TeeJet® Broadcast Nozzle Selection Guide

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	HERBICIDES			FUNGICIDES		INSECTICIDES		DRIFT MANAGE-MENT	PWM NOZZLE CONTROL
	SOIL APPLIED	POST-EMERGENCE CONTACT	POST-EMERGENCE SYSTEMIC	CONTACT	SYSTEMIC	CONTACT	SYSTEMIC		
 *Turbo TeeJet®* REF PAGE 43		VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT
 *Turbo TeeJet® at pressures below 30 PSI (2.0 bar)* REF PAGE 43	GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	VERY GOOD	EXCELLENT
 *Turbo TwinJet®* REF PAGE 52	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT
 *Turbo TwinJet® at pressures below 30 PSI (2.0 bar)* REF PAGE 52	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT
 *Turbo TeeJet® Induction* REF PAGE 45	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT	
 *Air Induction Turbo TwinJet®* REF PAGE 53	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	
 *AI3070®* REF PAGE 55		VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	
 *XR, XRC TeeJet®* REF PAGE 48 & 49		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	GOOD	EXCELLENT
 *XR, XRC TeeJet® at pressures below 30 PSI (2.0 bar)* REF PAGE 48 & 49	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	EXCELLENT
 *AIXR TeeJet®* REF PAGE 44	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	
 *AI, AIC TeeJet®* REF PAGE 46 & 47	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	
 *TwinJet®* REF PAGE 56		EXCELLENT		EXCELLENT		EXCELLENT			GOOD
 *DG TwinJet®* REF PAGE 57	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	GOOD
 *Turbo FloodJet®* REF PAGE 58	EXCELLENT		VERY GOOD		VERY GOOD		VERY GOOD	EXCELLENT	
 *TurfJet®* REF PAGE 61	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT	
 *QCTF Turbo FloodJet®* REF PAGE 60	EXCELLENT							EXCELLENT	

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

Grimes, IA **800-351-1587** • Gardner, KS **877-829-8502** • Brimfield, IL **855-778-8500**

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		HERBICIDES			FUNGICIDES		INSECTICIDES	
		PRE-EMERGENCE	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
			CONTACT	SYSTEMIC				
BANDING	 AI TeeJet® EVEN REF PAGE 69	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 TeeJet® EVEN REF PAGE 70	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD
	 TwinJet® EVEN REF PAGE 68		EXCELLENT		EXCELLENT		EXCELLENT	
DIRECTED SPRAYING	 AI TeeJet® EVEN REF PAGE 69	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 TeeJet® EVEN REF PAGE 70	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	 TwinJet® EVEN REF PAGE 68		VERY GOOD		VERY GOOD		VERY GOOD	
	 AIUB TeeJet® REF PAGE 71		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 AITX ConeJet®		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 ConeJet® REF PAGE 67		EXCELLENT		EXCELLENT		EXCELLENT	
AIR BLAST	 ConeJet® REF PAGE 67		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	 Disc-Core		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD

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

TeeJet® Liquid Fertilizer Nozzle Selection Guide

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	BROADCAST	DIRECTED
StreamJet (7-ORIFICE) REF PAGE 73	EXCELLENT	VERY GOOD
StreamJet (3-ORIFICE) REF PAGE 72	VERY GOOD	EXCELLENT
StreamJet (SINGLE-ORIFICE) REF PAGE 74		EXCELLENT
CP4916 (ORIFICE PLATE) REF PAGE 75		EXCELLENT
TP TeeJet (LARGE CAPACITY) REF PAGE 50	VERY GOOD	
AI TeeJet AIC TeeJet (LOW VOLUME) REF PAGE 46 & 47	VERY GOOD	
AIUB TeeJet (LOW VOLUME) REF PAGE 71		VERY GOOD
Turbo TeeJet Induction REF PAGE 45	EXCELLENT	
Turbo FloodJet REF PAGE 58	EXCELLENT	
QCTF Turbo FloodJet REF PAGE 60	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 follows:

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.