

D-Net™ 8550 XU

Super durable ½" impact sprinkler with unique 3D arm and 24 degrees water trajectory angle, especially for Oil-Palm irrigation.



Superb
uniformity



Ease of
maintenance

Applications



Oil Palm
irrigation



Roof
Cleaning

/ Benefits & Features

- High water distribution uniformity for Oil Palm irrigation with single front nozzle.
 - Innovative 3D diffusion arm, ensures excellent water distribution uniformity and no under-watered spots, **resulting** in uniform crop yields.
- Robust design & long-lasting performance
 - A specially engineered hammer and optimized spring adjustment deliver an extended throw radius and uniform water distribution for wide spacing applications.
 - D-Net™ 8550 XU features a special design that makes the sprinkler resistant to wear and ensures high performance throughout its 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 XU 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, special impact hammer and 24 degrees water trajectory angle, for full coverage installation with spacing up to 14x16 meter
- **Single flow Rate** – 680 l/h
- **Nominal flow rate at** – 2.0 bar
- **Water Trajectory Angle** – 24 degrees
- **Water Distribution Pattern** – 360 degrees
- **Inlet Connector** – ½" male threaded
- Color coded of the nozzles for easy identification of the flow rate
- **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) *Rare nozzle plugged | Code Color | Working Pressure (bar) | Flow Rate (l/h) | Wetted Diameter* (m) | Precipitation rate (mm/h) | | | |
|--|------------|------------------------|-----------------|----------------------|---------------------------|---------|---------|-------------|
| | | | | | Spacing (mXm) | | | |
| | | | | | 12 X12 | 12 X 14 | 13 X 15 | 13.5 X 15.6 |
| 3.5 | Blue | 1.5 | 580 | 18 | 4.0 | 3.5 | - | - |
| 3.5 | Blue | 2.0 | 680 | 21 | 4.4 | 4.0 | 3.5 | 3.2 |
| 3.5 | Blue | 2.5 | 760 | 22 | 5.3 | 4.5 | 3.9 | 3.6 |

* 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% |
|----------|----------------|----------------|----------|

→ 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 Weigh (kg) |
|----------------|---------------------|-------------------------|-----------------|----------------|----------------------|-------------------|
| D-Net™ 8550 XU | 168 | 54 x 36 x 33 | 12 | 18 | 3024 | 240 |

→ Catalog Numbers

| Nozzle size (mm) | Code Color | Flow Rate (l/h) | Catalog Number |
|------------------|------------|-----------------|----------------|
| 3.5 + Plug | Blue | 680 | 60100-000027 |

→ D-Net 8550 XU Nozzle

| Product Illustration | Nozzle Size (mm) | Qty. Per Box | Nozzle Color | Catalog Number Per Box* |
|---|------------------|--------------|--------------|-------------------------|
|  | Front nozzle 3.5 | 500 | Blue | 60101-000804 |