

- ① Spray Nozzle for Flowers and Vegetables, P-2 Nozzles
- ② New Sector Spray Nozzle for Pear Trees, 3 Nozzles
- ③ New Sector Spray Nozzle, 2 Nozzles (Lengthwise)
- ④ ACE NOZZLE Multi-Purpose Compact Nozzle, 2 Nozzles
- ⑤ SUZURAN New Sector Spray Nozzle, 5 Nozzles

New Sector Spray Nozzle

flat fan spraying pattern, enabling a very uniform distribution.

Features This Nozzle produces a flat fan, which enables a very uniform distribution of mist. Ideal for use in both orchards and vegetable fields.

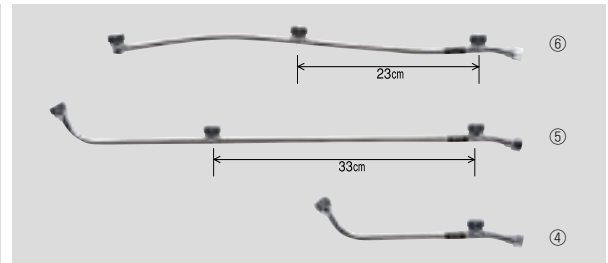


Nozzle #	NN-B-7S	NN-D-8S	NN-D-6S
Average Drop Size (µm)	40 (1.5MPa)	60 (1.5MPa)	55 (1.5MPa)
Pressure Range (MPa)	1.0-1.5	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 5m	approx. 3m	approx. 3m

Item	1 Nozzle	2 Nozzles (Horizontal)	1 Nozzle (Straight)	1 Nozzle (Straight, w/D-6S)	1 Nozzle (Straight)	1 Nozzle (Straight, w/D-6S)
Flow Rate (1.5MPa)	3.7 L/min	7.3 L/min	1.5 L/min	1.0 L/min	1.5 L/min	1.0 L/min
Nozzle #	NN-B-7S	NN-B-7S	NN-D-8S	NN-D-6S	NN-D-8S	NN-D-6S
Coverage	approx. 40cm	approx. 40cm	approx. 40cm	approx. 40cm	approx. 40cm	approx. 40cm
Maximum Spray Reach	approx. 5m	approx. 5m	approx. 3m	approx. 3m	approx. 3m	approx. 3m
Length/Weight	42.9m, 29g	5.2cm, 79g	2.2cm, 30g	2.2cm, 30g	2.2cm, 30g	2.2cm, 30g
Adapter	G1/4	G1/4	G1/4	G1/4	SW13.8	SW13.8

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 11 28	New Sector Spray Nozzle, 1 Nozzle (G1/4)	20	For fruit and vegetable crops
2	12 11 29	New Sector Spray Nozzle, 2 Nozzles (Horizontal) (G1/4)	20	For fruit and vegetable crops
3	12 11 27	New Sector Spray Nozzle, 1 Nozzle (Straight) (G1/4)	20	For fruit and vegetable crops
	12 12 31	New Sector Spray Nozzle, 1 Nozzle (Straight, with D-6S) (G1/4)	20	For fruit and vegetable crops (Item made on demand)
4	12 11 11	New Sector Spray Nozzle, 1 Nozzle (Straight) (SW13.8)	20	For fruit and vegetable crops (Item made on demand)
	12 12 17	New Sector Spray Nozzle, 1 Nozzle (Straight, with D-6S) (SW13.8)	20	For fruit and vegetable crops (Item made on demand)



Nozzle #	NN-B-7S	NN-C-6	NN-Y-8
Average Drop Size (µm)	40 (1.5MPa)	55 (1.5MPa)	65 (1.5MPa)
Pressure Range (MPa)	1.0-1.5	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 5m	approx. 4m	approx. 5m

Item	2 Nozzles (Lengthwise)	2 Nozzles (Lengthwise, with C-6S)	3 Nozzles (Lengthwise)	3 Nozzles (Lengthwise, with C-6S)	bow-shaped, 3 Nozzles	for Pear Trees, 2 Nozzles	for Pear Trees, 3 Nozzles	for Grapevines, 3 Nozzles
Flow Rate (1.5MPa)	7.3 L/min	4.4 L/min	11.0 L/min	6.5 L/min	8.7 L/min	7.3 L/min	11.0 L/min	6.5 L/min
Nozzle #	NN-B-7S	NN-C-6S	NN-B-7S	NN-C-6S	NN-Y-8S	NN-B-7S	NN-B-7S	NN-C-6S
Coverage	approx. 80cm	approx. 80cm	approx. 100cm	approx. 100cm	approx. 70cm	approx. 90cm	approx. 120cm	approx. 90cm
Maximum Spray Reach	approx. 5m	approx. 4m	approx. 5m	approx. 4m	approx. 5m	approx. 5m	approx. 5m	approx. 4m
Length/Weight	17cm, 79g	17cm, 79g	27cm, 110g	27cm, 110g	21cm, 100g	26cm, 91g	59cm, 160g	52cm, 150g
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 12 25	New Sector Spray Nozzle, 2 Nozzles (Lengthwise) (G1/4)	50	For fruit and vegetable crops
	12 12 27	New Sector Spray Nozzle, 2 Nozzles (with C-6S) (G1/4)	50	For fruit and vegetable crops
2	12 12 26	New Sector Spray Nozzle, 3 Nozzles (Lengthwise) (G1/4)	10	For fruit and vegetable crops
	12 12 28	New Sector Spray Nozzle, 3 Nozzles (with C-6S) (G1/4)	10	For fruit and vegetable crops
3	12 12 29	New Sector Spray Nozzle, bow-shaped, 3 Nozzles (G1/4)	10	For fruit and vegetable crops (Item made on demand)
4	12 13 22	New Sector Spray Nozzle for Pear Trees, 2 Nozzles (G1/4)	10	For vines (Item made on demand)
5	12 13 23	New Sector Spray Nozzle for Pear Trees, 3 Nozzles (G1/4)	10	For vines (Item made on demand)
6	12 13 24	New Sector Spray Nozzle for Grapevines, 3 Nozzles (G1/4)	10	For vines (Item made on demand)

