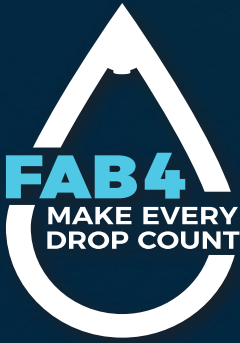


*TeeJet*<sup>®</sup>  
TECHNOLOGIES



**NOZZLE RECOMMENDATIONS**



# FAB4 INTRODUCTION

TeeJet has carefully selected 4 key nozzles that would address the major concerns of droplet size, coverage, penetration, and reducing drift, while meeting regulatory standards.

By choosing the FAB4, you will optimise your performance and profits through innovation and precision.

Our nozzle selection includes a high-quality ceramic option to increase wear-life. We offer a wide droplet range with varied spray angles and twin outlets to increase coverage and penetration. TeeJet's exclusive Turbo Design which boasts a 3-star LERAP rating, and up to 90% drift reduction, JKI approved, and our StreamJet fertiliser nozzle to maximize your liquid fertiliser.

## SUMMARY

Crop nozzle recommendations	p.4
Tips to calibrate your sprayer	p.8
Your TeeJet FAB4 nozzles	p.10
Drift approvals	p.22
Spray boom components	p.24

## TTI

### TURBO TEEJET® INDUCTION



- TeeJet's exclusive Turbo design
- 90% drift reduction
- Removeable pre-orifice for easy cleaning
- Compact nozzle design

## AIXR

### AIR INDUCTION XR TEEJET®



- Perfect balance between drift control, coverage and penetration
- Unique UHMWPE polymer adds improved wear life
- Removeable pre-orifice for easy cleaning
- Available in Ceramic

## AITTJ60

### AIR INDUCTION TURBO TWINJET®



- TeeJet's exclusive Turbo design
- 60° Twin flat fan improves coverage and penetration
- Turbo technology and Air produces coarse droplets to resist drift
- Removeable insert for easy cleaning

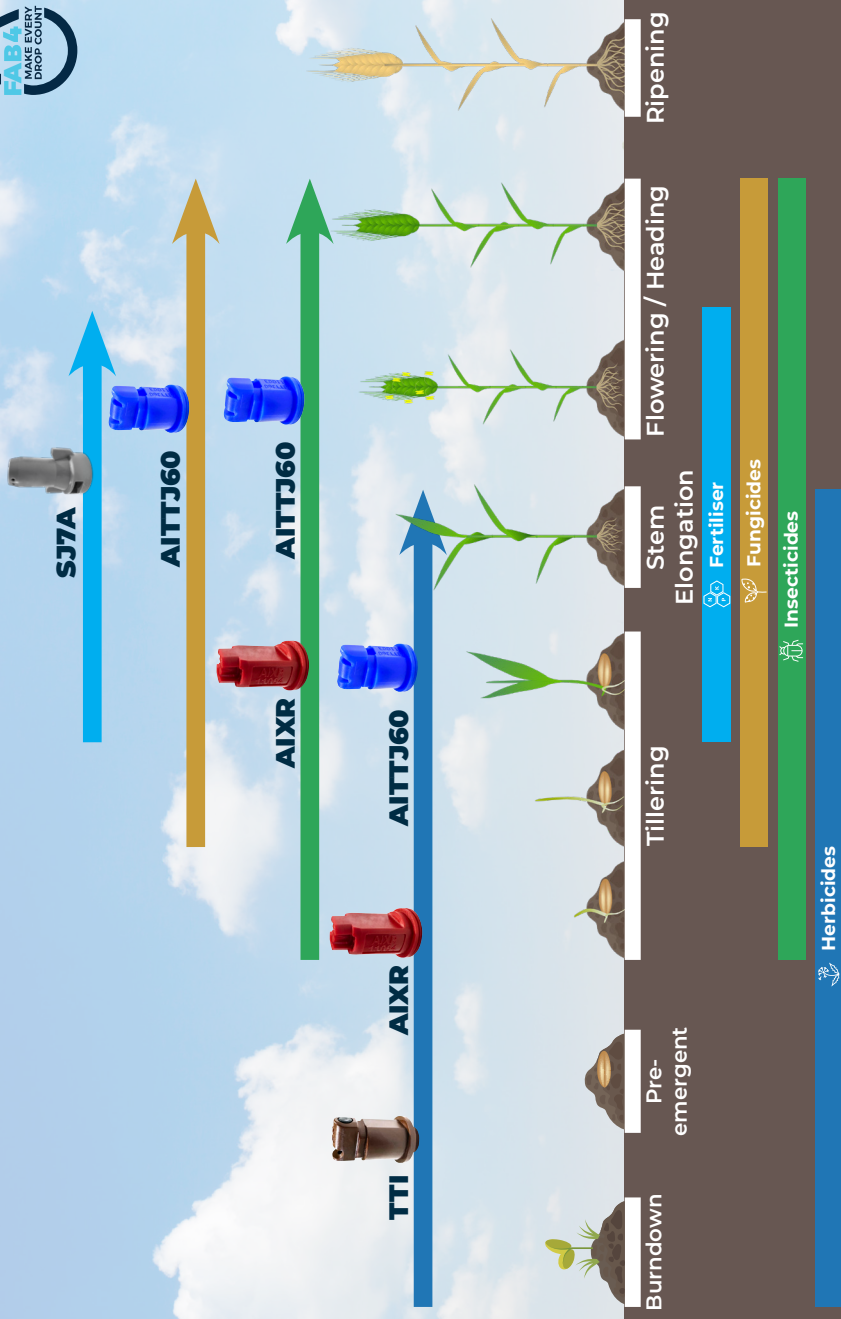
## SJ7A

### STREAMJET®



- 7 Solid streams for excellent distribution
- Less leaf burn
- Quick cap connection can stay on the sprayer
- More even application with the unique backward and down pattern

