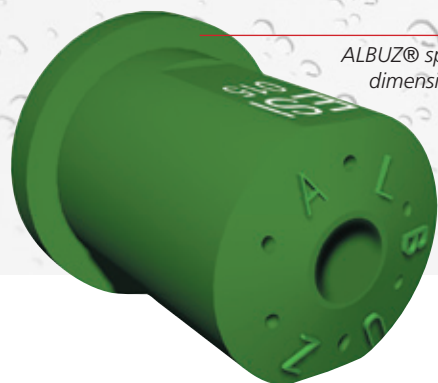


OTHER

ISO

catalogue 2009 **ALBUZ**



ALBUZ® specific body dimensions 11 mm

ESI ALBUZ®
6 stream nozzle

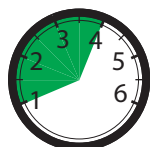
SPECIFIC CHARACTERISTICS

- ▶ Specific use: liquid fertilizer application,
- ▶ Pink ALBUZ ceramic calibrated orifice (excellent precision and high wear resistance),
- ▶ ISO colour coded and flow rated but with an ALBUZ 11 mm plastic body shape. Cap fitted with 7° to 10° offset angle from boom position,
- ▶ Orifices: 6 streams providing very coarse droplets improving fertilizer distribution.

RECOMMENDATIONS

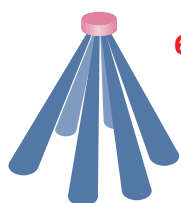
- ▶ The recommended boom height is **60 cm (23.6 inches)** from the target; that is similar to the ISO 110° flat-fan nozzle height recommendations.

PRESSURE RANGE



from 1 to 4 bar

BOOM HEIGHT



60 cm

Flow rate chart (L/mn)

Bar	015	02	025	03	04	05	06
1	0.35	0.46	0.58	0.69	0.92	1.15	1.39
1.5	0.42	0.57	0.71	0.85	1.13	1.41	1.70
2	0.49	0.65	0.82	0.98	1.31	1.63	1.96
2.5	0.54	0.73	0.91	1.10	1.46	1.82	2.19
3	0.60	0.80	1.00	1.20	1.60	2.00	2.40
3.5	0.64	0.86	1.08	1.30	1.73	2.16	2.59
4	0.69	0.91	1.15	1.39	1.85	2.30	2.77

Nozzle colour selection - recommended pressure (bar) (1.2 - 3.7 bar)

L / ha		Nozzle spacing 50 cm																						
WATER	AZOTE	5 km/h			7 km/h			8 km/h			9 km/h			10 km/h			12 km/h			15 km/h				
50	44											1.2				1.4				2.1	1.2	1.2	3.3	1.8
75	66					1.6			2.1	1.2		2.6	1.5	1.2	3.3	1.8				1.7	2.6	2.6	1	1.8
100	88		1.4			2.8	1.6	1.3	3.7	2.1	1.2	1.7	2.6	1.4	2.1	3.3	2.1			1.2	3		1.8	3.3
125	110		2.3			1.6	2.5	1.4	2.1	3.3	1.8	1	2.6	2.3	1.3	3.3	3.3			1.8		1.3	2.9	1.8
150	132		3.3	1.8	1.6	2.3	3.6	2.1	1.2	3	2.6	1.5	3.8	3.3	1.8		1.2	2.6	1.7	1.8				2.6
175	154		1.6	2.5	2.2	1.2	3.1	2.8	1.6	1	3.6	2	1.3	1.1	2.5	1.6	1.6	3.6	2.3	2.5				3.6
200	176	1.4	2.1	3.3	2.8	1.6		3.7	2.1	1.3	1.2	2.6	1.7	1.4	3.3	2.1	2.1			3	3.3			
250	220	2.3	1.3	3.3	1.1	2.5	1.6	1.4	3.3	2.1	1.8		2.6	2.3		3.3	3.3							
300	264	3.3	1.8		1.6	3.6	2.3	2.1		3	2.6		3.8	3.3										
350	308	4.4	2.5	1.6	2.2		3.1	2.8			3.6													
400	352	1.4	3.3	2.1	2.8			3.7																
450	396	1.8		2.6	3.6																			
500	440	2.3		3.3																				