



- ① KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Bushes, 3 Nozzles
- ② KIRINASHI (Ultra Low-Drift) ES-P Boom Sprayer, 2 Nozzles
- ③ KIRINASHI (Ultra Low-Drift) PLA Powerful Boom Sprayer, 2 Nozzles
- ④ KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Tea/Vegetable Fields, 5 Nozzles
- ⑤ KIRINASHI (Ultra Low-Drift) Stainless Boom Sprayer for Rice Fields #-15G
- ⑥ KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Tea/Vegetable Fields, 5 Nozzles

KIRINASHI (Ultra Low-Drift) Single Nozzle Boom Sprayer for Orchards

KIRINASHI (Ultra Low-Drift) PLA Powerful Boom Sprayers, 2-3 Nozzles

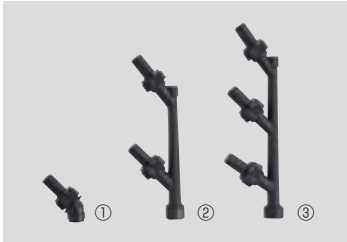
<Drift-reducing>

Average Drop Size (µm)	600(1.5MPa)
Pressure Range (MPa)	0.5-1.5
Maximum Spray Reach	approx. 6m

Features Produces a 20°air-assisted fine spray with excellent drift control. Firm application of chemicals onto the target, as well as optimal application onto far-reaching targets. Ideal for use in densely-planted orchards and trees.



KIRINASHI (Ultra Low-Drift) PLA Powerful Boom Sprayer, 3 Nozzles



Item	1 Nozzle	2 Nozzles	3 Nozzles
Flow Rate (1.0 MPa)	3.1 L/min	6.3 L/min	9.4 L/min
Flow Rate (1.5 MPa)	3.8 L/min	7.7 L/min	11.5 L/min
Nozzle #	N-KF-158	N-KF-158	N-KF-158
Coverage	approx. 40cm	approx. 60cm	approx. 90cm
Maximum Spray Reach	approx. 6m	approx. 6m	approx. 6m
Length/Weight	6cm, 16g	17cm, 49g	20cm, 62g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 1m from nozzle head



Item	Length	Weight
Grip-Pipe #30	32cm	150g
Grip-Pipe #50	52cm	190g
Grip-Pipe #70	72cm	240g

* Adapter : G1/4



Item	Length	Weight
Stainless Hand #30	32cm	170g
Stainless Hand #50	52cm	210g
Stainless Hand #70	72cm	240g

* Adapter : G1/4

KIRINASHI (Ultra Low-Drift) LIGHT Boom Sprayer, Types II and III

<Drift-reducing>

Average Drop Size (µm)	600-860 (1.0MPa)
Pressure Range (MPa)	0.5-1.5
Maximum Spray Reach	approx. 6-10m

Features This gun nozzle comprises two types of spray patterns: a single nozzle for a very narrow, pinpointed spray pattern which is ideal for spraying at distant targets; and two 20°nozzles, ideal for spraying at near and mid-distance targets. Both spray patterns feature minimal drift. Switching between the two can be done simply by turning the knob at the grip.



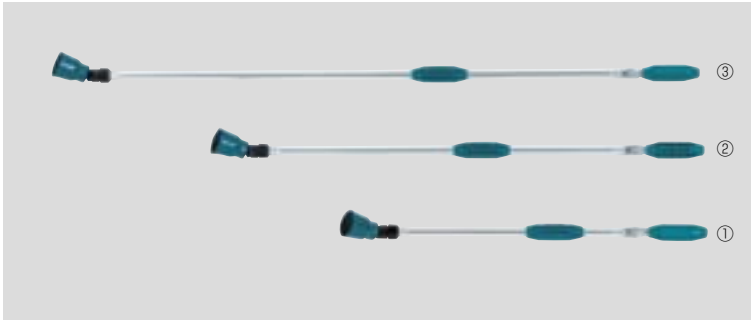
Item	Type II		Type III	
	1 Nozzle	2 Nozzles	1 Nozzle	2 Nozzles
Flow Rate (1.0 MPa)	1 Nozzle	2 Nozzles	1 Nozzle	2 Nozzles
Flow Rate (1.5 MPa)	5.7 L/min	6.3 L/min	5.7 L/min	6.3 L/min
Nozzle #	7.0 L/min	7.7 L/min	7.0 L/min	7.7 L/min
Coverage	N-KE-20B	N-KF-15B	N-KE-20B	N-KF-15B
Maximum Spray Reach	approx. 5cm	approx. 60cm	approx. 5cm	approx. 60cm
Length/Weight	approx. 10m	approx. 6m	approx. 10m	approx. 6m
Adapter	22cm, 560g		21cm, 270g	
Adapter	G1/4	G1/4	G1/4	G1/4

