

ISO

Specific body dimensions: 11 mm



ISO colour code



LOW CROPS

catalog 2024

ALBUZ

# AVI 110° Air induction flat spray nozzle

## MAIN CHARACTERISTICS

- > **Designed to be used over a wide range of pressures (from 3 to 5 bar).**
- > Pink ALBUZ® ceramic double orifices (excellent precision and high wear resistance).
- > Flat fan pattern angle 110°.
- > Wide angle flat : spray overlap ensuring uniform distribution on the ground.
- > Designed for all types nozzle-holders.
- > Designed for all types of nozzle-holders, using the same cap as ALBUZ® APE nozzles.

## SPECIFIC CHARACTERISTICS

- > Air-injected spray nozzle (venturi system) : sprays large drops charged with air bubbles ; the AVI 110° model is certified at 75 anti-drift.
- > 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 (28 mm length) adapted to all booms and nozzle holders.
- > **Minimum height boom recommended: 50/60 cm.**
- > **Recommended pressure: 3 bar.**

## FLOW RATE CHART

Colour	ISO code	#	Pressure (bar)	💧	l/mn	Liters / hectare - Nozzle spacing: 50 cm										
						8 km/h	9 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h	22 km/h	24 km/h	26 km/h
ORANGE	AVI 110 01	100 Mesh	3	VC	0,40	60	53	48	40	34	30	27	24	22	20	18
			4	C	0,46	69	61	55	46	39	35	31	28	25	23	21
			5	C	0,52	78	69	62	52	45	39	35	31	28	26	24
GREEN	AVI 110 015	100 Mesh	3	VC	0,60	90	80	72	60	51	45	40	36	33	30	28
			4	C	0,69	104	92	83	69	59	52	46	41	38	35	32
			5	C	0,77	116	103	92	77	66	58	51	46	42	39	36
YELLOW	AVI 110 02	100 Mesh	3	VC	0,80	120	107	96	80	69	60	53	48	44	40	37
			4	C	0,91	137	121	109	91	78	68	61	55	50	46	42
			5	C	1,03	155	137	124	103	88	77	69	62	56	52	48
PURPLE	AVI 110 025  G 1620	50 Mesh	3	VC	1,00	150	133	120	100	86	75	67	60	55	50	46
			4	C	1,15	173	153	138	115	99	86	77	69	63	58	53
			5	C	1,29	194	172	155	129	111	97	86	77	70	65	60
BLUE	AVI 110 03  G 1606	50 Mesh	3	XC	1,20	180	160	144	120	103	90	80	72	65	60	55
			4	C	1,39	209	185	167	139	119	104	93	83	76	70	64
			5	C	1,55	233	207	186	155	133	116	103	93	85	78	72
RED	AVI 110 04  G 1605	50 Mesh	3	XC	1,60	240	213	192	160	137	120	107	96	87	80	74
			4	VC	1,85	278	247	222	185	159	139	123	111	101	93	85
			5	VC	2,07	311	276	248	207	177	155	138	124	113	104	96
BROWN	AVI 110 05	50 Mesh	3	XC	2,00	300	267	240	200	171	150	133	120	109	100	92
			4	XC	2,31	347	308	277	231	198	173	154	139	126	116	107
			5	VC	2,58	387	344	310	258	221	194	172	155	141	129	119
GREY	AVI 110 06	50 Mesh	3	XC	2,40	360	320	288	240	206	180	160	144	131	120	111
			4	XC	2,77	416	369	332	277	237	208	185	166	151	139	128
			5	VC	3,10	465	413	372	310	266	233	207	186	169	155	143
WHITE	AVI 110 08	50 Mesh	3	XC	3,20	480	427	384	320	274	240	213	192	175	160	148
			4	XC	3,70	555	493	444	370	317	278	247	222	202	185	171
			5	XC	4,13	620	551	496	413	354	310	275	248	225	207	191
LIGHT BLUE*	AVI 110 10	50 Mesh	3	XC	4,00	600	533	480	400	343	300	267	240	218	200	185
			4	XC	4,62	693	616	554	462	396	347	308	277	252	231	213
			5	XC	5,16	774	688	619	516	442	387	344	310	281	258	238

## APPLICATIONS

All types of treatments (systemic and contact products) including liquid fertilizers.



\* this nozzle was before black color