



Yuval

Thin-wall driplines

Pressure-regulated

Crops sugarcane • coffee • melon • cotton • maize

Applications open field • Orchards • subsurface irrigation

YUVAL is a revolutionary, first-of-its-kind pressure-regulated dripper.

This innovative dripper creates a new market category with all the advantages of high-end PC driplines at an affordable price for any grower. Yuval lets you boost your yields, cut costs, and grow a wider range of crops – even in challenging topographies and water conditions.

Features & Benefits

- Affordable and cost-effective thin-wall pressure-regulated dripline for long laterals
- Ideal for seasonal row crops grown on hilly topographies or requiring longer lateral lengths
- The first 100% recyclable pressure regulated dripline on the market
- Cuts maintenance and labour costs compared to standard PC driplines
- Antibacterial agent incorporated into the drippers, allowing for clog-free irrigation using water with high organic content
- Unique dual-injection technology: A new era in dripper production
- 100% of drippers inspected by online AI quality assurance system
- Hydrodynamic dripper design, allowing for longer laterals and minimal pressure loss
- A world registered patent

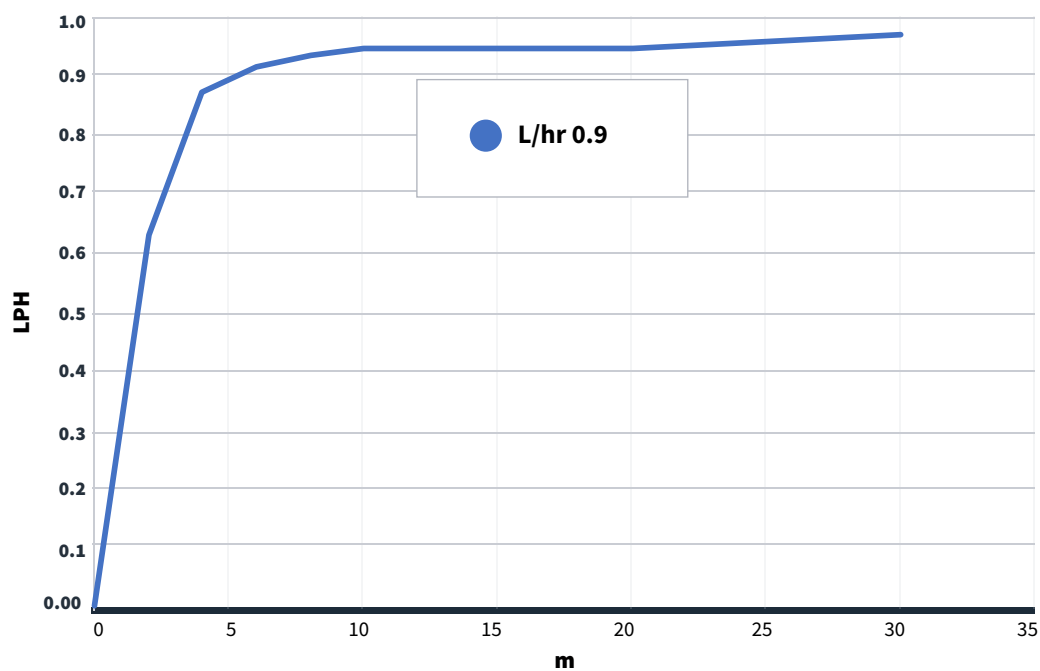
Specifications

- Short and wide self-cleaning labyrinth with turbulent flow to prevent particle settling
- Highly resistant to UV and typical agricultural fertilizers
- Driplines available at diameters of 16mm, 17mm, 20mm, 22mm
- Available flowrate 0.9 L/hr
- Precisely welded into thin/medium-wall driplines of 0.30mm, 0.40mm, 0.5mm, 0.6mm thickness
- Available with Rootguard Band® extruded layer to prevent root intrusion in SDI applications
- Available with Cleanline® extruded layer to prevent clogging when using water with high organic content
- Color striping available per grower's choice

Yuval Dripper Technical Specifications

Flowrate L/hr	Working pressure range (m)	Primary labyrinth width x depth (mm)	Compensating labyrinth width x depth (mm)	Inlet filter slot width (μ)	Effective Filtration area (mm ²)	Recommended filtration (micron/mesh)
0.9	6-25	0.52X0.42	0.4X0.4	350	43.7	130/120

Flow rate Vs. Pressure



Flow rate Vs. Pressure table

Nominal Flow rate (L/hr)	pressure (m)						
	2	4	6	8	10	20	30
0.9	0.6	0.83	0.87	0.89	0.9	0.9	0.92

YUVAL Dripline Technical Data


Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
YUVAL16030	16.1	0.30	18	0.08
YUVAL16040	16.1	0.40	20	0.08
YUVAL16050	16.1	0.50	25	0.08
YUVAL16060	16.1	0.60	25	0.08
YUVAL20030	19.5	0.30	16	0.08
YUVAL20040	19.5	0.40	20	0.08
YUVAL20050	19.5	0.50	20	0.08
YUVAL20060	18.5	0.60	25	0.08
YUVAL22030	22.2	0.30	16	0.07
YUVAL22040	22.2	0.40	20	0.07
YUVAL22050	22.2	0.50	20	0.07
YUVAL22060	22.2	0.60	25	0.07



Unlock accurate YUVAL dripline lateral
length calculations easily with the
[Irrimetzer app!](#)



Keep in touch!

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