



ORCHARD
VINEYARD

catalog 2020

ALBUZ

Dimensions:
11 mm

ISO



ISO
color code

AVI 80° Air induction flat spray nozzle

MAIN CHARACTERISTICS

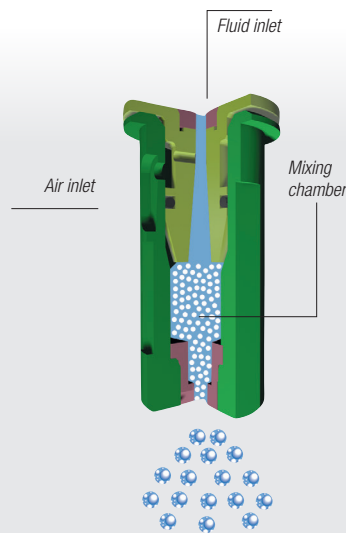
- > Designed to be used over a wide range of pressures (from 150 to 300 psi).
- > Pink ALBUZ® ceramic orifice with excellent precision and high wear resistance.
- > Flat fan pattern, angle of 80 degree at 40 psi.
- > Can be used for tree canopies up to 25 feet.

SPECIFIC CHARACTERISTICS

- > Air induction nozzle (venturi system) : sprays large drops filled with air bubbles, which do not drift and burst to form finer droplets on contact with the plant.
- > Increase retention of the product on the foliage, and reduce product losses to the ground.
- > Dramatically reduces drift, while enhancing the number of "impacts" of product on the target, (excellent coverage of the treated zones)
- > Anti-clogging design and double air-intake orifices.
- > Compact design (1.10 inches length) adapted to all booms and nozzle bodies.
- > **Recommended operating pressures: between 150 and 200 psi.**

APPLICATIONS

Particularly recommended for the orchard treatments of systemic and contact products.



FLOW RATE CHART (gpm)

Pressure (psi)	ORANGE	GREEN	YELLOW	PURPLE	BLUE	RED
	8001	80015	8002	80025	8003	8004
	100 Mesh	100 Mesh	100 Mesh	50 Mesh	50 Mesh	50 Mesh
150	0.194	0.290	0.387	0.484	0.581	0.775
160	0.2	0.300	0.400	0.500	0.6	0.800
170	0.206	0.309	0.412	0.515	0.618	0.83
190	0.218	0.327	0.436	0.545	0.654	0.872
200	0.224	0.335	0.447	0.559	0.671	0.894
220	0.235	0.352	0.469	0.586	0.704	0.938
230	0.24	0.36	0.48	0.599	0.719	0.959
250	0.25	0.375	0.5	0.625	0.75	1
260	0.255	0.382	0.51	0.637	0.765	1.02
280	0.265	0.397	0.529	0.661	0.794	1.058
290	0.269	0.404	0.539	0.673	0.808	1.077
300	0.274	0.411	0.548	0.685	0.822	1.095
320	0.283	0.424	0.566	0.707	0.849	1.131
330	0.287	0.431	0.574	0.718	0.862	1.149
350	0.296	0.444	0.592	0.740	0.887	1.183
360	0.3	0.450	0.600	0.750	0.9	1.2



150-360 psi



80°

