



Multirange flat spray nozzles LU

Universal flat spray nozzle with finer droplet spectrum.

Advantages

- Extended pressure range
- Low drift in the pressure range up to 2.5 bar
- Fine-droplet application
- High manufacturing quality



Nozzle size
01 – 08



Spray angle
90°, 120°



Material
POM, stainless steel,
ceramic



Pressure range
1.5 – 2.5 – 5 bar



Recommended filters

80 M 01 – 015
60 M 02 – 04
25 M 05 – 08



Droplet size
Coarse – fine



Width across flats
8 mm

Application areas



Plant protection
products and
growth regulators



Border application
can be combined
with border nozzle
OC (see page 82)



Backpack sprayer



Greenhouse

Spray table for multirange flat spray nozzles LU

 ()	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
LU 120-01 90-01 (80 M)	F	1.5	0.28	67	56	48	42	34	28	24	21	19
	F	2.0	0.32	77	64	55	48	38	32	27	24	21
	F	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
LU 120-015 90-015 (80 M)	F	1.5	0.42	101	84	72	63	50	42	36	32	28
	F	2.0	0.48	115	96	82	72	58	48	41	36	32
	F	3.0	0.59	142	118	101	89	71	59	51	44	39
	F	4.0	0.68	163	136	117	102	82	68	58	51	45
	F	5.0	0.76	182	152	130	114	91	76	65	57	51
LU 120-02 90-02 (60 M)	F	1.5	0.56	134	112	96	84	67	56	48	42	37
	F	2.0	0.65	156	130	111	98	78	65	56	49	43
	F	3.0	0.80	192	160	137	120	96	80	69	60	53
	F	4.0	0.92	221	184	158	138	110	92	79	69	61
	F	5.0	1.03	247	206	177	155	124	103	88	77	69
LU 120-025 (60 M)	F	1.5	0.70	168	140	120	105	84	70	60	53	47
	F	2.0	0.81	194	162	139	122	97	81	69	61	54
	F	3.0	0.99	238	198	170	149	119	99	85	74	66
	F	4.0	1.15	276	230	197	173	138	115	99	86	77
	F	5.0	1.28	307	256	219	192	154	128	110	96	85
LU 120-03 90-03 (60 M)	M	1.5	0.84	202	168	144	126	101	84	72	63	56
	F	2.0	0.97	233	194	166	146	116	97	83	73	65
	F	3.0	1.19	286	238	204	179	143	119	102	89	79
	F	4.0	1.37	329	274	235	206	164	137	117	103	91
	F	5.0	1.53	367	306	262	230	184	153	131	115	102
LU 120-04 90-04 (60 M)	M	1.5	1.12	269	224	192	168	134	112	96	84	75
	M	2.0	1.29	310	258	221	194	155	129	111	97	86
	M	3.0	1.58	379	316	271	237	190	158	135	119	105
	F	4.0	1.82	437	364	312	273	218	182	156	137	121
	F	5.0	2.04	490	408	350	306	245	204	175	153	136
LU 120-05 90-05 (25 M)	M	1.5	1.39	334	278	238	209	167	139	119	104	93
	M	2.0	1.61	386	322	276	242	193	161	138	121	107
	M	3.0	1.97	473	394	338	296	236	197	169	148	131
	M	4.0	2.28	547	456	391	342	274	228	195	171	152
	M	5.0	2.55	612	510	437	383	306	255	219	191	170
LU 120-06 90-06 (25 M)	C	1.5	1.67	401	334	286	251	200	167	143	125	111
	C	2.0	1.93	463	386	331	290	232	193	165	145	129
	M	3.0	2.36	566	472	405	354	283	236	202	177	157
	M	4.0	2.73	655	546	468	410	328	273	234	205	182
	M	5.0	3.05	732	610	523	458	366	305	261	229	203
LU 120-08 90-08 (25 M)	C	1.5	2.23	535	446	382	335	268	223	191	167	149
	C	2.0	2.58	619	516	442	387	310	258	221	194	172
	C	3.0	3.16	758	632	542	474	379	316	271	237	211
	C	4.0	3.65	876	730	626	548	438	365	313	274	243
	M	5.0	4.08	979	816	699	612	490	408	350	306	272

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
LU	120°	02	(POM)	=	LU 120-02
LU	120°	015	C (ceramic)	=	LU 120-015 C
LU	120°	03	S (stainless steel)	=	LU 120-03 S