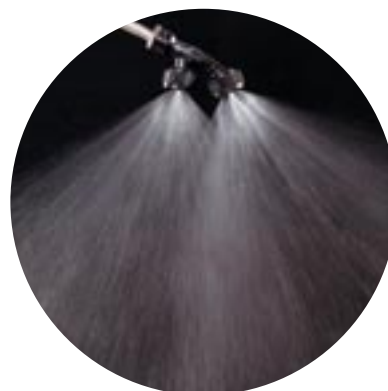
New Sector Spray Nozzle for Vegetables, 1-2 Nozzles

<For use on Manual Sprayers only>

<Drift-reducing>

Features This nozzle produces a 120° flat fan at a low (manual) pressure. Very uniform distribution, with minimal drift.

Average Drop Size (µm)	250(1.5MPa)
Pressure Range (MPa)	0.1-0.3
Maximum Spray Reach	approx. 2m



exclusively for Manual Sprayers

Item	1 Nozzle	2 Nozzles
Flow Rate (0.1MPa)	0.7 L/min	1.4 L/min
Nozzle #	NN-SL-10S	NN-SL-10S
Coverage	approx. 50cm	approx. 80cm
Maximum Spray Reach	approx. 2m	approx. 2m
Length/Weight	3.7cm, 13g	8cm, 22g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 28 11	New Sector Spray Nozzle for Manual Sprayers, 1 Nozzle (G1/4)	100	For vines and bushes
2	12 28 12	New Sector Spray Nozzle for Manual Sprayers, 2 Nozzles (G1/4)	100	For vines and bushes

New Sector Spray Nozzle (Plastic)

Lightweight and easy-to-spray.



Nozzle #	NN-B-7S	NN-D-6S	NN-D-8S
Average Drop Size (µm)	40 (1.5MPa)	55 (1.5MPa)	60 (1.5MPa)
Pressure Range (MPa)	1.0-1.5	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 5m	approx. 3m	approx. 3m

Item	P-1 Nozzle	P-2 Nozzles (Lengthwise)	ACE NOZZLE, 2 Nozzles	P-1 Nozzle (Straight)	P-1 Nozzle (Straight)
Flow Rate (1.5MPa)	3.7 L/min	2.0 L/min	3.0 L/min	1.5 L/min	1.5 L/min
Nozzle #	NN-B-7S	NN-D-6S	NN-D-8S	NN-D-8S	NN-D-8S
Coverage	approx. 40cm	approx. 60cm	approx. 60cm	approx. 40cm	approx. 40cm
Maximum Spray Reach	approx. 5m	approx. 3m	approx. 3m	approx. 3m	approx. 3m
Length/Weight	2.5cm, 9g	17cm, 41g	7.6cm, 23g	2.5cm, 9g	2.5cm, 9g
Adapter	G1/4	G1/4	G1/4	G1/4	SW13.8

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 34 13	New Sector Spray Nozzle, P-1 Nozzle (G1/4)	100	For fruit and vegetable crops (Item made on demand)
2	12 34 14	New Sector Spray Nozzle, P-2 Nozzles (Lengthwise) (G1/4)	50	For fruit and vegetable crops (Item made on demand)
3	12 29 13	ACE NOZZLE Multi-Purpose Compact Nozzle, 2 Nozzles (G1/4)	100	For vines and bushes
4	12 11 33	New Sector Spray Nozzle, P-1 Nozzle (Straight) (G1/4)	20	For fruit and vegetable crops
5	12 11 34	New Sector Spray Nozzle, P-1 Nozzle (Straight) (SW13.8)	20	For fruit and vegetable crops (Item made on demand)

Wide Bilateral New Sector Spray Nozzle

Features: Produces a very wide, narrow spraying patter to both sides.

Ideal for various crops from vines, bushes and tobacco trees.



