

NETAFIM D-NET™ 3D IMPACT SPRINKLER

OUTSTANDING DISTRIBUTION UNIFORMITY

The most for the least

Growers of open-field and nursery vegetable crops know that the design of the impact sprinkler head is a critical factor in effective water coverage.

At Netafim we've completely reworked this design to guarantee that uniformity of water distribution is the highest in the market.

By incorporating D-Net™ 3D impact sprinklers into the irrigation system, growers achieve the most accurate water coverage for the lowest precipitation rates. It's the uniformity they need for greater crop yields.

THE D-NET™ RANGE FROM NETAFIM



D-NET™ 9575

20 mm impact sprinkler with 3D arm
For open field crops and pastures



D-NET™ 8550

15mm impact sprinkler with 3D arm
For vegetables and open field crops, open field nurseries, crop germination, orchard cooling and pastures



D-NET™ 6550

15mm low angle impact sprinkler with 3D arm
For under canopy irrigation, plantations, bananas, orchards

BENEFITS AND FEATURES:

Higher and better yields:

- The D-Net™ provides outstandingly high uniformity of distribution due to its unique 3-D arm. The highest uniformity in the market, respective to its flow rate and sprinkler spacing.
- The D-Net™ provides maximum water-use efficiency

Saves labour costs and multiple expenses in maintenance:

- High robustness
The D-Net™ 9575 has special design that makes the sprinkler more rugged; ensuring high performance for a long product life.
- Extended product life
The D-Net™ 9575 is made of UV-protected materials. It is durable under all climate conditions and with applying nutrients.
- Flexible installation
Can be installed on solid set or on removable field stands.
- Easy to maintain
A special nozzle key is designed to allow cleaning of the nozzle: even under pressure.



D-NET™ 9575

3D ARM IMPACT SPRINKLER



SPECIFICATIONS

- 5 different nominal flow rates: 1 200, 1 400, 1 600, 1 800, 2 000 l/h. (Nominal flow rates at 3.0 bar pressure).
- Recommended working pressure: 2.0 to 4.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone should be installed to protect the system. When sand/ silt/ clay solids exceed 100 ppm, pre-treatment is recommended: see your Netafim™ technical advisor.
- Water trajectory: 24 degrees.
- Inlet connection: 20 mm (¾") male thread.
- Colour coded nozzles for easy identification.

PERFORMANCE TABLE

RECTANGULAR SPACING

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)					
					SPACING (M X M)					
					12 x 12	12 x 15	12 x 18	15 x 15	15 x 18	18 x 18
3.57 + 2.5	Blue + yellow	2.0	980	22.0	6.8	5.4	4.5	4.4		
		2.5	1095	22.0	7.6	6.1	5.1	4.9		
		3.0	1200	23.0	8.3	6.7	5.6	5.3		
		3.5	1296	24.0	9.0	7.2	6.0	5.8	4.8	
		4.0	1385	24.0	9.6	7.7	6.4	6.2	5.1	
3.96 + 2.5	Green + yellow	2.0	1145	23.0	8.0	6.4	5.3	5.1	4.2	
		2.5	1280	24.0	8.9	7.1	5.9	5.7	4.7	
		3.0	1400	25.0	9.7	7.8	6.5	6.2	5.2	
		3.5	1515	25.0	10.5	8.4	7.0	6.7	5.6	
		4.0	1620	26.0	11.3	9.0	7.5	7.2	6.0	5.0
4.36 + 2.5	Grey + yellow	2.0	1306	23.0	9.1	7.3	6.0	5.8	4.8	
		2.5	1460	25.0	10.1	8.1	6.8	6.5	5.4	
		3.0	1600	25.0	11.1	8.9	7.4	7.1	5.9	4.9
		3.5	1727	26.0	12.0	9.6	8.0	7.7	6.4	5.3
		4.0	1846	26.0	12.8	10.3	8.5	8.2	6.8	5.7
4.76 + 2.5	Yellow + yellow	2.0	1471	22.0	10.2	8.2	6.8	6.5		
		2.5	1645	25.0	11.4	9.1	7.6	7.3	6.1	
		3.0	1800	26.0	12.5	10.0	8.3	8.0	6.7	5.6
		3.5	1946	27.0	13.5	10.8	9.0	8.6	7.2	6.0
		4.0	2081	28.0	14.5	11.6	9.6	9.2	7.7	6.4
5.10 + 2.5	Black + yellow	2.0	1632	22.0	11.3	9.1	7.6	7.3		
		2.5	1825	25.0	12.7	10.1	8.4	8.1	6.8	
		3.0	2000	27.0	13.9	11.1	9.3	8.9	7.4	6.2
		3.5	2160	28.0	15.0	12.0	10.0	9.6	8.0	6.7
		4.0	2310	29.0	16.0	12.8	10.7	10.3	8.6	7.1

