



Anti-drift flat spray nozzles AD

NEW

Low-drift flat spray nozzle.

Advantages

- Application with medium to coarse droplet even with low l/ha rates
- Integrated pre-chamber ensures optimized atomization and reduced fine droplet share
- Pre-chamber can be removed for cleaning



Nozzle size
01 – 04



Spray angle
90°, 120°



Material
POM, ceramic



Pressure range
1.5 – 3 – 6 bar



Recommended filters
80 M 01 – 015
60 M 02 – 04



Droplet size
Coarse – fine



Width across flats
8 mm

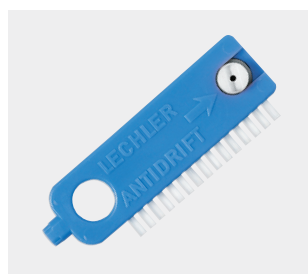
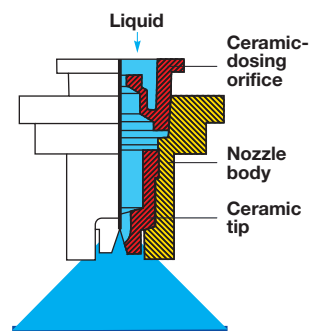
Application areas



Plant protection products and growth regulators



Removable preatomizer



Cleaning brush for AD nozzles
Order no. 06A.D30.56.00
*Clearance

Spray table for anti-drift flat spray nozzles AD

 ()	BCPC		l/min	l/ha 								
				5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h
AD 90-01 (80 M)	M	1.5	0.28	67	56	48	42	34	28	24	21	19
	M	2.0	0.32	77	64	55	48	38	32	27	24	21
	M	2.5	0.36	86	72	62	54	43	36	31	27	24
	M	3.0	0.39	94	78	67	59	47	39	33	29	26
	F	4.0	0.45	108	90	77	68	54	45	39	34	30
	F	5.0	0.51	122	102	87	77	61	51	44	38	34
	F	6.0	0.55	132	110	94	83	66	55	47	41	37
AD 120-015 90-015 (80 M)	M	1.5	0.42	101	84	72	63	50	42	36	32	28
	M	2.0	0.48	115	96	82	72	58	48	41	36	32
	M	2.5	0.54	130	108	93	81	65	54	45	41	36
	M	3.0	0.59	142	118	101	89	71	59	51	44	39
	F	3.5	0.63	151	126	108	95	76	63	54	47	42
	F	4.0	0.68	163	136	117	102	82	68	58	51	45
	F	4.5	0.72	173	144	123	108	86	72	62	54	48
	F	5.0	0.76	182	152	130	114	91	76	65	57	51
AD 120-02 90-02 (60 M)	C	1.5	0.56	134	112	96	84	67	56	47	42	37
	M	2.0	0.65	156	130	111	98	78	65	54	49	43
	M	2.5	0.73	175	146	125	110	88	73	61	55	49
	M	3.0	0.80	192	160	137	120	96	80	67	60	53
	M	3.5	0.86	206	172	147	129	103	86	73	65	57
	M	4.0	0.92	221	184	158	138	110	92	77	69	61
	F	4.5	0.98	235	196	168	147	118	98	82	74	65
	F	5.0	1.03	247	206	177	155	124	103	87	77	69
AD 120-03 90-03 (60 M)	F	6.0	1.13	271	226	194	170	136	113	95	85	75
	C	1.5	0.84	202	168	144	126	101	84	70	63	56
	C	2.0	0.97	233	194	166	146	116	97	81	73	65
	C	2.5	1.08	259	216	185	162	130	108	91	81	72
	M	3.0	1.19	286	238	204	179	143	119	100	89	79
	M	3.5	1.28	307	256	219	192	154	128	108	96	85
	M	4.0	1.37	329	274	235	206	164	137	116	103	91
	M	4.5	1.46	350	292	250	219	175	146	123	110	97
AD 120-04 90-03 (60 M)	M	5.0	1.53	367	306	262	230	184	153	130	115	102
	F	6.0	1.68	403	336	288	252	202	168	141	126	112
	C	1.5	1.12	269	224	192	168	134	112	93	84	75
	C	2.0	1.29	310	258	221	194	155	129	108	97	86
	C	2.5	1.44	346	288	247	216	173	144	122	108	96
	C	3.0	1.58	379	316	271	237	190	158	133	119	105
	C	3.5	1.71	410	342	293	257	205	171	144	128	114
	M	4.0	1.82	437	364	312	273	218	182	154	137	121
AD 120-04 90-03 (60 M)	M	4.5	1.94	466	388	333	291	233	194	164	146	129
	M	5.0	2.04	490	408	350	306	245	204	173	153	136
	M	6.0	2.23	535	446	382	335	268	223	189	167	149

BCPC

Droplet size classification

VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
EC	Extreme coarse

Classifications are subject to change

- Spray pressure at the nozzle tip (gauged with a diaphragm valve)
- The stated liter-per-hectare rates apply to water.
- Prior to each spraying season, verify the table data by gauging the flow rates.
- Make sure that all nozzles have the same settings.

Online nozzle calculator



Apple



Android

Example of ordering

Type + spray angle	+	int'l nozzle size	+	material	=	order number
AD 120°	+	02	+	(POM)	=	AD 120-02
AD 120°	+	02	+	C (ceramic)	=	AD 120-02 C