

Hose drop system 5S

NEW

Flexible hose drop system with weight loaded 5-orifice tip for late liquid fertilizer application.

Advantages

- No scorching, because weight-loaded 5-orifice tip is submerged in crop
- 5-orifice tip distributes the liquid fertilizer uniformly in the crop with 0.5 m hose spacing
- In comparison with 0.25 m hose drop system, lower boom loading when pulling through the crop
- Compliance with transport width by ideal adaption of the hose when boom is folded
- Extension as spacer with hose attachment prevents paint damage to the sprayer when folded in
- Including bayonet cap system MULTIJET as standard
- Selection of l/ha rate by nozzle plates



Tube spacing
0.5 m



Dosing orifice
1.0 and 1.2 mm



Spray angle
160°

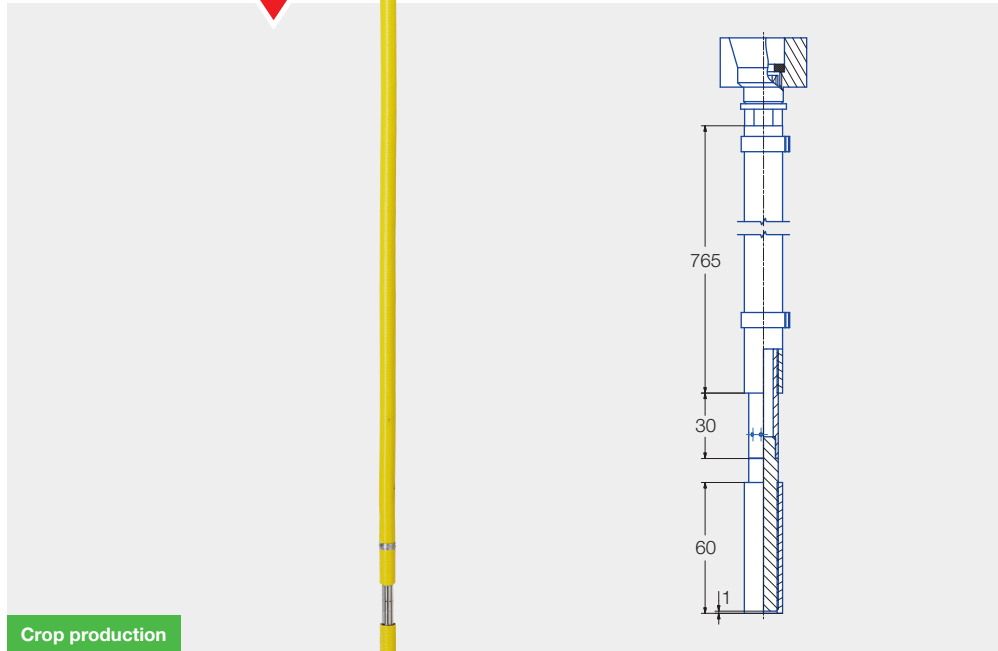


Pressure range
1 – 5 bar

Application area



Liquid fertilizer
80 – 250 l/ha UAN



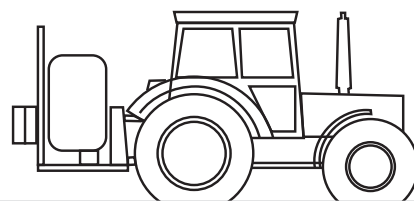
Assembly instruction

Inscription on dosing orifice must face upwards when inserted in the bayonet cap!



Assembly instruction


Fit hose drop system 5S facing forwards in driving direction when assembling on the field spray boom. When the system floats up slightly, the nozzle will then spray directly into the crop.



Direction of travel = spraying direction



Spray table for hose drop system 5S

Ø mm	UAN l/min	UAN l/ha 					
		5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	
1.0/39	1.0	0.41	98	82	70	62	49
	1.5	0.50	120	100	86	75	60
	2.0	0.58	139	116	99	87	70
	2.5	0.65	156	130	111	98	78
	3.0	0.71	170	141	121	106	85
	3.5	0.76	182	152	130	114	91
	4.0	0.82	197	164	141	123	98
	4.5	0.87	209	174	149	131	104
5.0	0.91	218	182	156	137	109	
1.2/48	1.0	0.59	142	118	101	89	71
	1.5	0.73	175	146	125	110	88
	2.0	0.84	202	168	144	126	101
	2.5	0.94	226	188	161	141	113
	3.0	1.03	246	205	176	154	123
	3.5	1.11	266	222	190	167	133
	4.0	1.18	283	236	202	177	142
	4.5	1.26	302	252	216	189	151
5.0	1.32	317	264	226	198	158	

- Prior to each spraying season verify the table data by gauging the flow rates
- Make sure that in all hoses the same dosing orifice are fitted
- Lateral hose spacing 0.5 m
- Spray pressure at dosing orifice (gauged with a diaphragm valve)
- The stated liter-per-hectare rates apply to UAN (28/1.29 kg/l)

Description	Order. no.
Hose drop system 5S	092.173.00
Dosing orifices	
1.0 mm/39 stainless steel	050.030.1C.01.00
1.2 mm/48 stainless steel	050.030.1C.03.00

