



# Anti-drift flat spray nozzles AD

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
- Preatomizer can be removed for cleaning



**Nozzle size**  
015 – 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

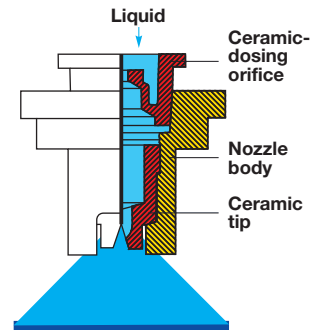
## Application areas




Plant protection products and growth regulators



Removable preatomizer



# Spray table for anti-drift flat spray nozzles AD

	ISO 25358	I/min	I/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	
<b>AD 120-015 90-015 (80 M)</b>	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
F	6.0	0.83	199	166	142	125	100	83	72	62	55	
<b>AD 120-02 90-02 (60 M)</b>	M	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
	F	3.5	0.86	206	172	147	129	103	86	73	65	57
	F	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
F	6.0	1.13	271	226	194	170	136	113	95	85	75	
<b>AD 120-03 90-03 (60 M)</b>	M	1.5	0.84	202	168	144	126	101	84	70	63	56
	M	2.0	0.97	233	194	166	146	116	97	81	73	65
	M	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
	F	4.0	1.37	329	274	235	206	164	137	116	103	91
	F	4.5	1.46	350	292	250	219	175	146	123	110	97
	F	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	
<b>AD 120-04 90-03 (60 M)</b>	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
	M	2.5	1.44	346	288	247	216	173	144	122	108	96
	M	3.0	1.58	379	316	271	237	190	158	133	119	105
	M	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
	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	

ISO 25358  
Droplet size classification

**New measuring system!**  
Further information see page 13.

VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
XC	Extremely coarse
UC	Ultra 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 = ordering no.

AD 120° 02 (POM) = AD 120-02

AD 120° 02 C (ceramic) = AD 120-02 C