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

Item	2-Nozzle	4-Nozzle	6-Nozzle
Flow Rate (1.5MPa)	2.0 L/min	4.0 L/min	6.1 L/min
Nozzle #	NN-TD-6	NN-TD-6	NN-TD-6
Coverage	approx. 40cm	approx. 73cm	approx. 106cm
Maximum Spray Reach	approx. 3 m	approx. 3 m	approx. 3 m
Length/Weight	20cm, 84g	35cm, 140g	68cm, 220g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 23 22	Wide Bilateral New Sector Spray Nozzle, 2 Nozzles (G1/4)	10	For vines, bushes and tobacco trees (Item made on demand)
2	12 23 23	Wide Bilateral New Sector Spray Nozzle, 4 Nozzles (G1/4)	10	For vines, bushes and tobacco trees (Item made on demand)
3	12 23 24	Wide Bilateral New Sector Spray Nozzle, 6 Nozzles (G1/4)	10	For vines, bushes and tobacco trees (Item made on demand)

Spray Nozzle for Flowers and Vegetables

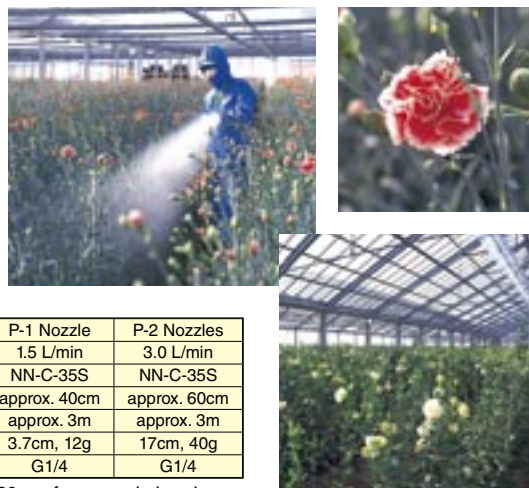
Features Produces a very soft, finely atomized mist. Fine and broad attachment onto target.

Average Drop Size (µm)	50(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Item	P-1 Nozzle	P-2 Nozzles
Flow Rate (1.5MPa)	1.5 L/min	3.0 L/min
Nozzle #	NN-C-35S	NN-C-35S
Coverage	approx. 40cm	approx. 60cm
Maximum Spray Reach	approx. 3m	approx. 3m
Length/Weight	3.7cm, 12g	17cm, 40g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head



No.	Code No.	Item	Min. Unit	Use
1	12 13 25	Spray Nozzle for Flowers and Vegetables, P-1 Nozzle (G1/4)	100	For flowers and vegetabes
2	12 13 26	Spray Nozzle for Flowers and Vegetables, P-2 Nozzles (G1/4)	50	For flowers and vegetabes

Bilateral Sprayer

Ideal for use on flowers and vegetables ... makes spraying operation much more efficient!

Features This sprayer has two sets of nozzles facing opposite sides. Switching between unilateral and bilateral spraying can be done very easily.



Nozzle #	NN-Y-6S	NN-C-35S
Average Drop Size (µm)	60(1.5MPa)	50(1.5MPa)
Pressure Range (MPa)	1.0-1.5	1.0-1.5
Maximum Spray Reach	approx. 5m	approx. 4m

Item	Bilateral Sprayer	Bilateral Sprayer Type 2
Flow Rate (1.5MPa)	8.4 L/min	8.9 L/min
Nozzle #	NN-Y-6S	NN-C-35S
Coverage	approx. 50cm	approx. 75cm
Maximum Spray Reach	approx. 5 m	approx. 4m
Length/Weight	106cm, 650g	131cm, 790g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

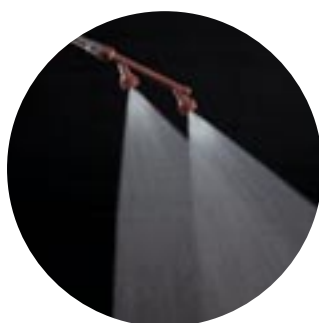


No.	Code No.	Item	Min. Unit	Use
1	12 35 15	Bilateral Sprayer (G1/4)	10	For vines, bushes and flowers
2	12 35 17	Bilateral Sprayer Type 2 (G1/4)	10	For vines, bushes and flowers (Item made on demand)

KIRI-STAR (Low-Drift) Sprayer for Orchards, 2-3 Nozzles

<Drift-reducing>

Average Drop Size (μm)	160 (1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m



Features This nozzle produces a 55 °flat fan. Drift is minimal while high pressure enables uniform distribution and fine and secure attachment onto target. Ideal for use in orchards.



Item	2 Nozzles	3 Nozzles
Flow Rate (1.0MPa)	4.9 L/min	7.4 L/min
Flow Rate (1.5MPa)	6.0 L/min	9.0 L/min
Nozzle #	SV-30-55K	SV-30-55K
Coverage	approx. 90cm	approx. 120cm
Maximum Spray Reach	approx. 5m	approx. 5m
Length/Weight	15cm, 43g	18cm, 52g
Adapter	G1/4	G1/4

* Coverage as of 1m from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 50 11	KIRI-STAR (Low-Drift) Sprayer for Orchards, 2 Nozzles (G1/4)	50	For orchards
2	12 50 12	KIRI-STAR (Low-Drift) Sprayer for Orchards, 3 Nozzles (G1/4)	50	For orchards
3	12 50 13	KIRI-STAR (Low-Drift) Sprayer Set for Orchards, 2 Nozzles	10	For orchards (Item made on demand)
4	12 50 14	KIRI-STAR (Low-Drift) Sprayer Set for Orchards, 3 Nozzles	10	For orchards (Item made on demand)

UL (Low-Drift) Nozzle for Manual Sprayer, 1-2 Nozzles

<Drift-reducing>

Average Drop Size (μm)	170 (0.3MPa)
Pressure Range (MPa)	0.2-0.5
Maximum Spray Reach	approx. 2.5m



Features This nozzle produces a 80°flat fan with low pressure. Enables both the uniform distribution and the uniform coverage.

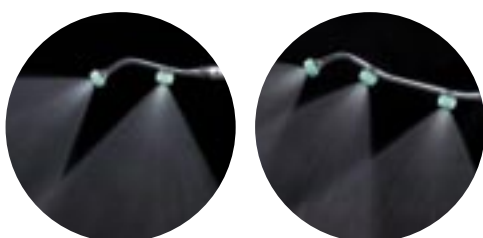
Item	1 Nozzle	2 Nozzles
Flow Rate (0.3MPa)	0.8 L/min	1.7 L/min
Nozzle #	UL-08-80C	UL-08-80C
Coverage	approx. 50cm	approx. 80cm
Maximum Spray Reach	approx. 2.5m	approx. 2.5m
Length/Weight	3.7cm, 13g	8cm, 22g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 25	UL Nozzle for Manual Sprayer, 1 Nozzle(G1/4)	100	For vegetables
2	12 51 26	UL Nozzle for Manual Sprayer, 2 Nozzles(G1/4)	100	For vegetables

UKIAGARI (Low-Drift) Boom Sprayer, 2-3 Nozzles (Lengthwise) Patented

<Drift-reducing>



Features This nozzle produces a 80°flat fan. The pole curve and nozzle alignment is precisioned for the most uniform coverage. Very fine attachment onto target; ideal for use in both orchards and vegetable fields.

Average Drop Size (μm)	130 (1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m

Item	2 Nozzles	3 Nozzles
Flow Rate (1.5MPa)	4.1 L/min	6.2 L/min
Nozzle #	SV-20-80C	SV-20-80C
Coverage	approx. 80cm	approx. 100cm
Maximum Spray Reach	approx. 5m	approx. 5m
Length/Weight	17cm, 69g	27cm, 100g
Adapter	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 20	UKIAGARI (Low-Drift) Boom Sprayer, 2 Nozzles (Lengthwise) (G1/4)	50	For vegetable and fruit crops
2	12 51 21	UKIAGARI (Low-Drift) Boom Sprayer, 3 Nozzles (Lengthwise) (G1/4)	10	For vegetable and fruit crops

UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 3-7 Nozzles (Patented)

<Drift-reducing>



Features This product produces a 80° flat fan with minimal drift. High spraying pressure enables uniform distribution and secure attachment. Also, the counterforce created by the pressure reduces the workload of the person operating.

Average Drop Size (μm)	130(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m

Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles	7 Nozzles
Flow Rate (1.5MPa)	6.2 L/min	8.2 L/min	10.3 L/min	12.3 L/min	14.4 L/min
Nozzle #	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C
Coverage	approx. 106cm	approx. 139cm	approx. 172cm	approx. 205cm	approx. 238cm
Maximum Spray Reach	approx. 5m	approx. 5m	approx. 5m	approx. 5m	approx. 5m
Length/Weight	72cm, 170g	108cm, 290g	141cm, 370g	174cm, 440g	207cm, 520g
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 30	UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 3 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)
2	12 51 31	UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 4 Nozzles (G1/4)	10	For rice paddies and vegetable fields
3	12 51 32	UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 5 Nozzles (G1/4)	10	For rice paddies and vegetable fields
4	12 51 33	UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 6 Nozzles (G1/4)	10	For rice paddies and vegetable fields
	12 51 34	UKIAGARI-SUZURAN (Low-Drift) Boom Sprayer, 7 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)

UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 3-7 Nozzles

<Drift-reducing>



Features Features minimal drift, uniform distribution and secure attachment. The counterforce created by the pressure reduces the workload of the person operating. The spacing between nozzles is as wide as 23cm, thereby making this item ideal for spraying onto close targets.

Average Drop Size (μm)	130(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m

Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles	7 Nozzles
Flow Rate (1.5MPa)	6.2 L/min	8.2 L/min	10.3 L/min	12.3 L/min	14.4 L/min
Nozzle #	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C
Coverage	approx. 86cm	approx. 109cm	approx. 132cm	approx. 155cm	approx. 178cm
Maximum Spray Reach	approx. 5m	approx. 5m	approx. 5m	approx. 5m	approx. 5m
Length/Weight	52cm, 140g	78cm, 240g	101cm, 290g	124cm, 350g	147cm, 410g
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 40	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 3 Nozzles (G1/4)	10	For tea and vegetable fields (Item made on demand)
2	12 51 41	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 4 Nozzles (G1/4)	10	For tea and vegetable fields
3	12 51 42	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 5 Nozzles (G1/4)	10	For tea and vegetable fields
4	12 51 43	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 6 Nozzles (G1/4)	10	For tea and vegetable fields
	12 51 44	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields, 7 Nozzles (G1/4)	10	For tea and vegetable fields (Item made on demand)

UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 3-7 Nozzles

<Drift-reducing>



Features This nozzle produces a 80 ° flat fan, with minimal drift. The spacing between nozzles is 17cm, thereby making this item ideal for spraying finely.