TRIANGULAR SPACING

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)					
					SPACING (M X M)					
					12 x 12	12 x 15	12 x 18	15 x 15	15 x 18	18 x 18
3.57 + 2.5	Blue + yellow	2.0	980	22.0	6.8	5.4	4.5	4.4	3.6	
		2.5	1095	22.0	7.6	6.1	5.1	4.9	4.1	
		3.0	1200	23.0	8.3	6.7	5.6	5.3	4.4	
		3.5	1296	24.0	9.0	7.2	6.0	5.8	4.8	
		4.0	1385	24.0	9.6	7.7	6.4	6.2	5.1	4.3
3.96 + 2.5	Green + yellow	2.0	1145	23.0	8.0	6.4	5.3	5.1	4.2	3.5
		2.5	1280	24.0	8.9	7.1	5.9	5.7	4.7	4.0
		3.0	1400	25.0	9.7	7.8	6.5	6.2	5.2	4.3
		3.5	1515	25.0	10.5	8.4	7.0	6.7	5.6	4.7
		4.0	1620	26.0	11.3	9.0	7.5	7.2	6.0	5.0

* At least 0.5 mm/h

** Performance table prepared under laboratory conditions, sprinkler head 1.0 metre above ground

CU = > than 92%

CU = > 88% and < 92%

CU = > 86% and < 88%

CU < 86%

TRIANGULAR SPACING (continued)

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)					
					SPACING (M X M)					
					12 x 12	12 x 15	12 x 18	15 x 15	15 x 18	18 x 18
4.36 + 2.5	Grey + yellow	2.0	1306	23.0	9.1	7.3	6.0	5.8	4.8	4.0
		2.5	1460	25.0	10.1	8.1	6.8	6.5	5.4	4.5
		3.0	1600	25.0	11.1	8.9	7.4	7.1	5.9	4.9
		3.5	1727	26.0	12.0	9.6	8.0	7.7	6.4	5.3
		4.0	1846	26.0	12.8	10.3	8.5	8.2	6.8	5.7
4.76 + 2.5	Yellow + yellow	2.0	1471	22.0	10.2	8.2	6.8	6.5	5.4	
		2.5	1645	25.0	11.4	9.1	7.6	7.3	6.1	5.1
		3.0	1800	26.0	12.5	10.0	8.3	8.0	6.7	5.6
		3.5	1946	27.0	13.5	10.8	9.0	8.6	7.2	6.0
		4.0	2081	28.0	14.5	11.6	9.6	9.2	7.7	6.4
5.10 + 2.5	Black + yellow	2.0	1632	22.0	11.3	9.1	7.6	7.3	6.0	
		2.5	1825	25.0	12.7	10.1	8.4	8.1	6.8	5.6
		3.0	2000	27.0	13.9	11.1	9.3	8.9	7.4	6.2
		3.5	2160	28.0	15.0	12.0	10.0	9.6	8.0	6.7
		4.0	2310	29.0	16.0	12.8	10.7	10.3	8.6	7.1

* At least 0.5 mm/h

**Performance table prepared under laboratory conditions, sprinkler head 1.0 metre above ground

CU = > than 92%	CU = > 88% and < 92%	CU = > 86% and < 88%	CU < 86%
-----------------	----------------------	----------------------	----------

D-NET™ 9575 SPRINKLER NOZZLES

NOZZLE SIZE (MM)	CODE COLOR	CATALOG NUMBER	PRODUCT DRAW
Front nozzle 3.57	Blue	60100-002100	
Front nozzle 3.96	Green	60100-002101	
Front nozzle 4.36	Gray	60100-002102	
Front nozzle 4.76	Yellow	60100-002103	
Front nozzle 5.10	Black	60100-002104	
Rear nozzle 2.50	Yellow	60100-001310	

