

SprayTarget

VariTarget

VARIABLE FLOW RATE NOZZLE



Very Fine

Fine

Medium

Coarse

Very Coarse

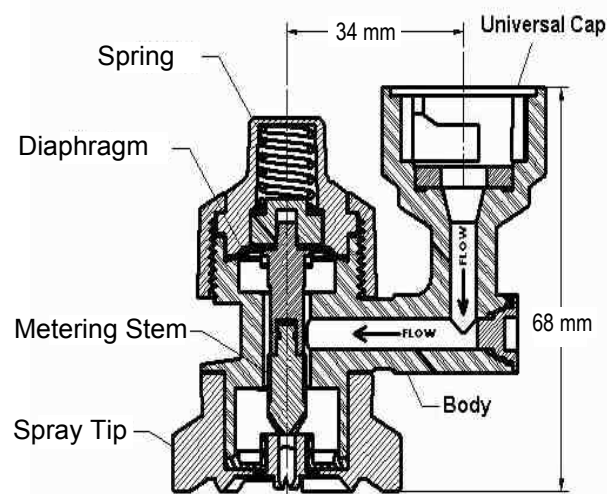
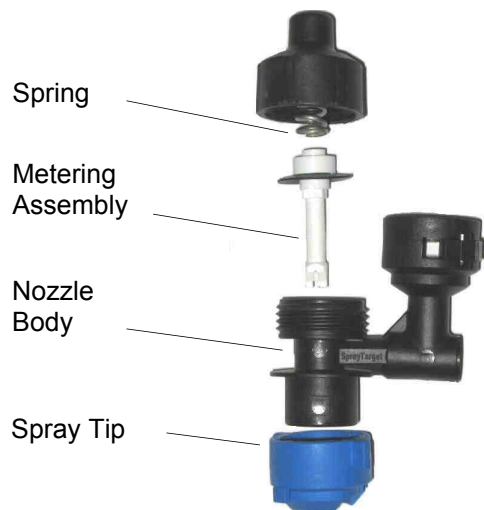
AE50 AWARD WINNER

● ● ● ● ● **Flow Rate Controllable On The Go** ● ● ● ● ●

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VariTarget is a nozzle that is capable of controlling flow rate and maintaining proper spray pattern and droplet size over an extended range of flow rates. The nozzle comprises a flexible spray tip that is automatically and appropriately deformed by a flexible metering assembly in response to changes in liquid pressure. Application rate from 30 to 240 l/ha and spray speed from 6 to 25 km/h is achievable with one VariTarget nozzle.

FEATURES

- Flow rate variable from .38 to 3.0 l/min
- Droplet size: very fine (Red Tip), Fine (Orange Tip), medium (Yellow Tip), coarse (Blue Tip), or very coarse (Green Tip)
- Spray angle of 110 degrees • Uniform spray coverage along the boom and travel direction
- Quick response to rate changes • Flow rate controllable on the go
- Compatible with automatic rate controllers • Compatible with GPS/GIS
- Adaptable to conventional spraying systems • Excellent chemical and wear resistance
- Flexible and large orifices allowing significant reduction in nozzle plugging

APPLICATION CHART YELLOW TIP

Reference Pressure bar	Nozzle Flow Rate l/min	50 cm Nozzle Spacing							
		Liters / hectare - Based on Water							
		6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	15 km/h	20 km/h	25 km/h
1.0	0.38	76	65	57	46	38	30	23	18
1.9	0.57	114	97	85	68	57	45	34	27
2.1	0.76	151	130	114	91	76	61	45	36
2.2	0.95	189	162	142	114	95	76	57	45
2.3	1.14	227	195	170	136	114	91	68	55
2.6	1.51	303	259	227	182	151	121	91	73
2.9	1.89	379	324	284	227	189	151	114	91
3.2	2.27	454	389	341	273	227	182	136	109
3.8	2.65	530	454	397	318	265	212	159	127
4.5	3.03	606	519	454	363	303	242	182	145
5.2	3.41	681	584	511	409	341	273	204	164