

$$A = \frac{B+C}{D}$$

# Drop Size Classification

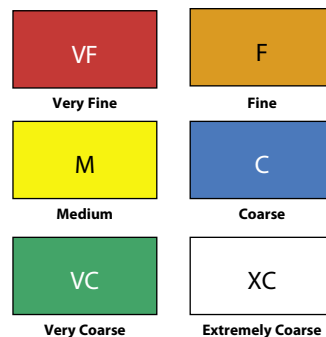
Nozzle selection is often based upon droplet size. The droplet size from a nozzle becomes very important when the efficacy of a particular plant protection chemical is dependent on coverage, or the prevention of spray leaving the target area is a priority.

The majority of the nozzles used in agriculture can be classified as producing either fine, medium, coarse, or very coarse droplets. Nozzles that produce fine droplets are usually recommended for post-emergence applications, which require excellent coverage on the intended target area. The most common nozzles used in agriculture are those that produce medium-sized droplets. Nozzles producing medium- and

coarse-sized droplets can be used for contact and systemic herbicides, pre-emergence surface-applied herbicides, insecticides and fungicides.


An important point to remember when choosing a spray nozzle that produces a droplet size in one of the six categories is that one nozzle can produce different droplet size classifications at different pressures. A nozzle might produce medium droplets at low pressures, while producing fine droplets as pressure is increased.

Droplet size classes are shown in the following tables to assist in choosing an appropriate spray tip.




Droplet size classifications are based on BCPC specifications and in accordance with ASAE Standard S-572 at the date of printing. Classifications are subject to change.


## Turbo TeeJet® (TT) and Turbo TeeJet® Duo (QJ90-2XTT)

	bar										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
TT11001 QJ90-2XTT11001	C	M	M	M	F	F	F	F	F	F	F
TT110015 QJ90-2XTT110015	C	C	M	M	M	M	F	F	F	F	F
TT11002 QJ90-2XTT11002	C	C	C	M	M	M	M	M	M	M	F
TT110025 QJ90-2XTT110025	VC	C	C	M	M	M	M	M	M	M	M
TT11003 QJ90-2XTT11003	VC	C	C	C	C	M	M	M	M	M	M
TT11004 QJ90-2XTT11004	XC	VC	C	C	C	C	C	C	M	M	M
TT11005 QJ90-2XTT11005	XC	VC	VC	VC	C	C	C	C	C	M	M
TT11006 QJ90-2XTT11006	XC	VC	VC	VC	C	C	C	C	C	C	M
TT11008 QJ90-2XTT11008	XC	XC	VC	VC	C	C	C	C	C	C	M


## AI TeeJet® (AI) and AIC TeeJet® (AIC)

	bar											
	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	8
AI110015	VC	VC	VC	VC	C	C	C	C	C	C	C	C
AI11002	VC	VC	VC	VC	VC	C	C	C	C	C	C	C
AI110025	XC	VC	VC	VC	VC	VC	VC	C	C	C	C	C
AI11003	XC	XC	VC	VC	VC	VC	VC	VC	C	C	C	C
AI11004	XC	XC	VC	VC	VC	VC	VC	VC	VC	C	C	C
AI11005	XC	XC	XC	VC	VC	VC	VC	VC	VC	C	C	C
AI11006	XC	XC	XC	VC	VC	VC	VC	VC	VC	VC	C	C
AI11008	XC	XC	XC	XC	VC	VC	VC	VC	VC	VC	C	C
AI11010	XC	XC	XC	XC	VC	VC	VC	VC	VC	VC	VC	C

## Turbo TwinJet® (TTJ60)

	bar										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
TTJ60-11002	VC	C	C	C	C	M	M	M	M	M	M
TTJ60-110025	XC	VC	C	C	C	C	C	C	M	M	M
TTJ60-11003	XC	VC	C	C	C	C	C	C	C	M	M
TTJ60-11004	XC	VC	C	C	C	C	C	C	C	C	M
TTJ60-11005	XC	VC	C	C	C	C	C	C	C	C	C
TTJ60-11006	XC	XC	VC	C	C	C	C	C	C	C	C

## Turbo TeeJet® Induction (TTI)

	bar											
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7
TTI110015	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI11002	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI110025	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI11003	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI11004	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI11005	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
TTI11006	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC