

ALBUZ® AVI TWIN

Double flat fan anti drift nozzle with air induction (venturi system)

Nozzle type



ALBUZ®
specific body
dimensions
11 mm

APPLICATIONS

- ▶ All types of treatments (systemic and contact products).
- ▶ Designed to be used over a wide range of pressures (from 3 to 5 bar).

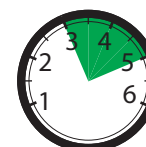
MAIN CHARACTERISTICS

- ▶ Double-orifices pink ALBUZ® ceramic (excellent precision and high wear resistance).
- ▶ Two flat-fan patterns with 110° angles.
- ▶ Wide flat angle: spray overlap required to ensure uniform distribution on the ground.
- ▶ Designed for all types of nozzle holders, using the same cap as ALBUZ® APE / AVI (11 mm) nozzles.

SPECIFIC CHARACTERISTICS

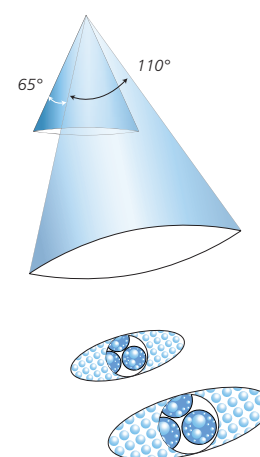
- ▶ The inclination of the jets improves the penetration of the vegetation.
- ▶ Air induction nozzle (venturi system) : sprays large drops filled with air bubbles, which do not drift and burst to form finer droplets on contact with the plant.
- ▶ Almost totally eliminate drift, while increasing the number of impacts (excellent coverage of the treated zone).
- ▶ Anti-clogging design and double air-intake orifices.
- ▶ Compact design length (28 mm length) fits 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 AND ANGLE BETWEEN JETS



Flow rate chart

	ISO code	Mesh	(bar)	l/mn	LITRES / HECTARE NOZZLE SPACING: 50 CM											
					5 km/h	6 km/h	7 km/h	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
ORANGE	AVI TWIN 11001	80	3	0.40	96	80	69	60	53	48	40	34	30	27	24	22
			4	0.46	110	92	79	69	61	55	46	39	35	31	28	25
			5	0.52	125	104	89	78	69	62	52	45	39	35	31	28
			6	0.57	137	114	98	86	76	68	57	49	43	38	34	31
GREEN	AVI TWIN 11015	80	3	0.60	144	120	103	90	80	72	60	51	45	40	36	33
			4	0.69	166	138	118	104	92	83	69	59	52	46	41	38
			5	0.77	185	154	132	116	103	92	77	66	58	51	46	42
			6	0.85	204	170	146	128	113	102	85	73	64	57	51	46
YELLOW	AVI TWIN 1102	80	3	0.80	192	160	137	120	107	96	80	69	60	53	48	44
			4	0.91	218	182	156	137	121	109	91	78	68	61	55	50
			5	1.03	247	206	177	155	137	124	103	88	77	69	62	56
			6	1.13	271	226	194	170	151	136	113	97	85	75	68	62
LILAC	AVI TWIN 11025	50	3	1.00	240	200	171	150	133	120	100	86	75	67	60	55
			4	1.15	276	230	197	173	153	138	115	99	86	77	69	63
			5	1.29	310	258	221	194	172	155	129	111	97	86	77	70
			6	1.41	338	282	242	212	188	169	141	121	106	94	85	77
BLUE	AVI TWIN 11003	50	3	1.20	288	240	206	180	160	144	120	103	90	80	72	65
			4	1.39	334	278	238	209	185	167	139	119	104	93	83	76
			5	1.55	372	310	266	233	207	186	155	133	116	103	93	85
			6	1.70	408	340	291	255	227	204	170	146	128	113	102	93
RED	AVI TWIN 11004	50	3	1.60	384	320	274	240	213	192	160	137	120	107	96	87
			4	1.85	444	370	317	278	247	222	185	159	139	123	111	101
			5	2.07	497	414	355	311	276	248	207	177	155	138	124	113
			6	2.26	542	452	387	339	301	271	226	194	170	151	136	123
BROWN	AVI TWIN 11005	50	3	2.00	480	400	343	300	267	240	200	171	150	133	120	109
			4	2.31	554	462	396	347	308	277	231	198	173	154	139	126
			5	2.58	619	516	442	387	344	310	258	221	194	172	155	141
			6	2.83	679	566	485	425	377	340	283	243	212	189	170	154
GREY	AVI TWIN 11006	50	3	2.40	576	480	411	360	320	288	240	206	180	160	144	131
			4	2.77	665	554	475	416	369	332	277	237	208	185	166	151
			5	3.10	744	620	531	465	413	372	310	266	233	207	186	169
			6	3.39	814	678	581	509	452	407	339	291	254	226	203	185