Average Drop Size (μm)	130(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m

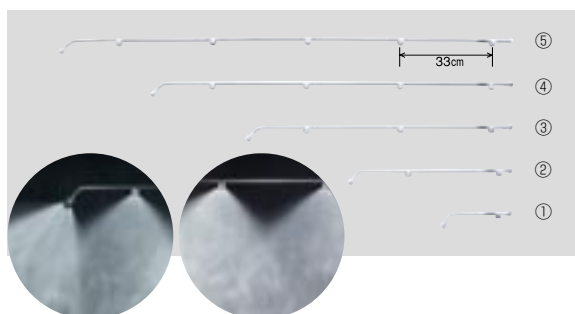
Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles	7 Nozzles
Flow Rate (1.5MPa)	6.2 L/min	8.2 L/min	10.3 L/min	12.3 L/min	14.4 L/min
Nozzle #	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C	SV-20-80C
Coverage	approx. 74cm	approx. 91cm	approx. 108cm	approx. 125cm	approx. 142cm
Maximum Spray Reach	approx. 5m	approx. 5m	approx. 5m	approx. 5m	approx. 5m
Length/Weight	40cm, 120g	60cm, 200g	77cm, 250g	94cm, 300g	111cm, 350g
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 50	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 3 Nozzles (G1/4)	10	For tea and vegetable fields (Item made on demand)
2	12 51 51	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 4 Nozzles (G1/4)	10	For tea and vegetable fields
3	12 51 52	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 5 Nozzles (G1/4)	10	For tea and vegetable fields
4	12 51 53	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 6 Nozzles (G1/4)	10	For tea and vegetable fields
	12 51 54	UKIAGARI (Low-Drift) Boom Sprayer for Tea Fields (Dense Spray), 7 Nozzles (G1/4)	10	For tea and vegetable fields (Item made on demand)

SUZURAN New Sector Spray Nozzle

Ideal for rice paddies and vegetable fields, this sprayer produces a soft mist which covers the whole target from all directions. A dense and uniform spray is created in a very flat fan spraying pattern, enabling a wide coverage in one motion. For densely grown rice crops, please use NN-Y-6 Nozzle head (not shown below).



Average Drop Size (µm)	55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m

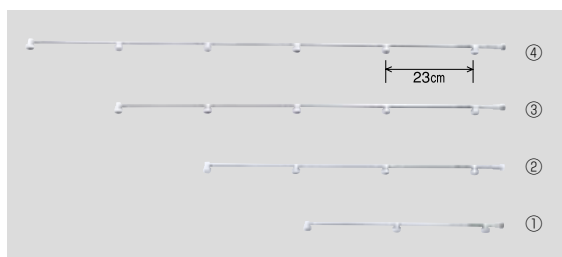
Item	2 Nozzles	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles
Flow Rate (1.5MPa)	4.4 L/min	6.5 L/min	8.7 L/min	10.9 L/min	13.1 L/min
Nozzle #	NN-C-6S	NN-C-6S	NN-C-6S	NN-C-6S	NN-C-6S
Coverage	approx. 73cm	approx. 106cm	approx. 139cm	approx. 172cm	approx. 205cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m	approx. 4m	approx. 4m
Length/Weight	27cm, 90g	59cm, 160g	95cm, 270g	128cm, 340g	161cm, 420g
Adapter	G1/4	G1/4	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 14 30	SUZURAN New Sector Spray Nozzle, 2 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)
2	12 14 31	SUZURAN New Sector Spray Nozzle, 3 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)
3	12 14 32	SUZURAN New Sector Spray Nozzle, 4 Nozzles (G1/4)	10	For rice paddies and vegetable fields
4	12 14 33	SUZURAN New Sector Spray Nozzle, 5 Nozzles (G1/4)	10	For rice paddies and vegetable fields
5	12 14 34	SUZURAN New Sector Spray Nozzle, 6 Nozzles (G1/4)	10	For rice paddies and vegetable fields
	12 14 35	SUZURAN New Sector Spray Nozzle, 7 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)
	12 14 36	SUZURAN New Sector Spray Nozzle, 8 Nozzles (G1/4)	10	For rice paddies and vegetable fields (Item made on demand)

SUZURAN Boom Spray Nozzle for Vegetables

Low-impact, flat-cone spray ideal for vegetable crops



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

Item	3 Nozzles	4 Nozzles	5 Nozzles	6 Nozzles
Flow Rate (1.5MPa)	3.0 L/min	4.0 L/min	5.1 L/min	6.1 L/min
Nozzle #	NN-D-6S	NN-D-6S	NN-D-6S	NN-D-6S
Coverage	approx. 86cm	approx. 109cm	approx. 132cm	approx. 155cm
Maximum Spray Reach	approx. 3m	approx. 3m	approx. 3m	approx. 3m
Length/Weight	52cm, 150g	78cm, 250g	101cm, 310g	124cm, 380g
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	12 40 15	SUZURAN Boom Spray Nozzle for Vegetables, 3 Nozzles (G1/4)	10	For rice paddies and vegetable fields
2	12 40 16	SUZURAN Boom Spray Nozzle for Vegetables, 4 Nozzles (G1/4)	10	For rice paddies and vegetable fields
3	12 40 17	SUZURAN Boom Spray Nozzle for Vegetables, 5 Nozzles (G1/4)	10	For rice paddies and vegetable fields
4	12 40 18	SUZURAN Boom Spray Nozzle for Vegetables, 6 Nozzles (G1/4)	10	For rice paddies and vegetable fields

