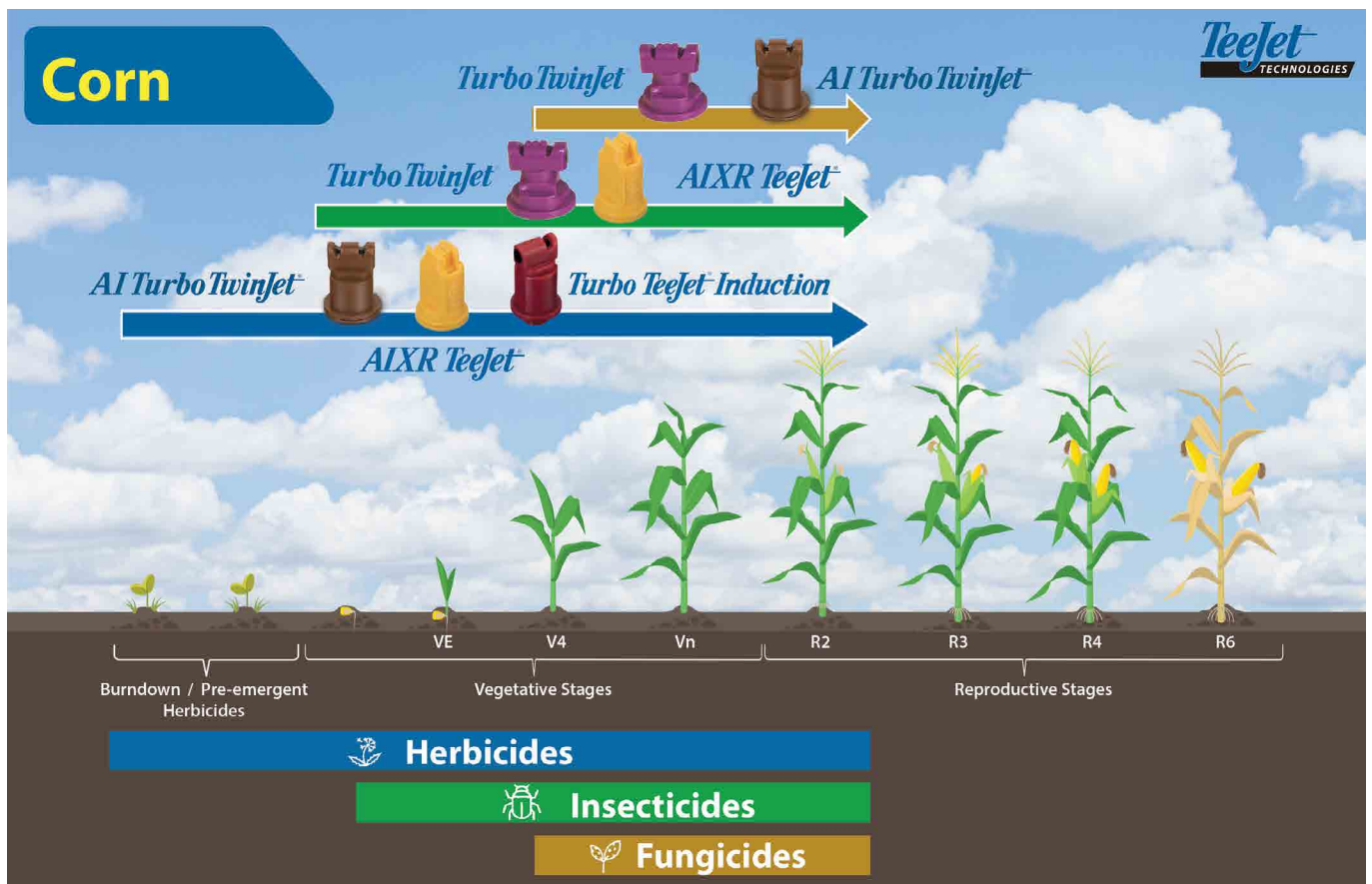