* Coverage as of 1m from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 11 20	KIRINASHI (Ultra Low-Drift) Single Nozzle Boom Sprayer for Orchards	100	For orchards (Item made on demand)
2	14 11 21	KIRINASHI (Ultra Low-Drift) PLA Powerful Boom Sprayer, 2-Nozzle(G 1/4)	50	For orchards (Item made on demand)
3	14 11 22	KIRINASHI (Ultra Low-Drift) PLA Powerful Boom Sprayer, 3-Nozzle(G 1/4)	50	For orchards (Item made on demand)
	30 15 14	Grip-Pipe #30(G 1/4)	10	Item made on demand
4	30 15 15	Grip-Pipe #50(G 1/4)	10	
	30 15 16	Grip-Pipe #70(G 1/4)	10	
	30 16 14	Stainless Hand #30(G 1/4)	10	Item made on demand
5	30 16 15	Stainless Hand #50(G 1/4)	10	Item made on demand
	30 16 16	Stainless Hand #70(G 1/4)	10	Item made on demand
6	14 12 49	KIRINASHI (Ultra Low-Drift) LIGHT Boom Sprayer, Type II DX(G 1/4)	20	For orchards (Item made on demand)
7	14 12 41	KIRINASHI (Ultra Low-Drift) LIGHT Boom Sprayer, Type III(G 1/4)	20	For orchards (Item made on demand)

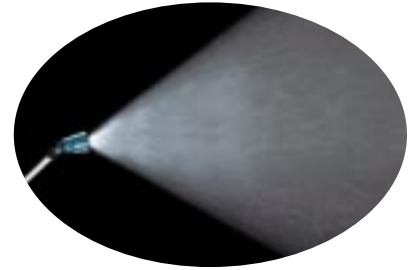
KIRINASHI (Ultra Low-Drift) ZOOM Boom Sprayer, Types 700, 900, and 1200

<Drift-reducing>



Item	#-700	#-900	#-1200
Flow Rate (1.5MPa)	5.8-7.2 L/min	5.8-7.2 L/min	5.8-7.2 L/min
Maximum Spray Reach	approx. 4-9 m	approx. 4-9 m	approx. 4-9 m
Nozzle #	N-KZV-20	N-KZV-20	N-KZV-20
Coverage	approx. 15-110cm	approx. 15-110cm	approx. 15-110cm
Spray Angle(1.5MPa)	approx. 15-70°	approx. 15-70°	approx. 15-70°
Length/Weight	70cm, 400g	96cm, 470g	128cm, 560g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 1m from nozzle head



Covers a wide range of targets, both near and far, with excellent drift control
Lightweight body reduces workload; ideal for use in both orchards and vegetable fields

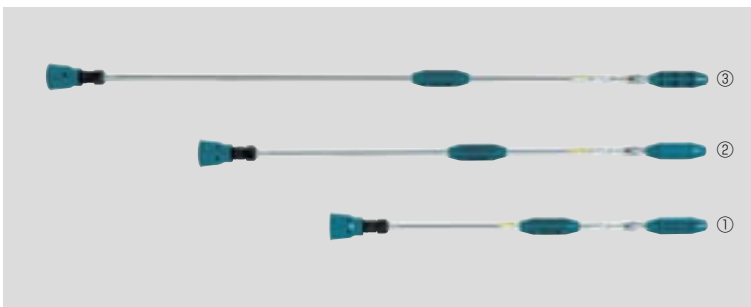
Features Produces an air-assisted spray with minimal drift. Spray can be applied easily onto both near and far targets ---- switching between the two can be done easily at the grip. It also features a lightweight aluminium body, so that less physical strength will be required for operation, leading to higher efficiency.

Average Drop Size (µm)	380-710(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 9m

No.	Code No.	Item	Min. Unit	Use
1	14 12 50	KIRINASHI (Ultra Low-Drift) ZOOM Boom Sprayer, Type 700(G 1/4)	10	For fruit and vegetable crops
2	14 12 51	KIRINASHI (Ultra Low-Drift) ZOOM Boom Sprayer, Type 900(G 1/4)	10	For fruit and vegetable crops
3	14 12 52	KIRINASHI (Ultra Low-Drift) ZOOM Boom Sprayer, Type 1200(G 1/4)	10	For fruit and vegetable crops

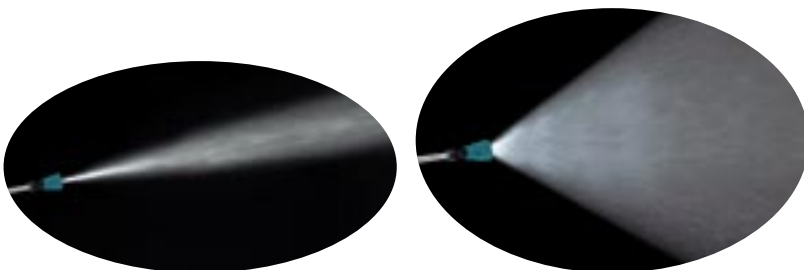
KIRINASHI (Ultra Low-Drift) Z Boom Sprayer, Types 700, 900, and 1200

<Drift-reducing>



Features The straight-set nozzle makes this item ideal for spraying onto high-positioned targets. Air-assisted fine spray with minimal drift; switching between far and near targets can be done easily at the grip.

