

# D-Net™ 8550

Super durable 1/2" impact sprinkler with unique 3D arm and 24degrees 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 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

# Specifications & Recommendations

- ✓ ½" impact sprinkler with unique 3D arm and 24degrees 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: 24degrees
- ✓ 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 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
							<b>9 x 4</b>	<b>9 x 15</b>	<b>10 x 14</b>	<b>10 x 15</b>
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 = 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 Weigh (kg)	Boxes P/Pallet	Total Units P/Pallet	Pallet Weigh (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	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

→ 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