



VariTarget

VARIABLE FLOW RATE NOZZLE



Very Fine

Fine

Medium

Coarse

Very Coarse

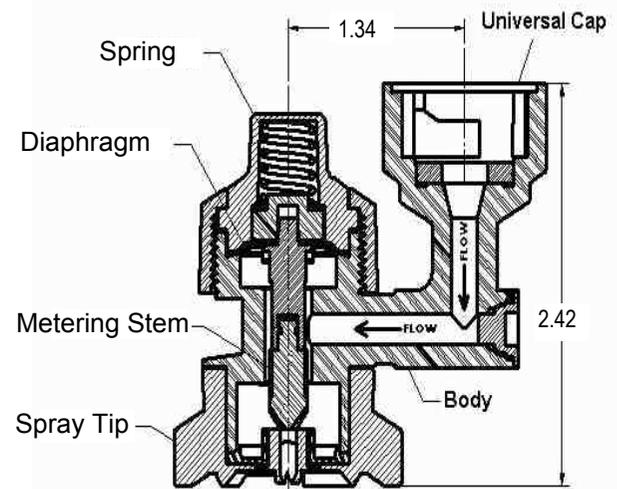
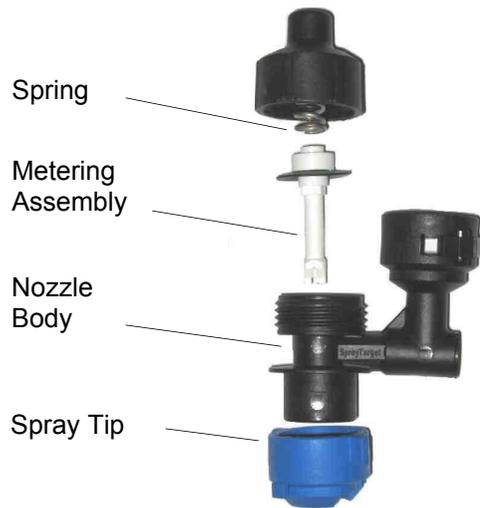
AE50 AWARD WINNER

● ● ● ● ● **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 5 to 40 GPA and spray speed from 5 to 25 MPH is achievable with one VariTarget nozzle.

FEATURES

- Flow rate variable from .10 to .80 GPM
- 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 BLUE TIP

Reference Pressure PSI	Nozzle Flow Rate GPM	20" Nozzle Spacing							
		US Gallons / Acre - Based on Water							
		4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	20 MPH
16	0.15	11.1	7.4	5.6	4.5	3.7	3.2	2.8	2.2
20	0.20	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.0
32	0.30	22.3	14.9	11.1	8.9	7.4	6.4	5.6	4.5
35	0.40	29.7	19.8	14.9	11.9	9.9	8.5	7.4	5.9
38	0.50	37.1	24.8	18.6	14.9	12.4	10.6	9.3	7.4
41	0.60	44.6	29.7	22.3	17.8	14.9	12.7	11.1	8.9
44	0.70	52.0	34.7	26.0	20.8	17.3	14.9	13.0	10.4
47	0.80	59.4	39.6	29.7	23.8	19.8	17.0	14.9	11.9
60	1.00	74.3	49.5	37.1	29.7	24.8	21.2	18.6	14.9
65	1.20	89.1	59.4	44.6	35.6	29.7	25.5	22.3	17.8
85	1.50	111.4	74.3	55.7	44.6	37.1	31.8	27.8	22.3