

ALBUZ® CVI

Low pressure air injected anti-drift nozzles

ISO
body
dimensions



Nozzle
type

ISO
colour
code

APPLICATIONS

- ▶ All types of treatment (systemic and contact products) including liquid fertilizers.
- ▶ Designed to be used over a wide range of pressures (from 1.5 to 3 bar).

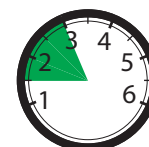
MAIN CHARACTERISTICS

- ▶ Pink ALBUZ® ceramic orifice (excellent precision and high wear resistance).
- ▶ Flat fan pattern angle 110°. Wide angle flat spray: overlap required to ensure uniform distribution on the ground.
- ▶ Designed for all types of nozzle holders, using the same cap as ISO nozzles (for example: AXI).

SPECIFIC CHARACTERISTICS

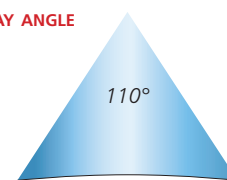
- ▶ Air induction spray nozzle (venturi system): sprays large drops filled with air bubbles which do not drift and which burst into fine droplets on contact with the plant.
- ▶ Almost totally eliminate drift, while increasing the number of impacts (excellent coverage of the treated zone).
- ▶ Anti-clogging design and double air-intake orifice.
- ▶ Compact design (22 mm length) adapted to all booms and nozzles-holders.
- ▶ **Minimum height boom recommended: 50/60 cm.**
- ▶ **Recommended pressure: 2 bar.**

PRESSURE RANGE

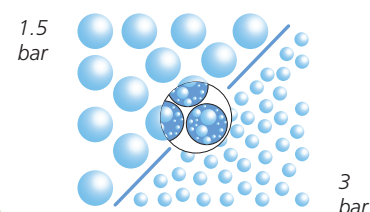


from 1.5
to 3 bar

SPRAY ANGLE



DROPLET SPECTRUM



1.5
bar

3
bar

Flow rate chart

Colour	ISO code	Mesh	(bar)	l/mn	LITRES / HECTARE NOZZLE SPACING: 50 CM									
					7 km/h	8 km/h	9 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18km/h	20km/h	22km/h
GREEN	CVI 110015	80	1.5	0.42	72	63	56	50	42	36	32	28	25	23
			2	0.49	84	74	65	59	49	42	37	33	29	27
			2.5	0.54	93	81	72	65	54	46	41	36	32	30
			3	0.60	103	90	80	72	60	51	45	40	36	33
YELLOW	CVI 11002	80	1.5	0.57	98	86	76	68	57	49	43	38	34	31
			2	0.66	113	99	88	79	66	57	50	44	44	35
			2.5	0.73	125	110	97	88	73	63	55	49	48	40
			3	0.80	137	120	107	96	80	69	60	53	52	44
LILAC	CVI 110025	50	1.5	0.71	122	107	95	85	71	61	53	47	35	39
			2	0.82	141	123	109	98	82	70	62	55	49	45
			2.5	0.91	156	137	121	109	91	78	68	61	55	50
			3	1.00	171	150	133	120	100	86	75	67	60	55
BLUE	CVI 11003	50	1.5	0.85	146	128	113	102	85	73	64	57	51	46
			2	0.98	168	147	131	118	98	84	74	65	66	53
			2.5	1.10	189	165	147	132	110	94	83	73	72	60
			3	1.20	206	180	160	144	120	103	90	80	78	65
RED	CVI 11004	50	1.5	1.13	194	170	151	136	113	97	85	75	68	62
			2	1.31	225	197	175	157	131	112	98	87	80	71
			2.5	1.46	250	219	195	175	146	125	110	97	87	80
			3	1.60	274	240	213	192	160	137	120	107	94	87
BROWN	CVI 11005	50	1.5	1.41	242	212	188	169	141	121	106	94	85	77
			2	1.63	279	245	217	196	163	140	122	109	98	89
			2.5	1.82	314	275	247	220	183	156	137	121	110	100
			3	2.00	343	300	267	240	200	171	150	133	120	109