Average Drop Size (µm)	380-710(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 9m



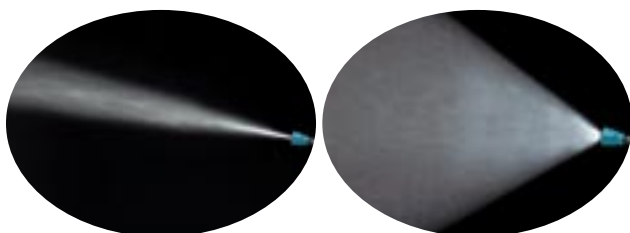
Item	#-700	#-900	#-1200
Flow Rate (1.5MPa)	5.8-7.2 L/min	5.8-7.2 L/min	5.8-7.2 L/min
Maximum Spray Reach	approx. 4-9 m	approx. 4-9 m	approx. 4-9 m
Nozzle #	N-KZV-20	N-KZV-20	N-KZV-20
Coverage	approx. 15-110cm	approx. 15-110cm	approx. 15-110cm
Spray Angle(1.5MPa)	approx. 15-70°	approx. 15-70°	approx. 15-70°
Length/Weight	70cm, 400g	96cm, 470g	128cm, 560g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 1m from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 12 53	KIRINASHI (Ultra Low-Drift) Z Boom Sprayer, Type 700(G 1/4)	10	For fruit and vegetable crops (Item made on demand)
2	14 12 54	KIRINASHI (Ultra Low-Drift) Z Boom Sprayer, Type 900(G 1/4)	10	For fruit and vegetable crops (Item made on demand)
3	14 12 55	KIRINASHI (Ultra Low-Drift) Z Boom Sprayer, Type 1200(G 1/4)	10	For fruit and vegetable crops (Item made on demand)

LIGHT ZOOM Boom Sprayer LD-1/LD-2/LD-3

<Drift-reducing>



One-hand operation and minimal drift takes the labor off of spraying operations. Oval-shaped spray pattern enables uniform application of chemicals.

Features Produces an air-assisted fine spray with minimal drift; switching between application to near and far targets can be done by simply turning the knob at the grip. An oval-shaped mist makes for an uniform application of agricultural chemicals, which, combined with a greater droplet diameter, leads to a longer spraying distance. Stainless steel body for excellent durability.

Average Drop Size (μm)	380-710(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 9m

Item	LD-1 DX	LD-2 DX	LD-3
Flow Rate (1.5MPa)	5.8-7.2 L/min	5.8-7.2 L/min	5.8-7.2 L/min
Maximum Spray Reach	approx. 4-9m	approx. 4-9m	approx. 4-9m
Nozzle #	N-KZV-20	N-KZV-20	N-KZV-20
Coverage	approx. 15-110cm	approx. 15-110cm	approx. 15-110cm
Spray Angle(1.5MPa)	approx. 15-70°	approx. 15-70°	approx. 15-70°
Length/Weight	26cm, 320g	22cm, 430g	21cm, 230g
Adapter	G1/4	G1/4	G1/4

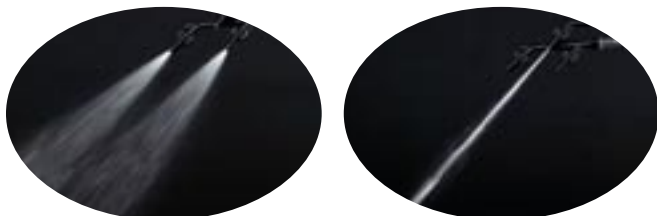
* Coverage as of 1m from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 12 47	LIGHT ZOOM Boom Sprayer LD-1 DX(G 1/4)	20	For fruit and vegetable crops
2	14 12 48	LIGHT ZOOM Boom Sprayer LD-2 DX(G 1/4)	20	For fruit and vegetable crops
3	14 12 42	LIGHT ZOOM Boom Sprayer LD-3 (G 1/4)	20	For fruit and vegetable crops

KIRINASHI (Ultra Low-Drift) Boom Sprayer with Switchable Nozzles, P-700/P-900/P-1200

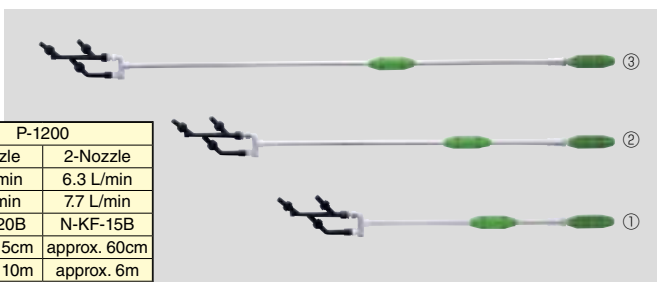
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Average Drop Size (μm)	600-860(1.0MPa)
Pressure Range (MPa)	0.5-1.5
Maximum Spray Reach	approx. 6-10m



Switching between two different types of nozzles can be done just by turning the grip

Features Features two types of spray patterns: a single nozzle for a very narrow, pinpointed spray pattern which is ideal for spraying at distant targets; and two 20°nozzles, ideal for spraying at near and mid-distance targets. Both spray patterns feature minimal drift. Switching between the two can be done simply by turning the knob at the grip. Perfect for applying chemicals onto roadside trees, orchard trees (e.g. oranges, apples), and other trees.



