

VARITARGET



Variable Flow Rate Nozzle

GP|Delavan AgSpray Products

Yellow Tip

Blue Tip

Green Tip



**Medium
Droplet**



**Coarse
Droplet**



**Very Coarse
Droplet**

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

AE50 AWARD WINNER

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

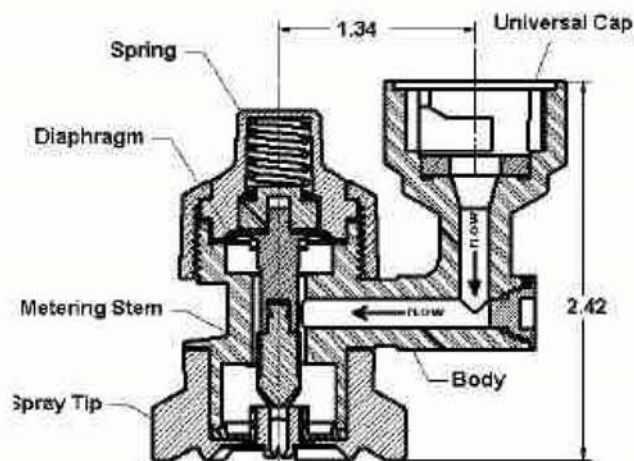
GP|Delavan AgSpray Products
800-621-9357 email: martym@gpcompanies.com

Spring —————

Metering Assembly —————

Nozzle Body —————

Spray Tip —————



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 23 to 182 l/ha at spray speed of 20 km/h is achievable with one VariTarget nozzle.

FEATURES

- Flow rate variable from .38 to 3.03 l/min as pressure varies from 140 to 450 KPa
- Medium (Yellow Spray 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

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
140	0.38	76	65	57	46	38	30	23	18
190	0.57	114	97	85	68	57	45	34	27
210	0.76	151	130	114	91	76	61	45	36
220	0.95	189	162	142	114	95	76	57	45
230	1.14	227	195	170	136	114	91	68	55
260	1.51	303	259	227	182	151	121	91	73
290	1.89	379	324	284	227	189	151	114	91
320	2.27	454	389	341	273	227	182	136	109
380	2.65	530	454	397	318	265	212	159	127
450	3.03	606	519	454	363	303	242	182	145
520	3.41	681	584	511	409	341	273	204	164