Spray Nozzle for Konjac

Average Drop Size (µm)	55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m

Item	5 Nozzles	6 Nozzles	7 Nozzles
Flow Rate (1.5MPa)	10.9 L/min	13.1 L/min	15.3 L/min
Nozzle #	NN-C-6S	NN-C-6S	NN-C-6S
Coverage	approx. 172cm	approx. 205cm	approx. 238cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m
Length/Weight	141cm, 370g	174cm, 450g	207cm, 520g
Adapter	G1/4	G1/4	G1/4



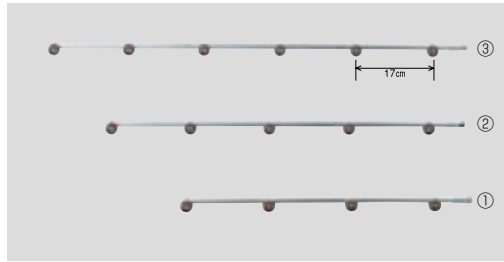
* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 33 30	Spray Nozzle for Konjac, 6 Nozzles (G1/4)	10	For vegetable crops (Item made on demand)
2	12 33 31	Spray Nozzle for Konjac, 5 Nozzles (G1/4)	10	For vegetable crops (Item made on demand)
3	12 33 32	Spray Nozzle for Konjac, 7 Nozzles (G1/4)	10	For vegetable crops (Item made on demand)

KIRI-STAR LD (Low-Drift) Boom Sprayer, 4-6 Nozzles

Features Produces a 40° flat fan. Minimal drift, very uniform distribution. Ideal for use on tea and other leaves.

<Drift-reducing>



Average Drop Size (µm)	190(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 5m

Item	4-Nozzle	5-Nozzles	6-Nozzles
Flow Rate (1.0MPa)	7.6 L/min	9.5 L/min	11.3 L/min
Flow Rate (1.5MPa)	9.3 L/min	11.6 L/min	13.9 L/min
Nozzle #	SV-23-40K	SV-23-40K	SV-23-40K
Coverage	approx. 68cm	approx. 85cm	approx. 102cm
Maximum Spray Reach	approx. 5m	approx. 5m	approx. 5m
Length/Weight	60cm, 200g	77cm, 250g	94cm, 300g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
1	12 51 14	KIRI-STAR LD (Low-Drift) Boom Sprayer, 4 Nozzles (G1/4)	10	For tea fields (Item made on demand)
2	12 51 15	KIRI-STAR LD (Low-Drift) Boom Sprayer, 5 Nozzles (G1/4)	10	For tea fields (Item made on demand)
3	12 51 16	KIRI-STAR LD (Low-Drift) Boom Sprayer, 6 Nozzles (G1/4)	10	For tea fields (Item made on demand)

New Sector Spray Nozzle for Tea Fields

Average Drop Size (µm)	55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m



Item	#-4	#-5	#-6
Flow Rate (1.5MPa)	8.7 L/min	10.9 L/min	13.1 L/min
Nozzle #	NN-C-6S	NN-C-6S	NN-C-6S
Coverage	approx. 109cm	approx. 132cm	approx. 155cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m
Length/Weight	73cm, 230g	96cm, 290g	119cm, 350g
Adapter	G1/4	G1/4	G1/4

* Coverage as of 30 cm from nozzle head

No.	Code No.	Item	Min. Unit	Use
	12 18 30	New Sector Spray Nozzle for Tea Fields, #-2 (G1/4)	10	For tea fields (Item made on demand)
	12 18 31	New Sector Spray Nozzle for Tea Fields, #-3 (G1/4)	10	For tea fields (Item made on demand)
1	12 18 32	New Sector Spray Nozzle for Tea Fields, #-4 (G1/4)	10	For tea fields
2	12 18 33	New Sector Spray Nozzle for Tea Fields, #-5 (G1/4)	10	For tea fields
3	12 18 34	New Sector Spray Nozzle for Tea Fields, #-6 (G1/4)	10	For tea fields
	12 18 35	New Sector Spray Nozzle for Tea Fields, #-7 (G1/4)	10	For tea fields (Item made on demand)
	12 18 36	New Sector Spray Nozzle for Tea Fields, #-8 (G1/4)	10	For tea fields (Item made on demand)

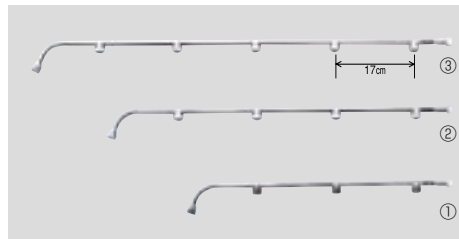
New Sector Spray Nozzle for Tea Fields (Dense Spray)

Features "Dense Spray" New Sector Spray Nozzles for Tea Fields have a spacing of 17cm whereas normal New Sector Spray Nozzle for Tea Fields have a spacing of 23cm; therefore the former allows a much denser spray.

