









TWIN flat spray air-injector compact nozzle IDKT

Features

- Air-aspirating twin flat spray nozzle
- Pressure range:

IDKT-03 1.5 to 6.0 bar IDKT-04/-05 1.0 to 6.0 bar

- Air-induction twin flat spray nozzle with a spray angle of 120°
- Nozzle is made of high wear-resistant ceramic
- Fans are angled with 60° between each spray pattern forward and backward
- Droplet spectra very coarse to medium
- Very low drift potential in pressure range up to 3.0 bar
- Very compact design only 22 mm long
- Fits all bayonet cap systems with 8 mm AF

Range of application

- Particularly contact (semi-)systemic plant protectants
- Treatment of fungicide in vegetables
- Application of herbicides in sugar beet
- Ears treatment
- Potato blight control and desiccation
- Vegetable-growing
- Grass control

Benefits of IDKT-nozzles

- Very compact flat spray air-injector compact nozzle
 - Fits on all nozzle holders
 - No contact of boom unit when turning the multiple nozzle holder
- One-piece nozzle with reproducibly fixed-position injector for easy removal
- Very low drift potential compared to conventional Twin nozzles
- Thanks to two angled fans, increased number of droplets and impacts compared to normal air injector nozzle
- Excellent coverage on dense foliage and vertical targets (stalk, ears)
- Easy cleaning of injector ceramic orifice
- Best protection of the nozzle tip through long side walls of nozzle body
- Little danger of clogging at the nozzle tip thanks to central afflux profile



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Spray table for TWIN flat spray air-injector compact nozzle IDKT

T				I/ha								
	BCPC/ ASAE	[bar]	l/min	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
IDKT 120-03 (60 M)	С	1.5	0.84	202	168	144	126	101	84	72	63	56
	С	2.0	0.97	233	194	166	146	116	97	83	73	65
	С	2.5	1.08	259	216	185	162	130	108	93	81	72
	С	3.0	1.19	286	238	204	179	143	119	102	89	79
	М	3.5	1.28	307	256	219	192	154	128	110	96	85
	М	4.0	1.37	329	274	235	206	164	137	117	103	91
	М	4.5	1.46	350	292	250	219	175	146	125	110	97
	М	5.0	1.53	367	306	262	230	184	153	131	115	102
	F	6.0	1.68	403	336	288	252	202	168	144	126	112
IDKT 120-04 (60 M)	VC	1.0	0.91	218	182	156	137	109	91	78	68	61
	VC	1.5	1.12	269	224	192	168	134	112	96	84	75
	С	2.0	1.29	310	258	221	194	155	129	111	97	86
	С	2.5	1.44	346	288	247	216	173	144	123	108	96
	С	3.0	1.58	379	316	271	237	190	158	135	119	105
	С	3.5	1.71	410	342	293	257	205	171	147	128	114
	М	4.0	1.82	437	364	312	273	218	182	156	137	121
	М	4.5	1.94	466	388	333	291	233	194	166	146	129
	М	5.0	2.04	490	408	350	306	245	204	175	153	136
	М	6.0	2.23	535	446	382	335	268	223	191	167	149
	VC	1.0	1.14	274	228	195	171	137	114	98	86	76
IDKT 120-05	VC	1.5	1.39	334	278	238	209	167	139	119	104	93
	VC	2.0	1.61	386	322	276	242	193	161	138	121	107
	С	2.5	1.80	432	360	309	270	216	180	154	135	120
	С	3.0	1.97	473	394	338	296	236	197	169	148	131
	С	3.5	2.13	511	426	365	320	256	213	183	160	142
(25 M)	С	4.0	2.28	547	456	391	342	274	228	195	171	152
	М	4.5	2.42	581	484	415	363	290	242	207	182	161
	М	5.0	2.55	612	510	437	383	306	255	219	191	170
	М	6.0	2.79	670	558	478	419	335	279	239	209	186

Sample order

Type + spray angle + Int'l nozzle size + material = order number IDKT 120° 04 C (ceramic) = IDKT 120-04 C

BCPC/ASAE Droplet size classification

VF	Very fine
F	Fine
М	Medium
С	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.