

VARITARGET



Variable Flow Rate Nozzle

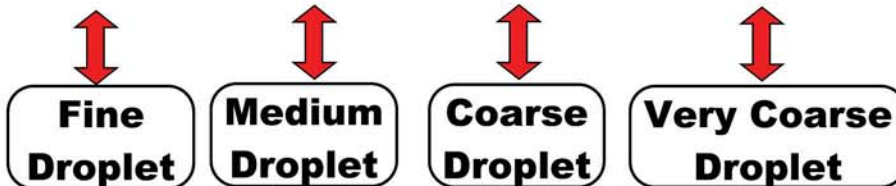
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Orange Tip

Yellow Tip

Blue Tip

Green Tip

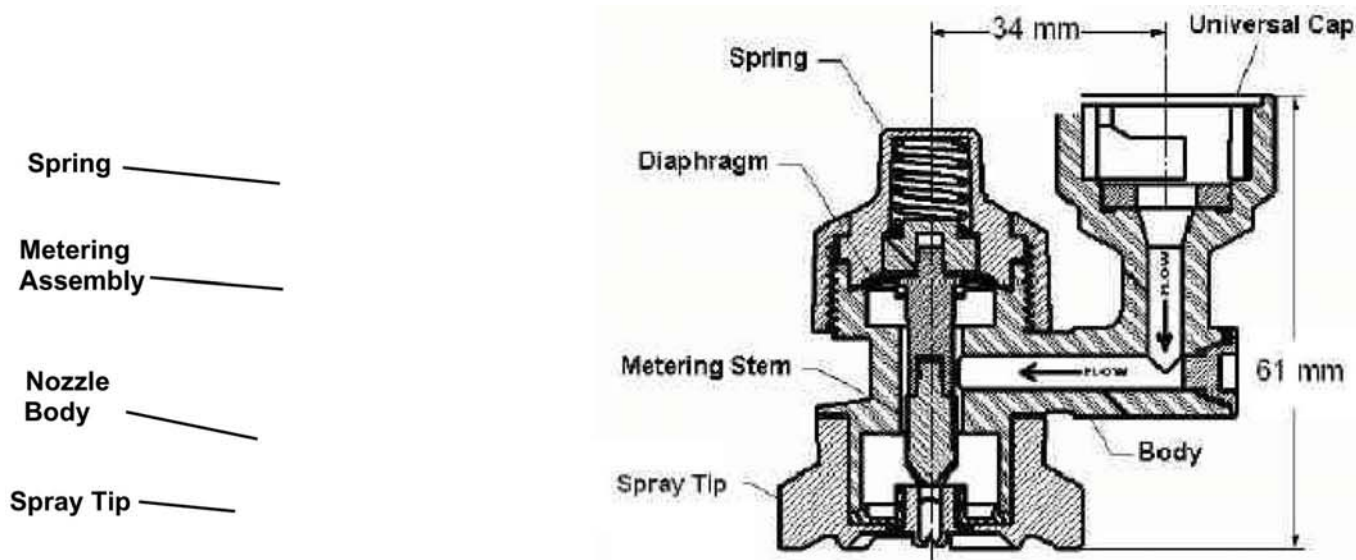


**ONE VARITARGET NOZZLE REPLACES EIGHT
CONVENTIONAL NOZZLES !**

AE50 AWARD WINNER

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

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VariTarget Nozzle 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 16 to 160 l/ha at spray speed of 20 km/h is achievable with one VariTarget nozzle.

FEATURES

- Flow rate variable from .26 to 2.65 l/min (Orange Tip) as pressure varies from 103 to 517 KPa
- Fine (Orange Tip), Medium (Yellow Tip), Coarse (Blue Tip), or Very Coarse (Green Tip) droplet size
- 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 and compatible with GPS/GIS
- Compatible with pressure regulators or automatic rate controllers
- Adaptable to conventional spraying systems • Excellent chemical and wear resistance
- Flexible and large orifices allow significant reduction in nozzle plugging

APPLICATION CHART - Orange Tip

Pressure KPa <u>Reference Only</u>	Flow One Nozzle l/min	l/ha 50 cm Spacing							
		6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	15 km/h	20 km/h	25 km/h
103	0.26	52	45	39	31	26	21	16	12
138	0.38	76	65	57	46	38	30	23	18
172	0.57	114	98	86	68	57	46	34	27
208	0.76	152	130	114	91	76	61	46	36
241	1.13	226	194	170	136	113	90	68	54
275	1.51	302	259	227	181	151	121	91	72
310	1.70	340	291	255	204	170	136	102	82
345	1.89	378	324	284	227	189	151	113	91
379	2.08	416	357	312	250	208	166	125	100
414	2.27	454	389	341	272	227	182	136	109
517	2.65	530	454	398	318	265	212	159	127