Item	P-700		P-900		P-1200	
	1-Nozzle	2-Nozzle	1-Nozzle	2-Nozzle	1-Nozzle	2-Nozzle
Flow Rate (1.0 MPa)	5.7 L/min	6.3 L/min	5.7 L/min	6.3 L/min	5.7 L/min	6.3 L/min
Flow Rate (1.5 MPa)	7.0 L/min	7.7 L/min	7.0 L/min	7.7 L/min	7.0 L/min	7.7 L/min
Nozzle #	N-KE-20B	N-KF-15B	N-KE-20B	N-KF-15B	N-KE-20B	N-KF-15B
Coverage	approx. 5cm	approx. 60cm	approx. 5cm	approx. 60cm	approx. 5cm	approx. 60cm
Maximum Spray Reach	approx. 10m	approx. 6m	approx. 10m	approx. 6m	approx. 10m	approx. 6m
Length/Weight	81cm, 540g		106cm, 630g		137cm, 740g	
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 1m from nozzle head

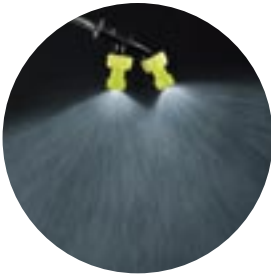


No.	Code No.	Item	Min. Unit	Use
1	14 12 26	KIRINASHI (Ultra Low-Drift) Boom Sprayer with Switchable Nozzles P-700(G1/4)	10	For orchards (Item made on demand)
2	14 12 27	KIRINASHI (Ultra Low-Drift) Boom Sprayer with Switchable Nozzles P-900(G1/4)	10	For orchards (Item made on demand)
3	14 12 28	KIRINASHI (Ultra Low-Drift) Boom Sprayer with Switchable Nozzles P-1200(G1/4)	10	For orchards (Item made on demand)

KIRINASHI (Ultra Low-Drift) ES-SD Boom Sprayer, 2-Nozzle

<Drift-reducing>

Average Drop Size (μm)	290(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m



Features Produces a 100° flat fan-shaped, air-assisted fine spray with excellent drift control. Perfect for application onto pinpointed targets. May be used in knapsack spraying operations.

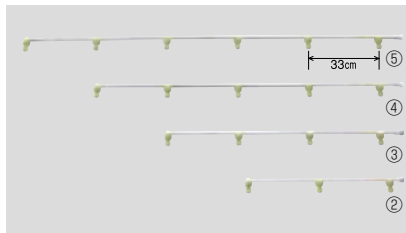
Item	ES-SD 2-Nozzle
Flow Rate (1.0MPa)	2.3 L/min
Flow Rate (1.5MPa)	2.8 L/min
Nozzle #	N-ES-9
Coverage	approx. 100cm
Maximum Spray Reach	approx. 3m
Length/Weight	9cm, 30g
Adapter	G1/4

* Coverage as of 30 cm from nozzle head

KIRINASHI (Ultra Low-Drift) ES-SUZURAN Boom Sprayer, 3 to 6 Nozzles

<Drift-reducing>

Average Drop Size (μm)	280(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m



Features Produces a 100° flat fan-shaped, air-assisted fine spray with excellent drift control. Ideal for application onto vegetable crops.

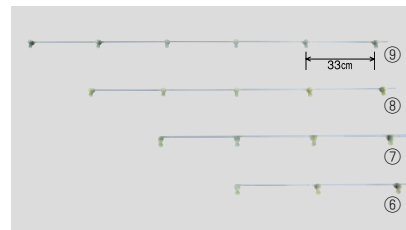
Item	ES 3 Nozzles	ES 4 Nozzles	ES 5 Nozzles	ES 6 Nozzles
Flow Rate (1.0MPa)	4.2 L/min	5.6 L/min	7.1 L/min	8.5 L/min
Flow Rate (1.5MPa)	5.5 L/min	6.9 L/min	8.7 L/min	10.4 L/min
Nozzle #	N-ES-10	N-ES-10	N-ES-10	N-ES-10
Coverage	approx. 126cm	approx. 159cm	approx. 192cm	approx. 225cm
Maximum Spray Reach	approx. 3m	approx. 3m	approx. 3m	approx. 3m
Length/Weight	72cm, 180g	108cm, 310g	141cm, 390g	174cm, 470g
Adapter	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

KIRINASHI (Ultra Low-Drift) W-SUZURAN Boom Sprayer, 3 to 6 Nozzles

<Drift-reducing>

Average Drop Size (μm)	470(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m



Features Each Y-shaped nozzle produces two 100° flat fan-shaped spray patterns into opposite directions. This doubles the effect per workload, thereby making the spraying operation even more efficient and effective.