Average Drop Size (µm)	55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 4m

Item	#-4	#-5	#-6
Flow Rate (1.5MPa)	8.7 L/min	10.9 L/min	13.1 L/min
Nozzle #	NN-C-6S	NN-C-6S	NN-C-6S
Coverage	approx. 91cm	approx. 108cm	approx. 125cm
Maximum Spray Reach	approx. 4m	approx. 4m	approx. 4m
Length/Weight	57cm, 210g	74cm, 250g	91cm, 300g
Adapter	G1/4	G1/4	G1/4

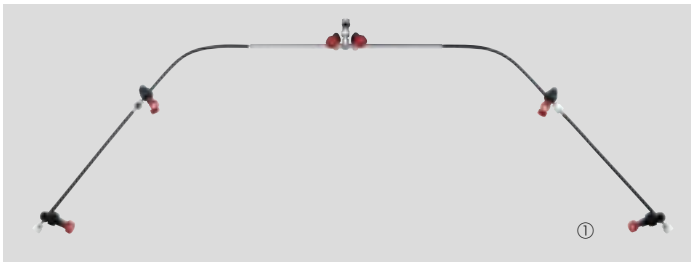
* Coverage as of 30 cm from nozzle head



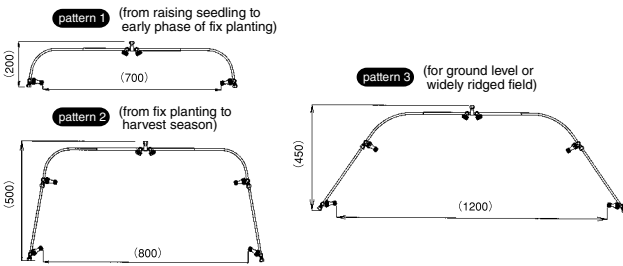
No.	Code No.	Item	Min. Unit	Use
	12 20 30	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-2 (G1/4)	10	For tea fields (Item made on demand)
	12 20 31	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-3 (G1/4)	10	For tea fields (Item made on demand)
1	12 20 32	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-4 (G1/4)	10	For tea fields
2	12 20 33	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-5 (G1/4)	10	For tea fields
3	12 20 34	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-6 (G1/4)	10	For tea fields
	12 20 35	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-7 (G1/4)	10	For tea fields (Item made on demand)
	12 20 36	New Sector Spray Nozzle for Tea Fileds (Dense Spray), #-8 (G1/4)	10	For tea fields (Item made on demand)

Saving Nozzle for Berries

Produces a soft, fine atomized mist, ideal for applying pesticides onto berries.



※ Attaching an extension boom will allow adjusting to growth of crops.



Average Drop Size (μm)	45-55(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Item	Saving Nozzle for Berries
Flow Rate (1.0MPa)	4.0 L/min
Flow Rate (1.5MPa)	4.9 L/min
Nozzle #	SMY-Tip-N-Y45-SM440 Wide Nozzle NN-D-35S
Maximum Spray Reach	approx. 3m
Length	W:80-120 cm H:45-50 cm
Weight	680 g
Adapter	G1/4

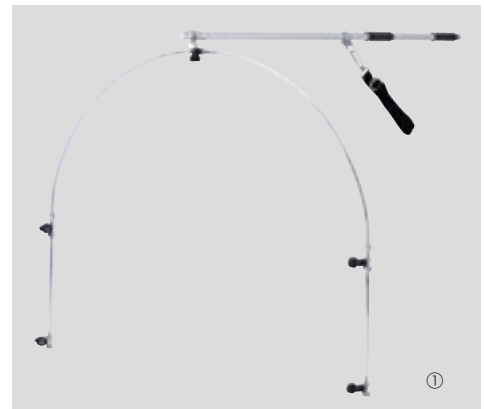
No.	Code No.	Item	Min. Unit	Use
1	12 13 32	Saving Nozzle for Berries (G1/4)	1	For berries (Item made on demand)

Arch-shaped New Sector Spray Nozzle for Green Onions

Features 5 nozzles are positioned on an arch-shaped boom enable full coverage of the target.

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

Item	Arch-shaped New Sector Spray Nozzle for Green Onions
Flow Rate (1.5MPa)	5.1 L/min
Nozzle #	NN-D-6S, NN-TD-6S
Maximum Spray Reach	approx. 3m
Length/Weight	Arch-W:80cm, Arch-H:75cm, 1340g
Adapter	G1/4



No.	Code No.	Item	Min. Unit	Use
1	12 13 30	Arch-shaped New Sector Spray Nozzle Set for Green Onions (G1/4)	1	For green onions (Item made on demand)
2	12 13 31	Arch-shaped New Sector Spray Nozzle for Green Onions (G1/4)	1	For green onions (Item made on demand)

※ Note the No.2 (Arch-shaped New Sector Spray Nozzle) does not include Aluminium Pole #4(G1/4).

