

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

- 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

Subject to modifications.