Item	W 3 Nozzles	W 4 Nozzles	W 5 Nozzles	W 6 Nozzles
Flow Rate (1.0MPa)	4.2 L/min	5.6 L/min	7.1 L/min	8.5 L/min
Flow Rate (1.5MPa)	5.5 L/min	6.9 L/min	8.7 L/min	10.4 L/min
Nozzle #	N-KAY45-10	N-KAY45-10	N-KAY45-10	N-KAY45-10
Coverage	approx. 136cm	approx. 169cm	approx. 202cm	approx. 235cm
Maximum Spray Reach	approx. 3m	approx. 3m	approx. 3m	approx. 3m
Length/Weight	72cm, 200g	108cm, 340g	141cm, 430g	174cm, 510g
Adapter	G1/4	G1/4	G1/4	G1/4

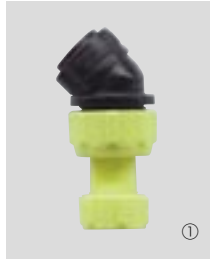
* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 34 11	KIRINASHI (Ultra Low-Drift) ES-SD Boom Sprayer, 2-Nozzle (G1/4)	100	For vegetable crops (Item made on demand)
2	14 33 11	KIRINASHI (Ultra Low-Drift) ES-SUZURAN Boom Sprayer, 3-Nozzle (G1/4)	10	For vegetable crops (Item made on demand)
3	14 33 12	KIRINASHI (Ultra Low-Drift) ES-SUZURAN Boom Sprayer, 4-Nozzle (G1/4)	10	For vegetable crops (Item made on demand)
4	14 33 13	KIRINASHI (Ultra Low-Drift) ES-SUZURAN Boom Sprayer, 5-Nozzle (G1/4)	10	For vegetable crops (Item made on demand)
5	14 33 14	KIRINASHI (Ultra Low-Drift) ES-SUZURAN Boom Sprayer, 6-Nozzle (G1/4)	10	For vegetable crops (Item made on demand)
6	14 33 21	KIRINASHI (Ultra Low-Drift) W-SUZURAN Boom Sprayer, 3-Nozzle (G1/4)	5	For vegetable crops (Item made on demand)
7	14 33 22	KIRINASHI (Ultra Low-Drift) W-SUZURAN Boom Sprayer, 4-Nozzle (G1/4)	5	For vegetable crops (Item made on demand)
8	14 33 23	KIRINASHI (Ultra Low-Drift) W-SUZURAN Boom Sprayer, 5-Nozzle (G1/4)	5	For vegetable crops (Item made on demand)
9	14 33 24	KIRINASHI (Ultra Low-Drift) W-SUZURAN Boom Sprayer, 6-Nozzle (G1/4)	5	For vegetable crops (Item made on demand)

KIRINASHI (Ultra Low-Drift) ES-P Boom Sprayer, 1-Nozzle

<Drift-reducing>

Average Drop Size (μm)	290(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m



Features

Produces a 100° flat fan-shaped, air-assisted fine spray with excellent drift control. Perfect for application onto pinpointed targets.



Item	KIRINASHI (Ultra Low-Drift) ES-P 1-Nozzle
Flow Rate (1.0MPa)	1.1 L/min
Flow Rate (1.5MPa)	1.4 L/min
Nozzle #	N-ES-9
Coverage	approx. 75cm
Maximum Spray Reach	approx. 3m
Length/Weight	5.8cm, 17g
Adapter	G1/4

* Coverage as of 30 cm from nozzle head

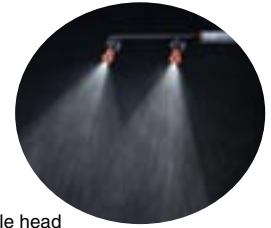
KIRINASHI (Ultra Low-Drift) KS-P Boom Sprayer, 2-Nozzle

<Drift-reducing>

Average Drop Size (μm)	450(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Item	KIRINASHI (Ultra Low-Drift) ES-P 2-Nozzle
Flow Rate (1.0MPa)	3.4 L/min
Flow Rate (1.5MPa)	4.1 L/min
Nozzle #	N-KS-11
Coverage	approx. 50cm
Maximum Spray Reach	approx. 4m
Length/Weight	18cm, 49g
Adapter	G1/4



* Coverage as of 30 cm from nozzle head

Multiple-Boom Stainless Sprayer for Rice Fields 11SG/14SG/21SG (Patented)

<Drift-reducing>

Features

This product embodies different nozzles mounted on two booms --- all nozzles except the ones positioned at the far end of the booms produce air-assisted sprays. The nozzles are finely tuned so that herbicides can be applied evenly onto a wide rice paddy. Switching between application onto near and far areas can be done simply by the use of a lever, which saves a lot of time and labor.

