

## AIR INJECTED NOZZLES ARE NOT ALL THE SAME

Nozzle selection is one of the most important decisions to make when planning to spray. With the risks associated with drift, many farmers are turning to air injection or venturi nozzles to minimize their liability. Producing coarser droplets for drift control can lead to sacrifices in efficacy. TurboDrop® produces a more uniform droplet spectrum than other air injection nozzles. **Reduce drift** and **maximize performance** with TurboDrop®.

- Medium size droplets** provide the best canopy penetration and coverage with drift control.
- TurboDrop® nozzles can produce Medium droplets where most others cannot.
- For use with RoundUp®, Ignite®, Insecticides, Fungicides, Defoliant, etc.
- TurboDrop® does not sacrifice efficacy to achieve drift control.

**TURBO DROP** = Drift Control + Coverage



EC	VC	C	M	F	VF
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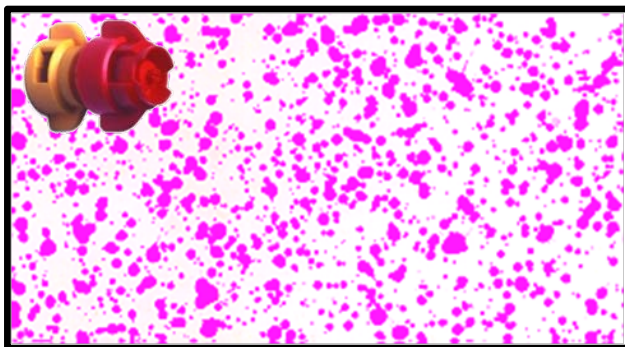
Nozzle	PSI												
	30	35	40	45	50	55	60	70	80	90	100	115	
AI110015	VC	VC	VC	VC	VC	C	C	C	C	C	C	C	
AI11002	VC	VC	VC	VC	VC	VC	VC	C	C	C	C	C	
AI110025	VC	VC	VC	VC	VC	VC	VC	VC	C	C	C	C	
AI11003	XC	XC	VC	VC	VC	VC	VC	VC	VC	C	C	C	
AI11004	XC	XC	XC	VC	VC	VC	VC	VC	VC	C	C	C	

Notice that the competitor is **VERY COARSE** @ 60 psi and remains **COARSE** @ 115 psi.



Nozzle	PSI							
	20	30	45	60	75	90	105	120
TDXL11001			44		73			
TDXL110015	29		46		80			
TDXL11002		Coarse	48	Medium	86	Fine		
TDXL110025	29	44	57			100		
TDXL11003				64				
TDXL11004		32	46	65				

The TurboDrop® TDXL11002 sprays **MEDIUM** size droplets between 48 psi and 86 psi.



More Uniform Droplets = Better Coverage



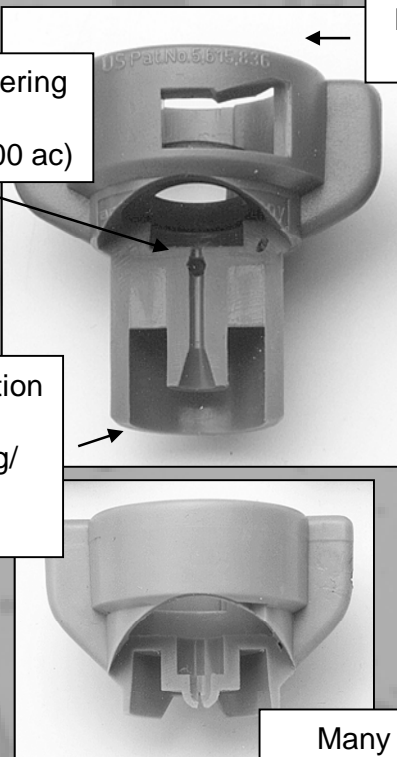
Too coarse & Too fine = Reduced Efficacy

# Venturi Nozzle Comparison

Easy to Clean Design  
No Tools Needed

Thick Poly Metering  
Orifice  
(20,000 – 30,000 ac)

Patented Pulsation  
Dampener  
Largest Mixing/  
Stabilization  
Chamber

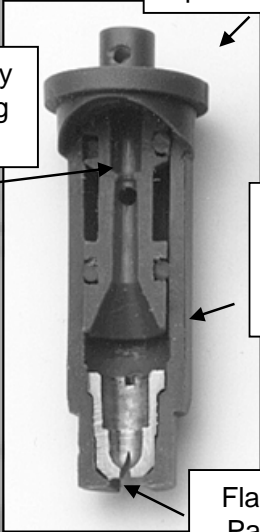


Many Pattern  
Options with 2  
Piece Design

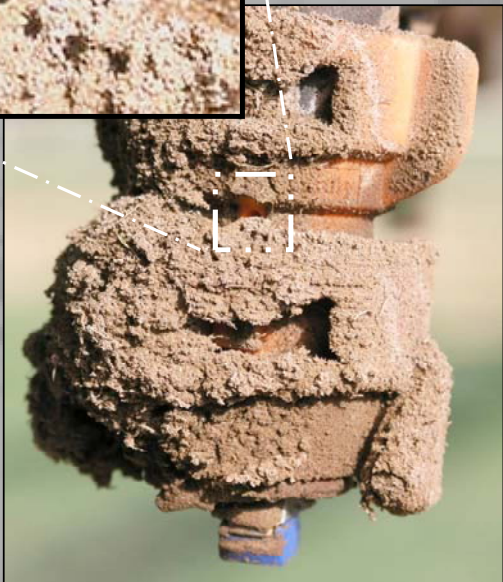
Difficult to Clean  
Special Tools Needed

Thin Poly  
Metering  
Orifice

Small  
Unstable  
Mixing  
Chamber



Flat Fan  
Pattern  
Only



Clear Air Hole in Adverse  
Conditions



Plugged Air Hole in Normal  
Conditions