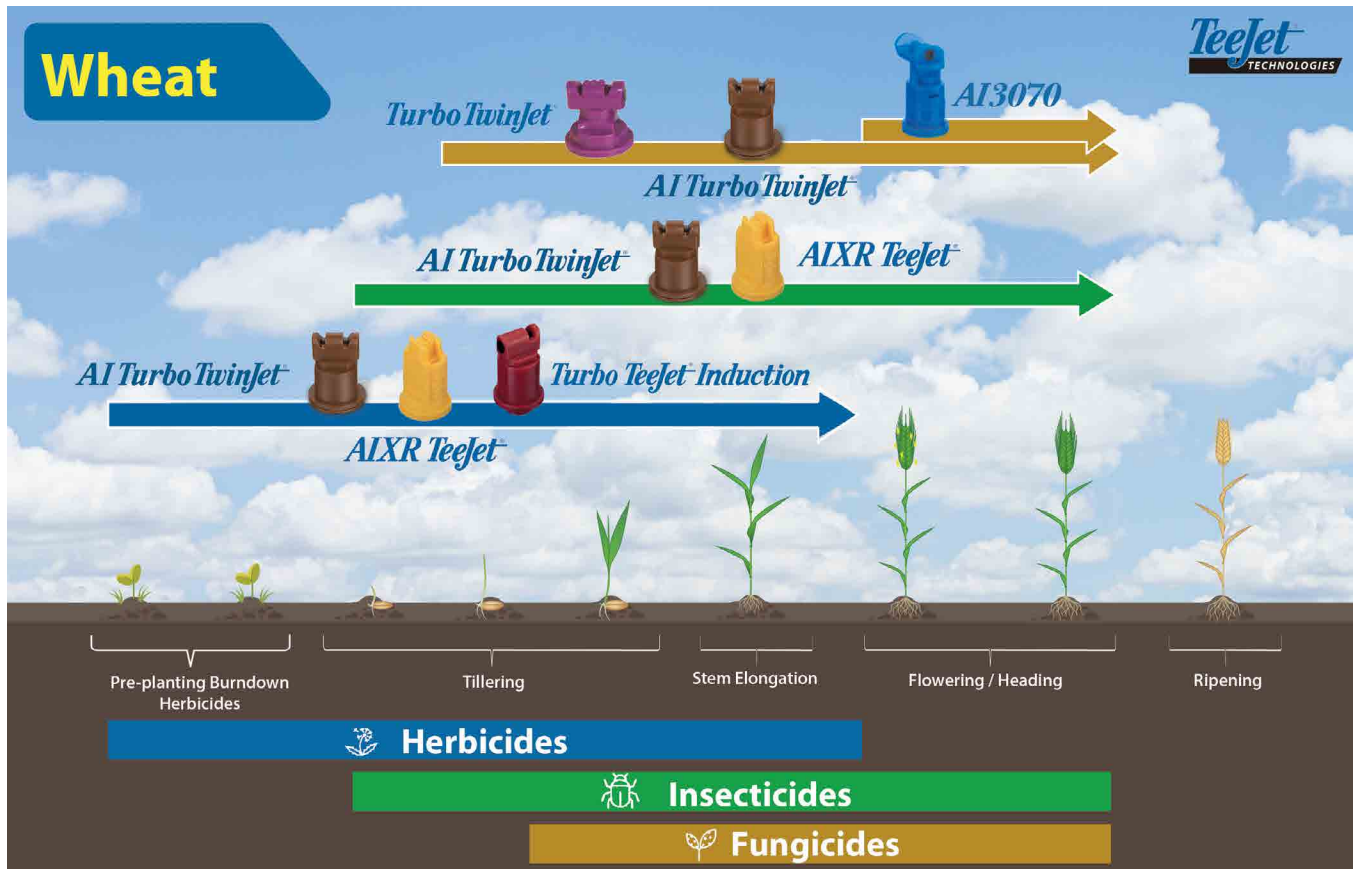
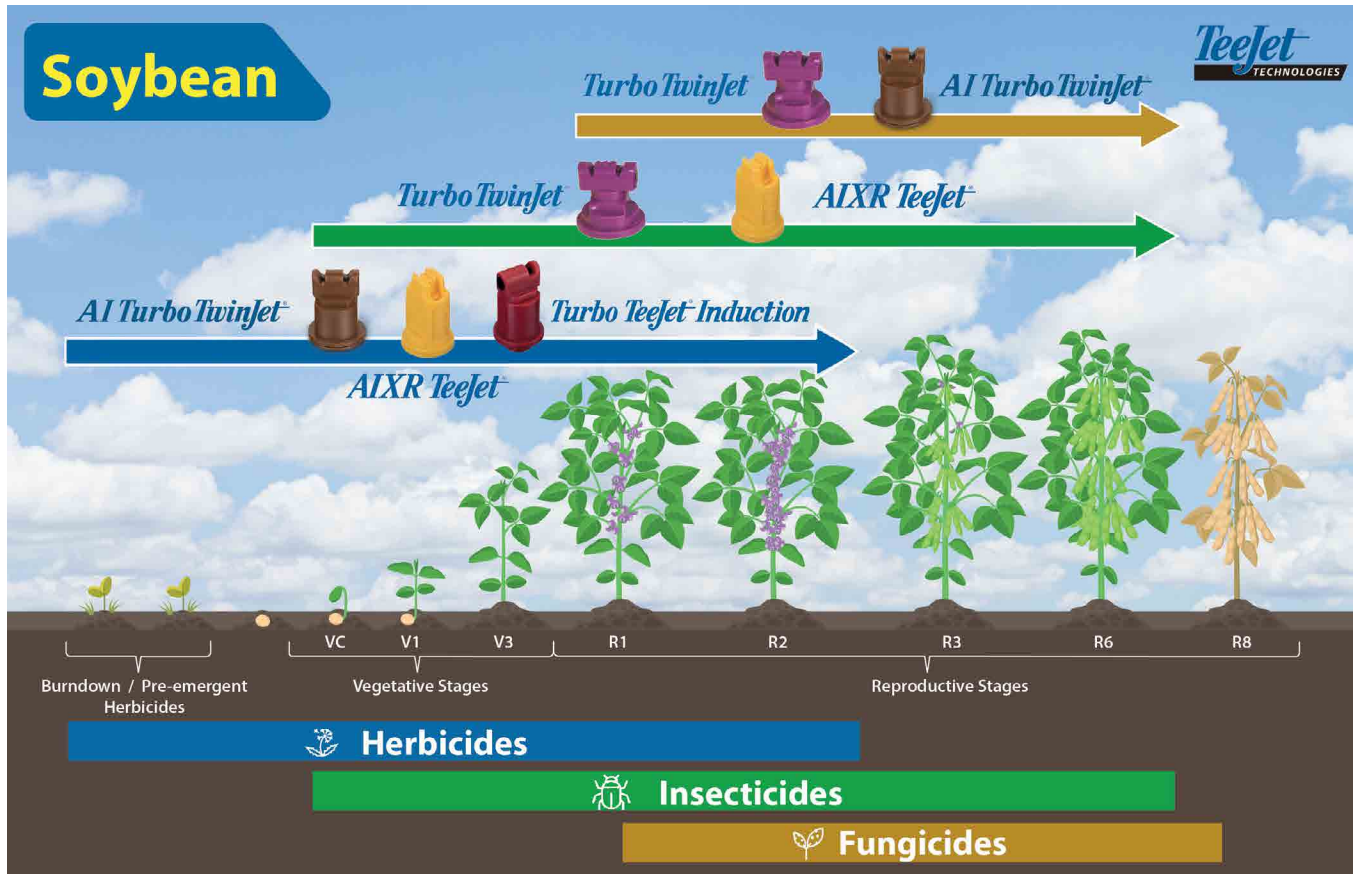