COMPLEMENTARY PRODUCTS

PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS
D-Net™ 95750 Nozzle Tool	1 unit 60100-003600	
	150 units/box 60100-003610	

D-NET™ 9575 CATALOG NUMBERS

NOZZLE SIZE (MM)	CODE COLOR	FLOW RATE (L/H) *	CATALOG NUMBER	SPRINKLER ILLUSTRATION
3.57 + 2.5	Blue + yellow	1200	60100-002000	
3.96 + 2.5	Green + yellow	1400	60100-002010	
4.36 + 2.5	Gray + yellow	1600	60100-002020	
4.76 + 2.5	Yellow + yellow	1800	60100-002030	
5.10 + 2.5	Black + yellow	2000	60100-002040	

*Nominal flow rate at 3.0 bar working pressure

PACKAGING DATA

MODEL	QUANTITY P/BOX UNIT	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
D-Net™ 9575	50	54 x 20 x 48	8.9	20	1000	200

D-NET™ 8550

3D ARM IMPACT SPRINKLER



SPECIFICATIONS

- 7 different nominal flow rates: 510, 580, 680, 810, 940, 1 135, 1 275 ℓ/h. (Nominal flow rates at 2.5 bar pressure).
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone should be installed to protect the system. When sand/ silt/ clay solids exceed 100 ppm, pre-treatment is recommended: see your Netafim™ technical advisor.
- Water trajectory: 24 degrees.
- Inlet connection: 15 mm (½") male thread.
- Colour coded nozzles for easy identification.

PERFORMANCE TABLE

RECTANGULAR SPACING

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)			
					SPACING (M X M)			
					10 x 12	11 x 12	12 x 12	13 x 12
2.3 + 1.8	Gray + lime green	1.5	395	18	3.5	3.2	2.9	2.1
		2.0	456	18	3.5	3.2	2.9	2.7
		2.5	510	19	4.4	4.0	3.7	3.4
		3.0	559	19	4.8	4.4	4.0	3.7
2.5 + 1.8	Purple + lime green	1.5	449	18	3.7	3.4	3.1	2.9
		2.0	519	19	4.4	4.0	3.6	3.3
		2.5	580	19	4.9	4.4	4.0	3.7
		3.0	635	20	5.4	4.9	4.5	4.2
2.9 + 1.8	Orange + lime green	1.5	527	18	4.4	4.0	3.7	3.4
		2.0	608	19	5.1	4.6	4.2	3.9
		2.5	680	20	5.7	5.1	4.7	4.3
		3.0	745	20	6.2	5.6	5.2	4.8
3.2 + 1.8	Green + lime green	1.5	627	18	5.2	4.8	4.4	4.0
		2.0	724	19	6.1	5.5	5.0	4.7
		2.5	810	21	6.8	6.1	5.6	5.2
		3.0	887	21	7.4	6.7	6.2	5.7
3.5 + 1.8	Blue + lime green	1.5	728	18	6.0	5.5	5.0	4.6
		2.0	841	19	7.0	6.4	5.8	5.4
		2.5	940	21	7.9	7.1	6.5	6.0
		3.0	1030	21	8.6	7.8	7.2	6.6

TRIANGULAR SPACING

NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)			
					SPACING (M X M)			
					9 x 14	9 x 15	10 x 14	10 x 15
3.5 + 2.5	Blue + yellow	2.0	1015	22	8.1	7.5	7.3	6.8
		2.5	1135	22	9.0	8.4	8.1	7.6
		3.0	1243	22	9.9	9.2	8.9	8.3
4.0 + 2.5	Black + Yellow	2.0	1145	22	9.1	8.5	8.2	7.6
		2.5	1275	22	10.1	9.4	9.1	8.5
		3.0	1397	22	11.1	10.3	10.0	9.3

* At least 0.5 mm/h


**Performance table prepared under laboratory conditions, sprinkler head 1.0 metre above ground

CU = > than 92% CU = > 88% and < 92% CU = > 86% and < 88% CU < 86%

D-NET™ 8550 SPRINKLER NOZZLES

NOZZLE SIZE (MM)	CODE COLOR	CATALOG NUMBER	PRODUCT DRAW
Front nozzle 2.3	Grey	60100-001140	
Front nozzle 2.5	Purple	60100-001150	
Front nozzle 2.9	Orange	60100-001160	
Front nozzle 3.2	Green	60100-001170	
Front nozzle 3.5	Blue	60100-001180	
Front nozzle 4.0	Black	60100-001181	
Rear nozzle 1.8	Lime green	60100-001300	
Rear nozzle 2.5	Yellow	60100-001310	

