D-Net™ 8550

Super durable ½" impact sprinkler with unique 3D arm and 24 degrees water trajectory angle, for field crops and vegetable irrigation.





Very High Water Distribution Uniformity

Robust & Long Lasting

Reduced Labor Cost

Applications

Open field crop & vegetable irrigation

Crop germination

Roof cleaning

Benefits & Features

Very high water distribution uniformity & Higher yield

- Innovative 3D diffusion arm, ensures excellent water distribution uniformity and no under-watered spots, resulting uniform crop yields
- Special design of the D-Net™ 8550, guarantees maximum water-use efficiency

Robust product & Long lasting performances

- D-Net™ 8550 has a special design that makes the sprinkler resistant to wear and ensures high performance throughout the long product life

Reduced labor cost & Easy maintenanc

- Versatile installation. Can be installed on solid sets or on removable field stands
- Easy to maintain. A special nozzle key is designed to allow simple cleaning of the nozzles
- D-Net™ 8550 is made of UV-protected materials, making it durable under all climate conditions and with any applied

Specs. & Recommendations

- ½" impact sprinkler with unique 3D arm and 24 degrees water trajectory angle, for full coverage installation with spacing up to 12X14 meters
- **7 different flow rates:** 510, 580, 680, 810, 940, 1135, 1275 L/H
- **Nominal flow rate at:** 2.5 bar
- **Recommended pressure range:** 2.0 - 3.0 bar
- **Water Trajectory angle:** 24 Degrees
- Water distribution is achieved by combination of 2 nozzles. Front nozzle and rear nozzle
- **1 type of inlet connector:** ½" male threaded
- Color coded of the nozzles for easy identification of the flow rate
- Made of UV-protected materials, durable to all climate conditions and nutrients injected in agricultural applications
- Recommended filtration, according to Netafim's instructions*

***Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, pre-treatment shall be applied according to Netafim™ instructions

→ TECHNICAL DATA

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	GREY	+	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	+		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	+		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	+		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	+		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
							9 X 4	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			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 meter above ground

CU = OR > THAN 92%	CU = OR > 88% AND < 92%	CU = OR > 86% AND < 88%	CU < 86%

→ PACKAGING DATA

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

→ CATALOG NUMBERS

NOZZLE SIZE (MM)	CODE COLOR			FLOW RATE (L/H) *	CATALOG NUMBER
2.3 +1.8	GREY	+	LIME GREEN	510	60100-000990
2.5 +1.8	PURPLE	+		580	60100-001000
2.9 + 1.8	ORANGE	+		680	60100-001010
3.2 + 1.8	GREEN	+		810	60100-001030
3.5 + 1.8	BLUE	+		940	60100-001040
3.5 + 2.5	BLUE	+	YELLOW	1135	60100-001045
4.0 + 2.5	BLACK	+		1275	60100-001046

*Nominal flow rate at 2.5 bar working pressure

→ D-NET 8550 NOZZLES

PRODUCT ILLUSTRATION	NOZZLE SIZE (MM)	QTY. PER BOX	NOZZLE COLOR	CATALOG NUMBER PER BOX*
	FRONT NOZZLE 2.3	500	GREY	60101-000800
	FRONT NOZZLE 2.5	500	PURPLE	60101-000801
	FRONT NOZZLE 2.9	500	ORANGE	60101-000802
	FRONT NOZZLE 3.2	500	GREEN	60101-000803
	FRONT NOZZLE 3.5	500	BLUE	60101-000804
	FRONT NOZZLE 4.0	500	BLACK	60101-000805
	REAR NOZZLE 1.8	500	LIME GREEN	60101-000806
	REAR NOZZLE 2.5	500	YELLOW	60101-000807

*The catalog number is for full box of nozzles

→ COMPLEMENTARY PRODUCTS

PRODUCT ILLUSTRATION	DESCRIPTION	CATALOG NUMBER
	SOCKET ½"–½" FEMALE-FEMALE THREAD	65080-004500
	SPRINKLER ADAPTER 1" & ¾" TO ½" FEAMLE-FEAMLE THREAD	60101-000501
	D-NET™ 8550 CLIP NOZZLE TOOL	1 UNIT 60100-001410 50 UNITS/BOX 60100-001420
	ANTI-THEFT CONNECTOR 20 MM (GREY) -1000 UNITS/BOX + 20 KEYS	60101-000210
	ANTI-THEFT CONNECTOR 20 MM (GREY) - 100 UNITS/BAG	60101-000200
	ANTI-THEFT CONNECTOR ½" (WHITE) - 1000 UNITS/ BOX + 20 KEYS	60101-000110
	ANTI-THEFT CONNECTOR ½" (WHITE) - 100 UNITS/BAG	60101-000100
	ANTI-THEFT KEY (BLUE) - 20 UNITS/BAG	60101-000300

→ SPRINKLER STANDS

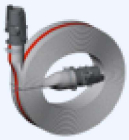
VEGETABLE STAND

PRODUCT ILLUSTRATION	DESCRIPTION	CATALOG NUMBER
	IMP SPR STAND 9*12 120CM W/O STK F&S PE	64520-004900
	IMP SPR STAND 9*12 120CM W/O STK F&S FLX	64520-004910

MegaStand™

PRODUCT ILLUSTRATION	DESCRIPTION	CATALOG NUMBER
	MEGA-RISER ½"- 0.4 M LENGTH - ½" MTH - ½" FTH	64520-002490
	MEGA-SUPPORTING ARM	64520-002485
	MEGA-BASE	64520-002480

NetaStand™

PRODUCT ILLUSTRATION	DESCRIPTION	CATALOG NUMBER
	BASE NetaStand™ FEAMLE THREAD ½"-24/CAR: BASE FOR ½" RISER **Order by box:** 1 box contain 24 units	60101-000900
	MEGA-RISER ½"- 0.4 M LENGTH - ½" MTH - ½" FTH	64520-002490
	NetaStand™ 9M FXN HPPP 2" W/ 2"CONC 120 SETS/ PALLET	60101-000964
	NetaStand™ 10M FXN HPPP 2" W/2"CONC 120 SETS/ PALLET	60101-000965
	NetaStand™ 12M FXN HPPP 2" W/2"CONC 120 SETS/ PALLET	60101-000966

For additional information on sprinklers stands and assembly instructions please review D-Net™ 8550 user manual