

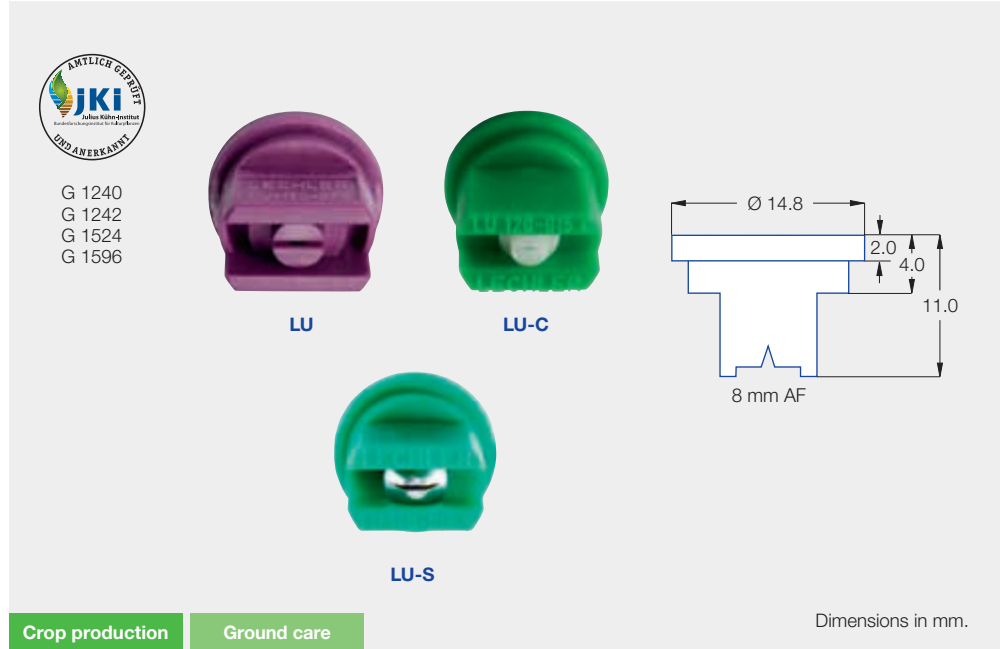


# Multirange flat spray nozzles LU

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 – very fine



**Width across flats**  
8 mm

## Application areas



Plant protection products and growth regulators



Border application can be combined with border nozzle OC







Knapsack sprayer



Greenhouse

# Spray table for multirange flat spray nozzles LU

 ( )	ISO 25358 		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
<b>LU 120-01</b> <b>90-01</b> (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
	VF	4.0	0.45	108	90	77	68	54	45	39	34	30
<b>LU 120-015</b> <b>90-015</b> (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
	VF	4.0	0.68	163	136	117	102	82	68	58	51	45
<b>LU 120-02</b> <b>90-02</b> (60 M)	M	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
<b>LU 120-025</b> (60 M)	M	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
<b>LU 120-03</b> <b>90-03</b> (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
<b>LU 120-04</b> <b>90-04</b> (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
	F	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
<b>LU 120-05</b> <b>90-05</b> (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
	F	3.0	1.97	473	394	338	296	236	197	169	148	131
	F	4.0	2.28	547	456	391	342	274	228	195	171	152
<b>LU 120-06</b> <b>90-06</b> (25 M)	M	1.5	1.67	401	334	286	251	200	167	143	125	111
	M	2.0	1.93	463	386	331	290	232	193	165	145	129
	F	3.0	2.36	566	472	405	354	283	236	202	177	157
	F	4.0	2.73	655	546	468	410	328	273	234	205	182
<b>LU 120-08</b> <b>90-08</b> (25 M)	C	1.5	2.23	535	446	382	335	268	223	191	167	149
	M	2.0	2.58	619	516	442	387	310	258	221	194	172
	M	3.0	3.16	758	632	542	474	379	316	271	237	211
	M	4.0	3.65	876	730	626	548	438	365	313	274	243
<b>LU 120-08</b> <b>90-08</b> (25 M)	M	5.0	4.08	979	816	699	612	490	408	350	306	272

## 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.
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