TeeJet® Broadcast Nozzle Selection Guide

	HERBICIDES			FUNGICIDES		INSECTICIDES		DRIFT MANAGE-MENT
	SOIL APPLIED	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC	
		CONTACT	SYSTEMIC					
 **Turbo TeeJet®** Reference page 5		VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD
 **Turbo TeeJet®** *at pressures below 30 PSI (2.0 bar)* Reference page 5	GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	VERY GOOD
 **Turbo TwinJet®** Reference page 14	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD
 **Turbo TwinJet®** *at pressures below 30 PSI (2.0 bar)* Reference page 14	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT
 **Turbo TeeJet® Induction** Reference page 9	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT
 **Air Induction Turbo TwinJet®** Reference page 15	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
 **XR, XRC TeeJet®** Reference pages 10–11		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	GOOD
 **XR, XRC TeeJet®** *at pressures below 30 PSI (2.0 bar)* Reference pages 10–11	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD
 **AIXR TeeJet®** Reference page 6	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
 **AI, AIC TeeJet®** Reference pages 7–8	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
 **TwinJet®** Reference page 16		EXCELLENT		EXCELLENT		EXCELLENT		
 **DG TwinJet®** Reference page 18	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD
 **Turbo FloodJet®** Reference page 19	EXCELLENT		VERY GOOD		VERY GOOD		VERY GOOD	EXCELLENT
 **TurfJet®** Reference page 22	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT
 **QCTF Turbo FloodJet®** Reference page 21	EXCELLENT							EXCELLENT
 **AirMatic® AirJet®** *Contact your regional sales office for additional information*	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

Specialty Application Nozzle Selection Guide

		HERBICIDES			FUNGICIDES		INSECTICIDES	
		PRE-EMERGENCE	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
			CONTACT	SYSTEMIC				
BANDING	 AI TeeJet® EVEN Reference page 29	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 TeeJet® EVEN Reference page 31	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD
	 TwinJet® EVEN Reference page 32		EXCELLENT		EXCELLENT		EXCELLENT	
DIRECTED SPRAYING	 AI TeeJet® EVEN Reference page 29	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 TeeJet® EVEN Reference page 31	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	 TwinJet® EVEN Reference page 32		VERY GOOD		VERY GOOD		VERY GOOD	
	 AIUB TeeJet® Reference page 33		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 AITX ConeJet® Reference page 38		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 ConeJet® Reference pages 28 & 35		EXCELLENT		EXCELLENT		EXCELLENT	
AIR BLAST	 ConeJet® Reference pages 36–37		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	 Disc-Core Reference pages 40–41		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

	BROADCAST	DIRECTED
 **StreamJet** (7-ORIFICE) *Reference page 43*	EXCELLENT	VERY GOOD
 **StreamJet** (3-ORIFICE) *Reference page 42*	VERY GOOD	EXCELLENT
 **StreamJet** (SINGLE-ORIFICE) *Reference page 45*		EXCELLENT
 **CP4916** (ORIFICE PLATE) *Reference page 44*		EXCELLENT
 **TP TeeJet** (LARGE CAPACITY) *Reference page 12*	VERY GOOD	
 **AI TeeJet** **AIC TeeJet** (LOW VOLUME) *Reference pages 7–8*	VERY GOOD	
 **AIUB TeeJet** (LOW VOLUME) *Reference page 33*		VERY GOOD
 **Turbo TeeJet Induction** *Reference page 9*	EXCELLENT	
 **Turbo FloodJet** *Reference page 19*	EXCELLENT	
 **QCTF Turbo FloodJet** *Reference page 21*	EXCELLENT	

LIQUID FERTILIZER APPLICATION

Just as in applying crop protection products, the proper application of liquid fertilizer is important. Delivering nutrients to the crop in a timely and effective manner while minimizing crop damage is essential. TeeJet Technologies offers an extensive selection of nozzles specifically designed to maximize the performance of your liquid fertilizer application.

Solid stream nozzles, offered in both single- and multiple-stream versions, are designed to deliver fertilizer to the soil surface where it can be effectively utilized by the crop. By creating solid liquid streams, these nozzles greatly reduce foliar coverage in standing crop in order to minimize leaf burn. TeeJet Technologies StreamJet nozzles provide the ideal blend of compact, reliable design, ease of installation and affordable pricing.

In some cases, the use of a broadcast nozzle for fertilizer application may be desirable. This could include combined fertilizer/pesticide applications, foliar feeding or broadcast liquid fertilization of bare ground. For these applications TeeJet Technologies offers a wide variety of low drift, flat spray nozzles.

Liquid Density Conversion

When selecting a specific capacity tip for liquid fertilizer application, always correct for liquid density. Application charts shown in this catalog are based on spraying water. Many fertilizer solutions are denser than water, which will affect the application rate. Please see page 125 for a list of density conversion factors.

Example:

Desired application rate is 20 GPA of 28% Nitrogen. Determine the correct nozzle size as follow:

GPA (liquid other than water) x Conversion Factor = GPA (from table in catalog)

20 GPA (28%) x 1.13 = 22.6 GPA (water)

The applicator should choose a nozzle size that will supply 22.6 GPA of water at the desired pressure.

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.