

# D-Net™ 8550

Super durable 1/2" impact sprinkler with unique 3D arm and 24 degrees water trajectory angle, for field crops and vegetable irrigation.



Superb  
uniformity



High  
durability



Labor  
saving

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 maintenance
  - 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 nutrients

# Specifications & 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, 1275l/h
  - Nominal Flow Rate At – 2.5bar
  - Recommended Pressure Range – 2.0 - 3.0bar
  - Water Trajectory Angle – 24 degrees
  - Water distribution is achieved by combination of 2 nozzles. Front nozzle and rear nozzle
  - 2 Types Of Inlet Connector
    - ½" male threaded
    - ¾" female 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 – 400 micron / 40 mesh.
- \*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 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, 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	+	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
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
3.5 + 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
						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 0.5mm/h

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

CU ≥ 92%	88% ≤ CU < 92%	86% ≤ CU < 88%	CU < 86%
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→ 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 ½" MTH	168	54 x 36 x 33	12.0	18	3024	240
D-Net™ 8550 ¾" FTH	126	54 x 36 x 33	9.7	18	2304	175

→ Catalog Numbers D-Net™ 8550 ½" MTH

Nozzle size (mm)	Code Color	Flow Rate (l/h) *	Catalog Number
2.3 + 1.8	Grey	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	1135	60100-001045
4.0 + 2.5	Black	1275	60100-001046

\*Nominal flow rate at 2.5bar working pressure



→ Catalog Numbers D-Net™ 8550 ¾" FTH

Nozzle size (mm)	Code Color	Flow Rate (l/h) *	Catalog Number
2.3 + 1.8	Grey	510	60100-000101
2.5 + 1.8	Purple	580	60100-000102
2.9 + 1.8	Orange	680	60100-000103

\*Nominal flow rate at 2.5bar 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

## → Sprinklers Stands & Complementary Products

Product Illustration	Description	Catalog Number
<b>Vegetable Stand</b>		
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S PE	64520-004900
	IMP SPRINKLER STAND 9*12 120CM W/O STK F&S FLX	64520-004910
<b>NetaStand™ Base</b>		
	BASE NETASTAND™ FEMALE THREAD ½"-24/CAR: BASE FOR ½" RISER Order by box: 1 box contain 24 units	60101-000900
	BASE NETASTAND™ FEMALE THREAD ¾" 24/CAR: BASE FOR ¾" RISER. Order by box: 1 box contain 24 units	60101-000901
<b>Riser</b>		
	MEGA-RISER ½"- 0.4MLENGTH - ½" MTH - ½" FTH	64520-002490
	PLASTIC RISER ¾" MALE FEMALE THREAD 40CM COMPLETE	60101-000650
<b>Adapters For NetaStand™ PE</b>		
	NETASTAND™ ADAPTOR PE 50MM	60101-000935
	NETASTAND™ ADAPTOR PE 63MM	60101-000936
<b>Pre-Cut FlexNet™ And Adaptors For NetaStand™ FlexNet™</b>		
	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
	NETASTAND™ PLUG	60101-000953

For additional information on sprinklers stands and assembly instructions please review "Sprinklers Stands" section