x 6cm, 59g		8cm x 7cm, 61g		8cm x 7cm, 62g	
Adapter	SW13.8		W20		W20	

No.	Code No.	Item	Min. Unit	Use
1	21 16 10	2-Way Switchable Nozzle for Boom Sprayers, #20YD	50	For Boom Sprayer (Item made on demand)
	21 16 12	2-Way Switchable Nozzle for Boom Sprayers, #20YM	50	For Boom Sprayer (Item made on demand)
2	21 16 11	2-Way Switchable Nozzle for Boom Sprayers, #20YC (SW13.8)	50	For Boom Sprayer (Item made on demand)
3	21 16 13	2-Way Switchable Nozzle, #20YB	50	For Boom Sprayer (Item made on demand)

※ #20YD and #20YM has almost the same external appearance; the only difference is that #20YM comprises a sealing inside the adapter.

3-Way Switchable Nozzle

Please select a set of nozzles according to your needs and purposes, and specify when ordering this product. Low-drift nozzles are also available.

Features By attaching this 3-Way Switchable Nozzle to a ZOOM Boom sprayer, the operator can employ several kinds of nozzles with no need for replacement work. Please specify the nozzle heads to be specified within the Switchable Nozzle when ordering.

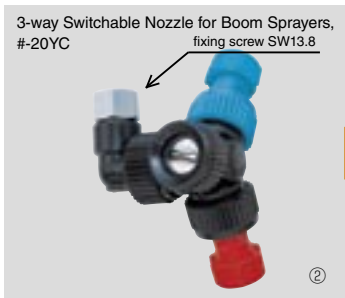


3-Way Switchable Nozzle is used widely in large-scale farming, thanks to the elimination of the need for head replacement.



Standard Nozzle

- NN-D-6S
(New Sector Spray Nozzle Disk)
- N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)
- N-KA-055SB
(ROUND NOZZLE 25 Tip)



Standard Nozzle

- NN-D-6S
(New Sector Spray Nozzle Disk)
- N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)
- N-KA-055SB
(ROUND NOZZLE 25 Tip)



Standard Nozzle

- NN-D-6S
(New Sector Spray Nozzle Disk)
- N-KA-8R
(KIRINASHI (Ultra Low-Drift)
Herbicide Nozzle Tip)
- N-KA-055SB
(ROUND NOZZLE 25 Tip)

Nozzle #	NN-D-6S	N-KA-8R	N-KA-055SB
Average Drop Size (µm)	55(1.5MPa)	560(1.0MPa)	750(0.7MPa)
Pressure Range (MPa)	1.0-1.5	0.5-1.0	0.5-1.0
Coverage	approx. 40cm	approx. 70cm	approx. 80cm
Maximum Spray Reach	approx. 2m	approx. 2m	approx. 2m

* Coverage as of 30 cm from nozzle head

Item	3-Way Switchable Nozzle for Boom Sprayers, #20YC			3-Way Switchable Nozzle for Boom Sprayers, #20YM			3-Way Switchable Nozzle for Boom Sprayers, #20YD		
Flow Rate(Mpa)	1.0 L/min (1.5)	0.9 L/min (1.0)	0.36 L/min (0.7)	1.0 L/min (1.5)	0.9 L/min (1.0)	0.36 L/min (0.7)	1.0 L/min (1.5)	0.9 L/min (1.0)	0.36 L/min (0.7)
Nozzle #	NN-D-6S	N-KA-8R	N-KA-055SB	NN-D-6S	N-KA-8R	N-KA-055SB	NN-D-6S	N-KA-8R	N-KA-055SB
Length/Weight	9cm x 6cm, 71g			9cm x 7cm, 72g			9cm x 7cm, 73g		
Adapter	SW13.8			SW20			SW20		

No.	Code No.	Item	Min. Unit	Use
1	21 16 20	3-Way Switchable Nozzle for Boom Sprayers, #20YD	25	For Boom Sprayer (Item made on demand)
	21 16 22	3-Way Switchable Nozzle for Boom Sprayers, #20YM	25	For Boom Sprayer (Item made on demand)
2	21 16 21	3-Way Switchable Nozzle for Boom Sprayers, #20YC (SW13.8)	25	For Boom Sprayer (Item made on demand)
3	21 16 23	3-Way Switchable Nozzle, #20YB	25	For Boom Sprayer (Item made on demand)

※ #20YD and #20YM has almost the same external appearance; the only difference is that #20YM comprises a sealing inside the adapter.
 ※ NN-D-6S (New Sector Nozzle) produces small droplets, so you might need to take care to reduce drift when employing it.

