

VARITARGET



Variable Flow Rate Nozzle

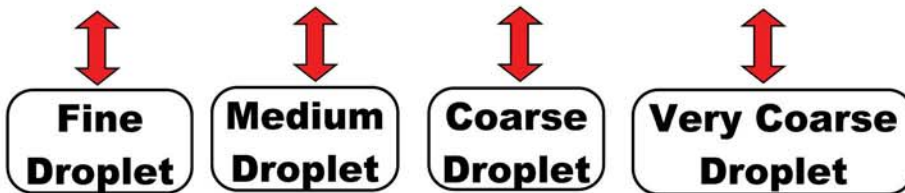
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Orange Tip

Yellow Tip

Blue Tip

Green Tip



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

AE50 AWARD WINNER



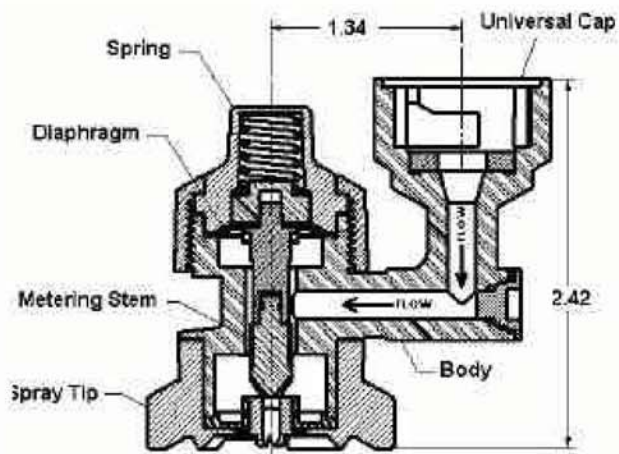
Flow Rate Controllable On The Go



GP|Delavan AgSpray Products

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Spring
 Metering Assembly
 Nozzle Body
 Spray Tip



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 3 to 30 GPA and spray speed from 4 to 20 MPH is achievable with one VariTarget nozzle (Orange Tip).

FEATURES

- Flow rate variable from .07 to .70 GPM (Orange Tip) as pressure varies from 15 to 75 PSI
- 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 • 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

Reference Pressure PSI	Flow Rate GPM	Gallons Per Acre (GPA) Spray Tip Spacing 20"								
		4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	20 MPH
15	0.07	5.2	4.1	3.5	2.6	2.1	1.7	1.5	1.3	1.0
20	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.5
25	0.15	11.1	8.9	7.4	5.6	4.4	3.7	3.2	2.8	2.2
30	0.20	14.8	11.8	9.9	7.4	5.9	4.9	4.2	3.7	3.0
35	0.30	22.2	17.8	14.8	11.1	8.9	7.4	6.3	5.6	4.4
40	0.40	29.6	23.7	19.7	14.8	11.8	9.9	8.5	7.4	5.9
45	0.45	33.3	26.6	22.2	16.7	13.3	11.1	9.5	8.3	6.7
55	0.50	37.0	29.6	24.7	18.5	14.8	12.3	10.6	9.3	7.4
60	0.55	40.7	32.6	27.1	20.4	16.3	13.6	11.6	10.2	8.1
65	0.60	44.4	35.5	29.6	22.2	17.8	14.8	12.7	11.1	8.9
75	0.70	51.8	41.4	34.5	25.9	20.7	17.3	14.8	13.0	10.4