DUPIGET OLIVE/ORCHARD

ALBUZ NOZZLE FLOW RATE TABLE

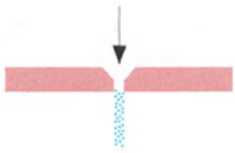
Flow rate in l/min

The table was calculated according to data supplied by the nozzle supplier.

Remember that adjusting the jet changes the flow rate of the nozzles.
A jet adjusted with a wide cone (short distance) can decrease the flow rate by up to 40% compared to a needle-adjusted jet.

We recommend measuring the flow rate of nozzles and creating a customised table after finding the optimal adjustment for the jet according to the plant to be treated.
In order to calculate the flow rate of nozzle, spray liquid (use only water) for 30 seconds into a container, weigh the content and multiply by 2.

The highlighted part refers to the standard version of DUPIGET OLIVE/ORCHARD.



Hole mm	**10 bar**	**15 bar**	**20 bar**	**30 bar**
Ø 1.2 needle	2.51	3.06	3.52	4.30
Ø 1.5 needle	3.99	4.82	5.51	6.65
Ø 1.8 needle	5.70	6.98	8.06	9.88
Ø 2.0 needle	6.85	8.37	9.65	11.80
Ø 2.0 cone	4.0	4.66	5.42	
Ø 2.3 needle	9.17	11.31	13.13	16.20

= Standard version: Ø 2 mm

The table is an indication only.
Adjusting the jet may change the flow rate of the nozzles.

DUPIGET OLIVE/ORCHARD

DUPIGET OLIVE/ORCHARD FLOW RATE TABLE WITH BAR CODE 32/RAB

The table was calculated according to data supplied by the nozzle supplier with a pressure of 10 bar. Remember that adjusting the jet changes the flow rate of the nozzles.
The highlighted part refers to the standard version of DUPIGET OLIVE/ORCHARD.

Nozzles Ø mm	**l/min**		**Distance between rows 4 m** 5 km/h	**Distance between rows 5 m** 5 km/h	**Distance between rows 6 m** 5 km/h
1.2 + 1.2 (x 2)	10	**l/ha**	300	240	200
1.5 + 1.5 (x 2)	16	**l/ha**	480	384	320
1.8 + 1.8 (x 2)	22.8	**l/ha**	684	547	456
2.0 + 2.0 (x 2)	27.4	**l/ha**	822	660	548
2.3 + 2.3 (x 2)	36.7	**l/ha**	1100	880	734

= Standard version: Ø 2 mm

The table is an indication only.
Adjusting the jet may change the flow rate of the nozzles.

DROPLET SIZE

Droplets of different size are generated according to the adjustment of the jet spraying width and the operating pressure.

For example:
• High pressure (20 bar) and very open spraying jets (smaller distance) generates fine drops (greater drift).
• Low pressure (10 bar) and closed spraying jets (larger distance) generates larger drops (smaller drift).

Select the most suitable adjustments,
according to the product to be sprayed and the weather conditions, trying to generate the least possible drift.