

NEW



SPOT SPRAY FLAT SPRAY NOZZLE LS 20



AGRICULTURE

- Narrow flat spray nozzle for precise applications

Advantages

- Ideal for precise spot spraying (< 5 cm)
- Ideal for spray booms with small nozzle spacing (3–10 cm) and low spray heights
- High accuracy for small spots (< 5 cm)
- Reduced drift at low spray pressure
- Normal lateral distribution
- Compact design
- Suitable for PWM



Series LS 20

Technical data:



Nozzle sizes
005 and 02



Spray angle
20°



Material
POM



Pressure ranges
2–5 bar



Recommended strainers

- 80 M 005
- 60 M 02



Spray pattern
Flat spray with normal distribution



Droplet sizes
Very coarse – fine



Width across flats
8 mm

			Droplet size	Pressure (bar)	Flow rate [l/min]
LS 20-005	80 M	C	2.0	0.16	
		M	3.0	0.20	
		F	4.0	0.23	
		F	5.0	0.26	
LS 20-02	60 M	VC	2.0	0.64	
		VC	3.0	0.78	
		C	4.0	0.92	
		C	5.0	1.02	

ISO 25358 classification according to droplet sizes:

VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
EC	Extremely coarse
UC	Ultra coarse

Subject to modifications.

- Operating pressure at the nozzle (measured with diaphragm valve)
- The stated liter-per-hectare rates apply to water
- Verify the table values by gauging the flow rates prior to every spraying season
- Pay attention to uniform nozzle adjustment