TeeJet® SPRAY TIP SELECTION FOR CROPS

Crop protection product application in crops occurs at different growth stages. The right spray tip selection will result in maximum coverage and efficacy while reducing drift. TeeJet has several spray tips that provide the perfect balance of coverage and drift reduction. Check out some examples of TeeJet spray tips that most suit applications in corn, soybean, and wheat.





SPRAY TIPS & DROPLET SIZE* 	HERBICIDES		FUNGICIDES		INSECTICIDES		
	SOIL APPLIED	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
		CONTACT	SYSTEMIC				
AccuPulse TwinJet⁺ APTJ Pages 14–15	EXCELLENT		EXCELLENT				
Turbo TeeJet⁺ TT Pages 16–17		EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD
AI XR TeeJet⁺ AI XR Pages 18–19	VERY GOOD	EXCELLENT	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	EXCELLENT
Air Induction TeeJet⁺ AI & AIC Pages 20–23	VERY GOOD		EXCELLENT		GOOD		VERY GOOD
Turbo TeeJet Induction TTI Pages 24–25	EXCELLENT		EXCELLENT				
TTI TwinJet⁺ TTI60 Pages 26–27	EXCELLENT		EXCELLENT				
XR, XRC TeeJet⁺ XR & XRC Pages 28–31		VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
Turbo TwinJet⁺ TTJ60 Pages 36–37	GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD
AI Turbo TwinJet⁺ AITTJ60 Pages 38–39	VERY GOOD	VERY GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
AI3070⁺ AI3070 Pages 40–41				EXCELLENT	VERY GOOD		
StreamJet SJ3 & SJ3-VR Pages 92–95							
StreamJet SJ7A & SJ7A-VR Pages 96–99							
StreamJet PTC-VR & QJ-VR Pages 100–101							
StreamJet SOLID STREAM Pages 104							

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations. Droplet size categories shown are based on ISO 25358.
 *(XF) Extremely Fine, (VF) Very Fine, (F) Fine, (M) Medium, (C) Coarse, (VC) Very Coarse, (XC) Extremely Coarse, (UC) Ultra Coarse

FERTILIZER		BROADCAST	DIRECTED	DRIFT CONTROL	PWM APPROVED
N P K					
EXCELLENT				EXCELLENT	✓
EXCELLENT				GOOD	✓
				VERY GOOD	
VERY GOOD				EXCELLENT	
EXCELLENT				EXCELLENT	✓
EXCELLENT				EXCELLENT	✓
				GOOD	✓
				VERY GOOD	✓
				EXCELLENT	✓
				VERY GOOD	
EXCELLENT				EXCELLENT	
EXCELLENT				EXCELLENT	
	EXCELLENT			EXCELLENT	
	EXCELLENT			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 spray tips 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 tips greatly reduce foliar coverage in standing crop in order to minimize leaf burn. TeeJet Technologies StreamJet tips 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 tips.

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 185 for a list of density conversion factors.



EXAMPLE

Desired application rate is 100 l/ha of 1.28 kg/l Nitrogen. Determine the correct nozzle size as follows:

$$\text{l/ha (liquid other than water)} \times \text{Conversion Factor} = \text{l/ha}^*$$

$$100 \text{ l/ha (1.28 kg/l solution)} \times 1.13 = 113 \text{ l/ha (water)}$$

The applicator should choose a tip size that will supply 113 l/ha of water at the desired pressure.

*From table in catalog.



		HERBICIDES		FUNGICIDES		INSECTICIDES		
		SOIL APPLIED	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
			CONTACT	SYSTEMIC				
BANDING	XE TeeJet Pages 62–63	EXCELLENT		EXCELLENT		GOOD		GOOD
	AI TeeJet EVEN Pages 64–65	VERY GOOD		EXCELLENT		GOOD		VERY GOOD
	TeeJet EVEN Pages 68–69	EXCELLENT	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	TwinJet EVEN Pages 70–71		VERY GOOD		VERY GOOD		VERY GOOD	
DIRECTED SPRAYING	AI TeeJet EVEN Pages 64–65	VERY GOOD		EXCELLENT		EXCELLENT		EXCELLENT
	TeeJet EVEN Pages 68–69	EXCELLENT	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	TwinJet EVEN Pages 70–71		VERY GOOD		VERY GOOD		VERY GOOD	
	AIUB TeeJet Pages 72–73		GOOD	EXCELLENT				GOOD
	ConeJet Pages 78–79				EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD
AIR BLAST	TXR ConeJet Pages 84–85				EXCELLENT	GOOD	EXCELLENT	GOOD
	AITX ConeJet Pages 86–87		GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT
	Disc-Core Pages 89–91				EXCELLENT	GOOD	EXCELLENT	GOOD

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