

POLIJET-DEFLECTIP PERFORMANCE CHART



US Units: PoliJet

Nozzle Size	ASABE Droplet Size	Spray Angle	Spray Width 20 in height (in)	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre (Single Nozzle Application) MPH			
						1	2	3	4
AN0.6	C	53°	20 @ 40 PSI	10.0	0.16	47.2	23.6	15.7	11.8
	M			20.0	0.22	66.7	33.4	22.2	16.7
	M			40.0	0.27	81.7	40.9	27.2	20.4
AN1.2	C	90°	40 @ 40 PSI	10.0	0.32	47.0	23.5	15.7	11.8
	M			20.0	0.45	66.5	33.3	22.2	16.6
	M			40.0	0.55	81.5	40.7	27.2	20.4
AN1.8	C	113°	60 @ 40 PSI	10.0	0.48	47.2	23.6	15.7	11.8
	C			20.0	0.67	66.7	33.3	22.2	16.7
	C			40.0	0.82	81.7	40.8	27.2	20.4
AN2.4	C	127°	80 @ 40 PSI	10.0	0.63	46.9	23.5	15.6	11.7
	C			20.0	0.90	66.3	33.2	22.1	16.6
	C			40.0	1.10	81.3	40.6	27.1	20.3

Droplet size is based on ASABE S572.1 standard.

Metric Units: PoliJet

Nozzle Size	BCPC Droplet Size	Spray Angle	Spray Width 50 cm height (m)	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/ha (Single Nozzle Application) KM/H			
						2	3	4	5
AN0.6	C	53°	0.5 @ 3 BAR	1	0.60	361	241	181	144
	M			2	0.85	511	340	255	204
	M			3	1.04	625	417	313	250
AN1.2	C	90°	1.0 @ 3 BAR	1	1.20	360	240	180	144
	M			2	1.70	509	339	255	204
	M			3	2.08	624	416	312	249
AN1.8	C	113°	1.5 @ 3 BAR	1	1.80	361	241	180	144
	C			2	2.55	510	340	255	204
	C			3	3.12	625	417	312	250
AN2.4	C	127°	2.0 @ 3 BAR	1	2.40	359	239	179	144
	C			2	3.39	508	338	254	203
	C			3	4.16	622	415	312	249

BCPC CODING FINE MEDIUM COARSE

BCPC droplet size based on BCPC standard.

Application rates shown reflect single nozzle applications at walking speeds.

AN Part Numbers	
Nozzles	Caps (25 Pack)
30AN0.6	CAP30-20
30AN01.2	CAP30-20
30AN01.8	CAP30-20
30AN02.4	CAP30-20

Features	
Common Use	Knapsack
Pattern	Flood
Technology	Deflection
Material	Polyacetal
Spray Angle	53°-127°
Pressure Range	15-45 PSI (1-3 BAR)
Configuration	Nozzle