2- and 3-Way Switchable Nozzle attached to boom

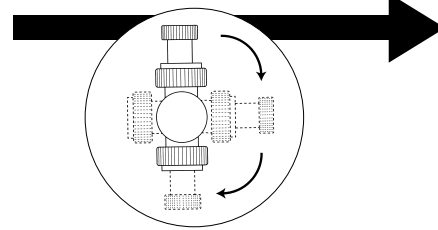


NN-D-6 attached to a 2-Way Switchable Boom



N-KS-8(KIRINASHI Nozzle) attached to a 2-Way Switchable Boom
(KIRINASHI Nozzle head is recommended for those preferring minimal drift)

Features 2-Way and 3-Way Switchable Nozzles are designed to eliminate the need for replacing several kinds of nozzle heads with different flow rates and/or spraying patterns. Spray will be produced from the nozzle heads facing downwards (40°right or left). Spraying can be stopped by simply turning the boom so that the nozzle head producing the spray faces horizontal with the boom (2-Way Switchable Nozzle).



3-Way Switchable Nozzle

Flow can be turned on or off as well as flow rate can be easily adjusted just by turning the Nozzle.
(Nozzles can be chosen from a wide variety.)



[Reference]

Spray Volume of Boom Sprayers by Spray Speed in 1000m²

Nozzle	Nozzle φ (mm)	Pressure (Mpa)	Flow Rate (L/min)	Spray Volume of Boom Sprayers by Spray Speed in 1000m ²				
				1.5 km/h	2.0 km/h	3.0 km/h	3.5 km/h	4.0 km/h
				(0.42 m/sec)	(0.56 m/sec)	(0.83 m/sec)	(0.97 m/sec)	1.11 m/sec
N-ES-5	0.5	1.0	0.35	47 Lit	35 Lit	23 Lit	20 Lit	18 Lit
		1.5	0.43	57 Lit	43 Lit	29 Lit	25 Lit	22 Lit
N-ES-6 BHY-1P-6SY	0.6	1.0	0.51	68 Lit	51 Lit	34 Lit	29 Lit	26 Lit
		1.5	0.62	83 Lit	62 Lit	41 Lit	35 Lit	31 Lit
N-ES-7	0.7	1.0	0.68	91 Lit	68 Lit	45 Lit	39 Lit	34 Lit
		1.5	0.83	111 Lit	83 Lit	55 Lit	47 Lit	42 Lit
N-ES-8, N-KA-8R BHY-1P-8DB	0.8	1.0	0.90	120 Lit	90 Lit	60 Lit	51 Lit	45 Lit
		1.5	1.10	147 Lit	110 Lit	73 Lit	63 Lit	55 Lit
N-ES-9	0.9	1.0	1.13	151 Lit	113 Lit	75 Lit	65 Lit	57 Lit
		1.5	1.39	185 Lit	139 Lit	93 Lit	79 Lit	70 Lit
N-ES-10 BHY-1P-10R	1.0	1.0	1.41	188 Lit	141 Lit	94 Lit	81 Lit	71 Lit
		1.5	1.73	231 Lit	173 Lit	115 Lit	99 Lit	87 Lit
N-ES-11	1.1	1.0	1.69	225 Lit	169 Lit	113 Lit	97 Lit	85 Lit
		1.5	2.07	276 Lit	207 Lit	138 Lit	118 Lit	104 Lit
N-SVN-5Sy	0.5	1.0	0.37	49 Lit	37 Lit	25 Lit	21 Lit	19 Lit
		1.5	0.46	61 Lit	46 Lit	31 Lit	26 Lit	23 Lit
NN-D-6S		1.0	0.83	111 Lit	83 Lit	55 Lit	47 Lit	42 Lit
		1.5	1.01	135 Lit	101 Lit	67 Lit	58 Lit	51 Lit
NN-D-8S		1.0	1.24	165 Lit	124 Lit	83 Lit	71 Lit	62 Lit
		1.5	1.52	203 Lit	152 Lit	101 Lit	87 Lit	76 Lit

Calculation of Spray Volume per 10a : Q=200×G÷V

Q=Spray Volume per (ℓ/10a), G=Spray Volume per nozzle (ℓ/min), V=velocity of spraying (km/h), 200=invariable (when distoner between nozzles is 30cm)