COMPLEMENTARY PRODUCTS

PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS
D-Net™ 8550 CLIP NOZZLE TOOL	1 UNIT 60100-001410	
	50 UNITS/BOX 60100-001420	

D-NET™ 8550 CATALOG NUMBERS

NOZZLE SIZE (MM)	CODE COLOR	FLOW RATE (L/H) *	CATALOG NUMBER	SPRINKLER ILLUSTRATION
2.3 + 1.8	Gray + lime green	510	60100-000990	
2.5 + 1.8	Purple + lime green	580	60100-001000	
2.9 + 1.8	Orange + lime green	680	60100-001010	
3.2 + 1.8	Green + lime green	810	60100-001030	
3.5 + 1.8	Blue + lime green	940	60100-001040	
3.5 + 2.5	Blue + Yellow	1135	60100-001045	
4.0 + 2.5	Black + Yellow	1275	60100-001046	

*Nominal flow rate at 2.5 bar working pressure

PACKAGING DATA

MODEL	QUANTITY P/BOX UNIT	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
D-Net™ 8550	168	54 x 36 x 33	12.0	18	3024	240

D-NET™ 6550

3D ARM IMPACT SPRINKLER



SPECIFICATIONS



- 3 different nominal flow rates: 355, 400, 510 ℓ/h. (Nominal flow rates at 2.5 bar pressure).
- Recommended working pressure: 2.0 to 3.0 bar (at the sprinkler head).
- Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone should be installed to protect the system. When sand/ silt/ clay solids exceed 100 ppm, pre-treatment is recommended: see your Netafim™ technical advisor.
- Water trajectory: 14 degrees.
- Inlet connection: 15 mm (½") male thread.
- Colour coded nozzles for easy identification.

PERFORMANCE TABLE


NOZZLE SIZE (MM)	CODE COLOR	WORKING PRESSURE (BAR)	FLOW RATE (L/H)	WETTED DIAMETER* (M)	PRECIPITATION (MM/H)					
					SPACING (M X M)					
					9 X 9	9 X 10	10 X 10	10 X 11	10 X 12	12 X 12
2.3	Gray	2.0	318	16	3.9	3.5	3.2	2.9	2.7	2.2
		2.5	355	17	4.4	3.9	3.6	3.2	3.0	2.5
		3.0	389	17	4.8	4.3	3.9	3.5	3.2	2.7
2.5	Purple	2.0	358	16	4.4	4.0	3.6	3.3	3.0	2.5
		2.5	400	18	4.9	4.4	4.0	3.6	3.3	2.8
		3.0	438	18	5.4	4.9	4.4	4.0	3.7	3.0
2.9	Orange	2.0	456	17	5.6	5.1	4.6	4.1	3.8	3.2
		2.5	510	18	6.3	5.7	5.1	4.6	4.3	3.5
		3.0	559	19	6.9	6.2	5.6	5.1	4.7	3.9

* At least 0.5 mm/h **Performance table prepared under laboratory conditions, sprinkler head 0.5 metre above ground

D-NET™ 6550 SPRINKLER NOZZLES

NOZZLE SIZE (MM)	CODE COLOR	CATALOG NUMBER	PRODUCT DRAW
2.3	Gray	60100-002450	
2.5	Purple	60100-002451	
2.9	Orange	60100-002452	

D-NET™ 6550 CATALOG NUMBERS

NOZZLE SIZE (MM)	CODE COLOR	FLOW RATE (L/H) *	CATALOG NUMBER	SPRINKLER ILLUSTRATION
2.3	Gray	355	60100-002300	
2.5	Purple	400	60100-002310	
2.9	Orange	510	60100-002320	

*Nominal flow rate at 2.5 bar working pressure

PACKAGING DATA

MODEL	QUANTITY P/BOX UNIT	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
D-Net™ 6550	168	54 x 36 x 33	12.0	18	3024	240