New Sector Spray Nozzle for Chrysanthemum

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

Item	New Sector Spray Nozzle Set for Chrysanthemum
Flow Rate (1.5MPa)	5.6 L/min
Nozzle #	NN-D-35S
Coverage	approx. 90cm
Maximum Spray Reach	approx. 3m
Length/Weight	102cmWX90cmH, 1930g
Adapter	G1/4

Spray Nozzle clearance: 100cm
 (Adjustable to: 80cm, 90cm)



New Sector Spray Nozzle Set for Chrysanthemum Includes:

- ① New Sector Spray Nozzle for Chrysanthemum, 8 Nozzles (G1/4)
- ② Attachment (with hose) (G1/4)
- ③ Aluminum Pole #-3 (G1/4)
- ④ Best Cleaner (G1/4) 80-mesh



No.	Code No.	Item	Min. Unit	Use
1	12 25 12	New Sector Spray Nozzle Set for Chrysanthemum (G1/4)	1	For chrysanthemum (Item made on demand)

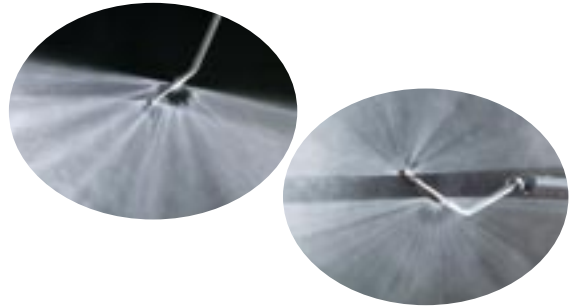
Scale Insect Killer ST

The ideal sprayer for applying pesticides against scale insects on tea leaves.

Average Drop Size (µm)	100(0.7MPa)
Pressure Range (MPa)	0.7-1.0
Maximum Spray Reach	approx. 3m

Requirements when using Scale Insect Killer ST

Item	Scale Insect Killer ST R3000	Scale Insect Killer ST
Input pressure at motor	more than 28 L/min	more than 17 L/min
Output pressure at motor	more than 3.0 Mpa	more than 2.5 Mpa
Pressure required at Nozzle	more than 0.7 Mpa	more than 0.7 Mpa
Hose Length	φ10 or less than φ11.5x100mm	less than φ8.5x100mm



Please note that this item Scale Insect Killer ST may not be shipped to some areas.

Item	Scale Insect Killer ST R3000	Scale Insect Killer ST
Flow Rate (0.7MPa)	22.6 L/min	13.6 L/min
Flow Rate (1.0MPa)	27.0 L/min	16.2 L/min
Coverage	approx. 151cm	approx. 90cm
Maximum Spray Reach	approx. 3m	approx. 3m
Length/Weight	150cm, 3650g incl.anti-drift cover	163cm, 1630g incl.anti-drift cover
Nozzle Pitch	323mm	250mm
Adapter	G3/8(φ10 or φ11.5)	G1/4(φ8.5)

No.	Code No.	Item	Min. Unit	Use
1	17 20 13	Scale Insect Killer ST R3000	1	For tea fields (Item made on demand)
2	17 20 14	Scale Insect Killer ST	1	For tea fields (Item made on demand)

Arch-shaped New Sector Spray Nozzle Set for Tea Fields, 10 Nozzles

The arch of the boom fits perfectly with the shape of a normal tea tree.



Average Drop Size (µm)	60(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Item	10-Nozzle
Flow Rate (1.5MPa)	12.4 L/min
Nozzle #	NN-D-8S
Coverage	approx. 180cm
Maximum Spray Reach	approx. 3m
Length/Weight	183cm, 2290g
Adapter	G1/4



A set includes:

- ① New Sector Spray Nozzle Set for Tea Fileds, 10 Nozzles (G1/4)
- ② Multi-Purpose Attachment (with hose 30cm) (G1/4)
- ③ Best Cleaner (G/4)
- ④ Ball Valve (G1/4)
- ⑤ YOPEZ (No-Twist) Type 4-1500 (G1/4)
- ⑥ CALPOLE (downward spraying) #6 (G1/4)

No.	Code No.	Item	Min. Unit	Use
1	12 22 13	Arch-shaped New Sector Spray Nozzle Set for Tea Fileds, 10 Nozzles (G1/4)	1	For tea fields (Item made on demand)

Insertion Nozzle for Tea Fields (with Lever-Handle Valve), 2 Nozzles

Insertion Nozzle for Tea Fields (with Lever-Handle Valve), 3 Nozzles



Ideal for applying pesticides against scale insects and mites on tea trees.

Average Drop Size (µm)	80(1.5MPa)
Pressure Range (MPa)	1.0-1.5
Maximum Spray Reach	approx. 3m

Item	2-Nozzle with Lever-Handle Valve	3-Nozzle with Lever-Handle Valve
Flow Rate (1.5MPa)	8.8 L/min	13.2 L/min
Nozzle #	N-PA-6	N-PA-6
Coverage	approx. 120cm	approx. 150cm
Maximum Spray Reach	approx. 3m	approx. 3m
Maximum Penetration	25cm	25cm
Length/Weight	155cm, 1100g	165cm, 1590g
Adapter	G1/4	G1/4



No.	Code No.	Item	Min. Unit	Use
1	17 11 16	Insertion Nozzle for Tea Fields (with Lever-Handle Valve), 2 Nozzles (G1/4)	1	For tea fields (Item made on demand)
2	17 11 17	Insertion Nozzle for Tea Fields (with Lever-Handle Valve), 3 Nozzles (G1/4)	1	For tea fields (Item made on demand)