



D-NET™ 8550

3D ARM IMPACT SPRINKLER

APPLICATIONS

For vegetables and open field crops, open field nurseries, crop germination, cooling fruit orchard.

BENEFITS AND FEATURES

Higher and better yields

- The D-Net™ 8550 provides outstanding water distribution uniformity, due to the unique 3-D arm enabling, the highest uniformity in the market, respective to its flow rate and installation spacing.
- The D-Net™ 8550 provides maximum water-use efficiency.

Saves labor costs and multiple expenses on maintenance

- High robustness
The D-Net™ 8550 has special design that makes the sprinkler more resistant and ensures high performance for a long product life.
- Extended product life
The D-Net™ 8550 is made of UV-protected materials, making it durable under all climate conditions and with any applied nutrients.
- Flexible 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 nozzle

SPECIFICATIONS

- 7 different nominal flow rates: 510, 580, 680, 810, 940, 1135, 1275 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 is to be installed to protect the system.
When sand/ silt/ clay solids exceed 100 ppm, pretreatment will be applied according to Netafim™ expert team's instructions.
- Water trajectory: 24 degrees
- Inlet connection: 1/2" male threaded.
- Color 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)			
					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

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 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 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™ 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

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	PRODUCT DESCRIPTION	CATALOG NUMBER	CONNECTOR ILLUSTRATIONS
SOCKET 1/2" FTH - 1/2" FTH	65080-004500		D-Net™ 8550 CLIP NOZZLE TOOL	1 UNIT 60100-001410	
REDUCER COUPLING 3/4" FTH - 1/2" FTH	65080-004600			50 UNITS/BOX 60100-001420	

SPRINKLER STANDS

MEGA-RISER 1/2" 0.4 M LENGTH 1/2" MTH - 1/2" FTH		MEGA-SUPPORTING ARM		MEGA-BASE	
64520-002490		64520-002485		64520-002480	
IMP SPR STAND 9*12 120CM W/OSTK F&S PE		IMP SPR STAND 9*12 120CM W/OSTK F&S FLX			
64520-004900		64520-004910			

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