Items	#-11SG		#-14SG		#-21SG	
	Short range spray	Long range spray	Short range spray	Long range spray	Short range spray	Long range spray
Average Drop Size (μm)	570-1190(1.0MPa)	1430(0.5MPa)	570-1230(1.0MPa)	1390(0.5MPa)	350-1160(1.0MPa)	1300(0.5MPa)
Pressure Range (MPa)	0.5-1.0		0.5-1.0		0.5-1.0	
Maximum Spray Reach	approx. 10-15m		approx. 10-15m		approx. 13-17m	



Spraying onto a distant target

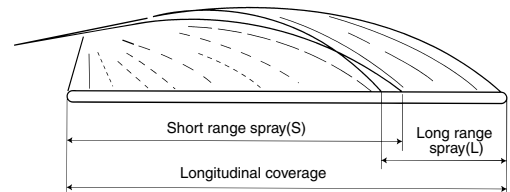


Spraying onto a close/mid-distance target



Positioning of nozzles

Item	#-11SG	#-14SG	#-21SG
S:Short/Middle range	Head Pressure	0.8MPa	0.8MPa
	Flow Rate	10.4 L/min	13.7 L/min
	Reach range	approx. 10m	approx. 12m
L:Long range	Head Pressure	0.6MPa	0.6MPa
	Flow Rate	11.3 L/min	14.2 L/min
	Reach range	approx. 14m	approx. 15m
Hoses diameter	φ 8.5	φ 10	φ 11.5
Length/Weight	122cm, 1280g	124cm, 1370g	124cm, 1370g
Adapter	G1/4	G3/8	G3/8



Note: The above table is subject to the following conditions:
 1. Hose length: 100m
 2. Spray Pressure at motor: approx. 2.0MPa
 3. No wind; static spraying
 4. The nozzles are positioned 10° to 20° upwards

Spray Method

The spraying operator should first walk up the furrow (pathway by and between rice fields), holding the product horizontally with the nozzles for close/mid-distance targets facing 10° to 20° upwards; then walk down the same furrow in twice the speed, again holding the product horizontally but this time with the nozzles for far-distance targets facing 10° to 20° upwards.

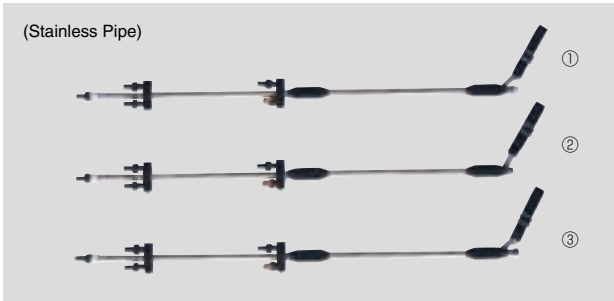
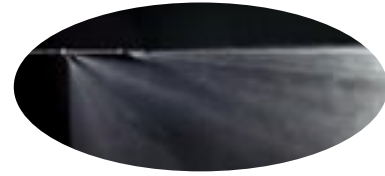
No.	Code No.	Item	Min. Unit	Use
1	14 11 24	KIRINASHI (Ultra Low-Drift) ES-P Boom Sprayer, 1-Nozzle(G1/4)	100	For vegetable crops (Item made on demand)
2	14 27 12	KIRINASHI (Ultra Low-Drift) ES-P Boom Sprayer, 2-Nozzle(G1/4)	50	For fruits, vines, and field crops (Item made on demand)
3	14 12 63	Multiple-Boom Stainless Sprayer for Rice Fields 11SG(G1/4)	4	For rice paddies and vegetable fields (Item made on demand)
4	14 12 64	Multiple-Boom Stainless Sprayer for Rice Fields 14SG(G3/8)	4	For rice paddies and vegetable fields (Item made on demand)
5	14 12 65	Multiple-Boom Stainless Sprayer for Rice Fields 21SG(G3/8)	4	For rice paddies and vegetable fields (Item made on demand)

KIRINASHI (Ultra Low-Drift) Stainless Boom Sprayer for rice fields (15G, 20G, 30G)

<Drift-reducing>

Features This item comprises different nozzles, all of which produce air-assisted fine sprays. The nozzles are finely tuned so that herbicides can be applied evenly onto a wide rice paddy, as well as operators are relieved from walking long distances for spraying, thereby leading to a highly efficient spraying operation.

Item	#-15G	#-20G	#-30G
Average Drop Size (µm)	560-860 (1.0MPa)	560-1160 (1.0MPa)	530-990 (1.0MPa)
Pressure Range (MPa)	1.0	1.0	1.0
Maximum Spray Reach	approx. 10-11m	approx. 10-11m	approx. 10-11m



