

Nozzle type

ALBUZ®  
specific body  
dimensions  
11 mm110°  
angleISO  
colour  
code

# AVI 110° ALBUZ®

## Air injected anti-drift nozzle

### APPLICATIONS

- ▶ All types of treatments (systemic and contact products) including liquid fertilizers.
- ▶ Designed to be used over a wide range of pressures (from 3 to 5 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 ALBUZ® APE nozzles.

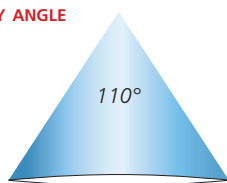
### SPECIFIC CHARACTERISTICS

- ▶ 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 (28 mm length) adapted to all booms and nozzle holders.
- ▶ **Minimum height boom recommended: 50/60 cm.**
- ▶ **Recommended pressure: 3 bar.**

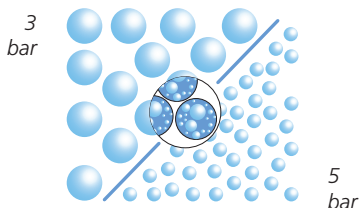
### PRESSURE RANGE

from 3  
to 5 bar

### SPRAY ANGLE



### DROPLET SPECTRUM

3  
bar5  
bar

### Flow rate chart

Colour	ISO code	Mesh	(bar)	l/mn	LITRES / HECTARE NOZZLE SPACING: 50 CM											
					6 km/h	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	
ORANGE	AVI 11001	80	3	0.40	80	69	60	53	48	40	34	30	27	24	22	
			4	0.46	92	79	69	61	55	46	39	35	31	28	25	
			5	0.52	104	89	78	69	62	52	45	39	35	31	28	25
GREEN	AVI 11015	80	3	0.60	120	103	90	80	72	60	51	45	40	36	33	
			4	0.69	138	118	104	92	83	69	59	52	46	41	38	
			5	0.77	154	132	116	103	92	77	66	58	51	46	42	
YELLOW	AVI 11002	80	3	0.80	160	137	120	107	96	80	69	60	53	48	44	
			4	0.91	182	156	137	121	109	91	78	68	61	55	50	
			5	1.03	206	177	155	137	124	103	88	77	69	62	56	
LILAC	AVI 11025	50	3	1.00	200	171	150	133	120	100	86	75	67	60	55	
			4	1.15	230	197	173	153	138	115	99	86	77	69	63	
			5	1.29	258	221	194	172	155	129	111	97	86	77	70	
BLUE	AVI 11003	50	3	1.20	240	206	180	160	144	120	103	90	80	72	65	
			4	1.39	278	238	209	185	167	139	119	104	93	83	76	
			5	1.55	310	266	233	207	186	155	133	116	103	93	85	
RED	AVI 11004	50	3	1.60	320	274	240	213	192	160	137	120	107	96	87	
			4	1.85	370	317	278	247	222	185	159	139	123	111	101	
			5	2.07	414	355	311	276	248	207	177	155	138	124	113	
BROWN	AVI 11005	50	3	2.00	400	343	300	267	240	200	171	150	133	120	109	
			4	2.31	462	396	347	308	277	231	198	173	154	139	126	
			5	2.58	516	442	387	344	310	258	221	194	172	155	141	
GREY	AVI 11006	50	3	2.40	480	411	360	320	288	240	206	180	160	144	131	
			4	2.77	554	475	416	369	332	277	237	208	185	166	151	
			5	3.10	620	531	465	413	372	310	266	233	207	186	169	
WHITE	AVI 11008	50	3	3.20	640	549	480	427	384	320	274	240	213	192	175	
			4	3.70	740	634	555	493	444	370	317	278	247	222	202	
			5	4.13	826	708	620	551	496	413	354	310	275	248	225	
BLACK	AVI 11010	50	3	4.00	800	686	600	533	480	400	343	300	267	240	218	
			4	4.62	924	792	693	616	554	462	396	347	308	277	252	
			5	5.16	1032	885	774	688	619	516	442	387	344	310	281	
			6	5.66	1132	970	849	755	679	566	485	425	377	340	309	