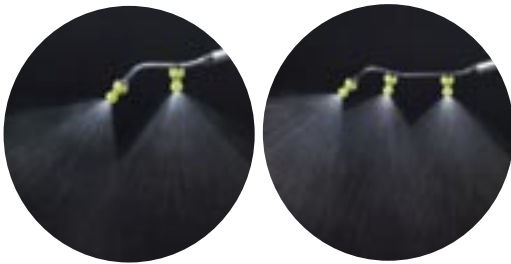
Item	#-15G	#-20G	#-30G
Flow Rate (Head)	13.4 L/min(0.8MPa)	20.3 L/min(1.0MPa)	28 L/min(1.0MPa)
Nozzle #	No.1 N-KD-20B No.2 N-KE-15F · B No.3 N-KF-14B No.4 N-KF-11B No.5 N-KS-11	No.1 N-KD-24B No.2 N-KE-20F · B No.3 N-KF-15B No.4 N-KF-11B No.5 N-KS-11	No.1 N-KD-28B No.2 N-KE-20F · B No.3 N-KF-19B No.4 N-KF-15B No.5 N-KS-15
Maximum Spray Reach	approx. 10m	approx. 11m	approx. 11m
Length/Weight	116cm, 700g	116cm, 700g	117cm, 730g
Hoses diameter	φ 8.5	φ 10	φ 13
Adapter	G1/4	G3/8	G1/2

KIRINASHI ES Boom Sprayer, Lengthwise, 2-Nozzle/3-Nozzle

<Drift-reducing>

Average Drop Size (µm)	280(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Features Produces a 100° flat fan-shaped, air-assisted fine spray with excellent drift control. The boom is uniquely shaped for optimal spraying, making the item extremely versatile.



Item	2 Nozzles	3 Nozzles
Flow Rate (1.0MPa)	2.8 L/min	4.2 L/min
Flow Rate (1.5MPa)	3.5 L/min	5.2 L/min
Nozzle #	N-ES-10	N-ES-10
Coverage	approx. 110cm	approx. 130cm
Maximum Spray Reach	approx. 3m	approx. 3m
Length/Weight	19cm, 77g	29cm, 120g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

KIRINASHI (Ultra Low-Drift) KS-P Boom Sprayer, 2-Nozzle

Features Produces a 60° flat fan-shaped, air-assisted fine spray ideal for use onto bushes and vines, such as cucumbers, tomatoes, and eggplants. Excellent drift control, fine and secure attachment onto crops.

<Drift-reducing>

Average Drop Size (µm)	450(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Item	2 Nozzles	3 Nozzles
Flow Rate (1.0MPa)	3.4 L/min	5.1 L/min
Flow Rate (1.5MPa)	4.1 L/min	6.2 L/min
Nozzle #	N-KS-11	N-KS-11
Coverage	approx. 50cm	approx. 70cm
Maximum Spray Reach	approx. 4m	approx. 4m
Length/Weight	20cm, 82g	31cm, 120g
Adapter	G1/4	G1/4

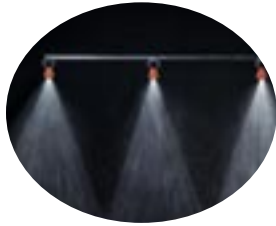
* Coverage as of 30 cm from nozzle head



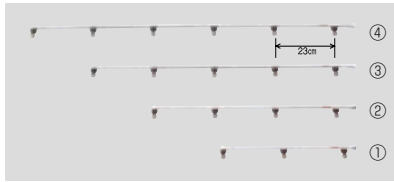
No.	Code No.	Item	Min. Unit	Use
1	14 12 60	KIRINASHI (Ultra Low-Drift) Stainless Boom Sprayer for rice fields (15G) (G1/4)	8	For rice paddies and vegetable fields (Item made on demand)
2	14 12 61	KIRINASHI (Ultra Low-Drift) Stainless Boom Sprayer for rice fields (20G) (G3/8)	8	For rice paddies and vegetable fields (Item made on demand)
3	14 12 62	KIRINASHI (Ultra Low-Drift) Stainless Boom Sprayer for rice fields (30G) (G1/2)	8	For rice paddies and vegetable fields (Item made on demand)
4	14 11 25	KIRINASHI ES Boom Sprayer, Lengthwise, 2-Nozzle (G1/4)	50	For vines and bushes (Item made on demand)
5	14 11 26	KIRINASHI ES Boom Sprayer, Lengthwise, 3-Nozzle (G1/4)	10	For vines and bushes (Item made on demand)
6	14 28 13	KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Bushes, 2-Nozzle (G1/4)	10	For orchards, vines and bushes (Item made on demand)
7	14 28 14	KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Bushes, 3-Nozzle (G1/4)	10	For orchards, vines and bushes (Item made on demand)

KIRINASHI (Ultra Low-Drift) KS Boom Sprayer for Tea and Vegetables

<Drift-reducing>



Average Drop Size (μm)	450(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Features Produces a 60° flat fan-shaped, air-assisted fine spray ideal for use in vegetable fields. Excellent drift control, fine and secure attachment onto crops.

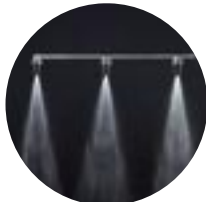
Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles
Flow Rate (1.0MPa)	5.1 L/min	6.8 L/min	8.5 L/min	10.1 L/min
Flow Rate (1.5MPa)	6.2 L/min	8.3 L/min	10.4 L/min	12.4 L/min
Nozzle #	N-KS-11	N-KS-11	N-KS-11	N-KS-11
Coverage	approx. 76cm	approx. 99cm	approx. 122cm	approx. 145cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m	approx. 4m
Length/Weight	52cm, 150g	78cm, 250g	101cm, 310g	124cm, 370g
Adapter	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

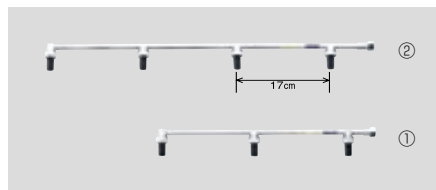
No.	Code No.	Item	Min. Unit	Use
1	14 30 21	KIRINASHI Boom Sprayer for Tea/Vegetable Fields, 3-Nozzle (G1/4)	10	For field vegetables (Item made on demand)
2	14 30 22	KIRINASHI Boom Sprayer for Tea/Vegetable Fields, 4-Nozzle (G1/4)	10	For field vegetables (Item made on demand)
3	14 30 23	KIRINASHI Boom Sprayer for Tea/Vegetable Fields, 5-Nozzle (G1/4)	10	For field vegetables (Item made on demand)
4	14 30 24	KIRINASHI Boom Sprayer for Tea/Vegetable Fields, 6-Nozzle(G1/4)	10	For field vegetables (Item made on demand)

KIRINASHI (Ultra Low-Drift) Powerful Boom Sprayer for Tea Fields, 3 to 6 Nozzles

<Drift-reducing>



Average Drop Size (μm)	600(1.5MPa)
Pressure Range (MPa)	0.5-1.5
Maximum Spray Reach	approx. 6m



Features Produces a 20° air-assisted fine spray with minimal drift. This product also features intense spraying, leading pesticides to reach inside the bushes for an excellent effect.

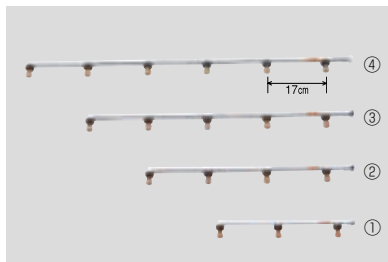
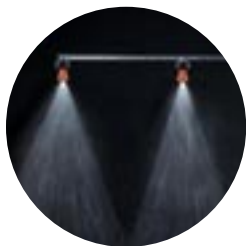
Item	3 Nozzles	4 Nozzles
Flow Rate (1.0MPa)	9.4 L/min	12.6 L/min
Flow Rate (1.5MPa)	11.5 L/min	15.4 L/min
Nozzle #	N-KF-15	N-KF-15
Coverage	approx. 51cm	approx. 68cm
Maximum Spray Reach	approx. 6m	approx. 6m
Length/Weight	40cm, 140g	60cm, 230g
Adapter	G1/4	G1/4

* Coverage as of 50 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 18 21	KIRINASHI Powerful Boom Sprayer for Tea Fields, 3-Nozzle (G1/4)	10	For tea fields (Item made on demand)
2	14 18 22	KIRINASHI Powerful Boom Sprayer for Tea Fields, 4-Nozzle (G1/4)	10	For tea fields (Item made on demand)
	14 18 23	KIRINASHI Powerful Boom Sprayer for Tea Fields, 5-Nozzle (G1/4)	10	For tea fields (Item made on demand)
	14 18 24	KIRINASHI Powerful Boom Sprayer for Tea Fields, 6-Nozzle(G1/4)	10	For tea fields (Item made on demand)

KIRINASHI (Ultra Low-Drift) Boom Sprayer for Tea (Dense Spray), 3 to 6 Nozzles

<Drift-reducing>



Average Drop Size (μm)	450(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Features Produces a 60° flat fan-shaped, air-assisted fine spray ideal for use in vegetable fields. Excellent drift control, fine and secure attachment onto crops.

Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles
Flow Rate (1.0MPa)	5.1 L/min	6.8 L/min	8.5 L/min	10.1 L/min
Flow Rate (1.5MPa)	6.2 L/min	8.3 L/min	10.4 L/min	12.4 L/min
Nozzle #	N-KS-11	N-KS-11	N-KS-11	N-KS-11
Coverage	approx. 64cm	approx. 81cm	approx. 98cm	approx. 115cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m	approx. 4m
Length/Weight	40cm, 130g	60cm, 210g	77cm, 270g	94cm, 320g
Adapter	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	14 32 21	KIRINASHI (Ultra Low-Drift) Boom Sprayer for Tea (Dense Spray), 3-Nozzle(G1/4)	10	For tea fields (Item made on demand)
2	14 32 22	KIRINASHI (Ultra Low-Drift) Boom Sprayer for Tea (Dense Spray), 4-Nozzle(G1/4)	10	For tea fields (Item made on demand)
3	14 32 23	KIRINASHI (Ultra Low-Drift) Boom Sprayer for Tea (Dense Spray), 5-Nozzle(G1/4)	10	For tea fields (Item made on demand)
4	14 32 24	KIRINASHI (Ultra Low-Drift) Boom Sprayer for Tea (Dense Spray), 6-Nozzle(G1/4)	10	For tea fields (Item made on demand)