# Nozzle recommendation for Cereals



# Nozzle recommendation for Oil Seed



Maturity

Vegetative Stages

Reproductive Stages

Pre-emergent

Burndown

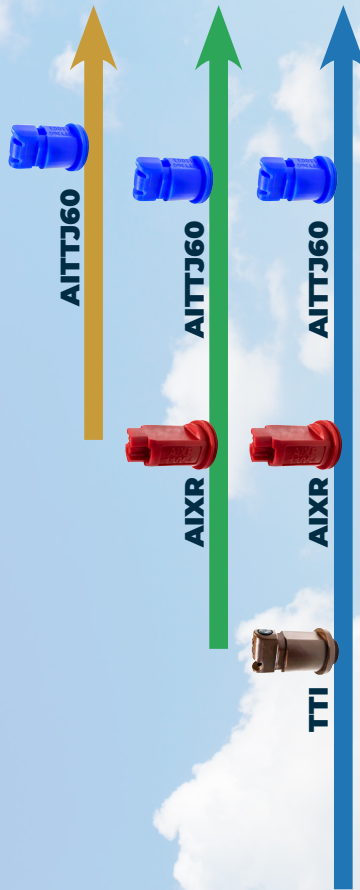
Fertiliser

Fungicides

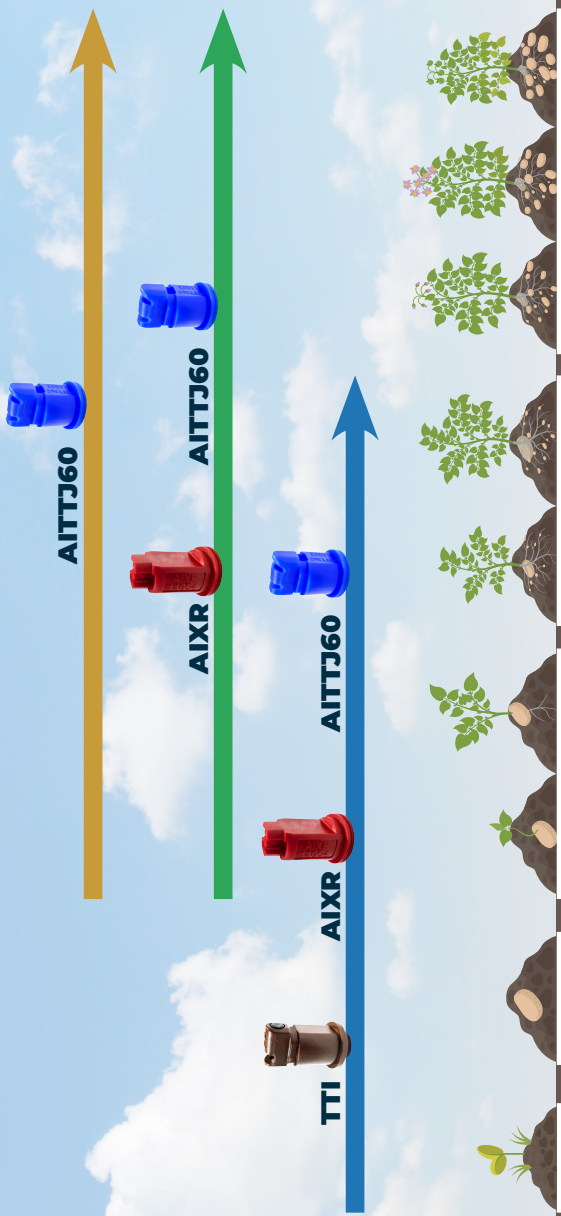
Insecticides

Herbicides

# Nozzle recommendation for Corn



# Nozzle recommendation for Potatoes



Maturity

Tuber Bulking

Tuber initiation

Vegetative Stages

Pre-emergent

Burndown

Fungicides

Insecticides

Herbicides

## BEFORE YOU START:

# CALIBRATE THE SPRAYER

It is extremely difficult to detect spray tip wear. It may not be visible to the eye at 10%, 20% or even 30%.

Rather than relying on visual inspection, calibrate the sprayer to compare the actual flow rate with the flow rate indicated on the product application chart. It's important to calibrate every season and periodically throughout the season.

### Sprayer Calibration:

- Readies your sprayer for operation
- Diagnoses tip wear
- Ensures optimum performance of your TeeJet® tips

### Equipment Needed:

- TeeJet calibration container
- Calculator
- TeeJet cleaning brush
- One new TeeJet spray tip matched to the spray tip on your sprayer
- Stopwatch or wristwatch with second hand

## STEP 1: THE INPUTS

Before spraying, record the following:

Example:

Nozzle type on your sprayer (all nozzles must be identical)	AIXR11004 Flat Spray Tip
Recommended application volume (from manufacturer's label)	190 l/ha
Measured sprayer speed	10 km/h
Nozzle spacing	50 cm

## STEP 2: CALCULATING REQUIRED NOZZLE OUTPUT

Determine l/min nozzle output from formula :

$$\text{Formula: l/min.} = \frac{[(l/ha) \times (km/h) \times (w)]}{60,000}$$

$$\text{Example: l/min} = \frac{(190 \times 10 \times 50)}{60,000}$$

\*W - nozzle spacing in cm

Answer: 1.58 l/min

### STEP 3: SETTING THE CORRECT PRESSURE

- Turn on your sprayer and check for leaks or blockages.
- Inspect and clean, if necessary, all tips and strainers with a TeeJet brush.
- Replace one tip and strainer with an identical new tip and strainer on sprayer boom.
- Check appropriate tip selection table and determine the pressure required to deliver the spray tip output calculated from the formula in Step 2 for your new tip. Since all of the tabulations are based on spraying water, conversion factors must be used when spraying solutions heavier or lighter than water.
- Example: Using the inputs from step 1, refer to the application chart for the AIXR11004 flat spray tip. The table shows that this spray tip delivers 1.58 l/min at 3 bar.
- Turn on your sprayer and adjust pressure.
- Collect and measure the volume of the spray from the new tip for one minute in the collection jar. Fine-tune the pressure until you collect 1.58 l/min. You have now adjusted your sprayer to the proper pressure. It will properly deliver the application rate specified by the chemical manufacturer at your measured sprayer speed.

### STEP 4: CHECKING YOUR SYSTEM & PROBLEM DIAGNOSIS

- Check the flow rate of a few tips on each boom section. If the flow rate of any tip is 10% greater or less than that of the newly installed spray tip, recheck the output of that tip.
- If only one tip is faulty, replace with a new tip and strainer.
- However, if a second tip is defective, replace all tips on the entire boom. This may sound unrealistic, but two worn tips on a boom are ample indication of tip wear problems. Replacing only a couple worn tips invites potentially serious application problems.

# SJ7A

StreamJet

## MAXIMIZE YOUR LIQUID FERTILISER

StreamJet nozzles for liquid fertilisers direct solid streams into the root zone of the crops. This technology minimizes leaf coverage, preventing leaf burn and crop damage. As a result, you will see more even coverage, leading to higher yields and profits.

### Features & Benefits :

- Even, solid streams of equal velocity and capacity with large droplets but minimal impact power
- Wide spray pattern ensures uniform distribution, even when operating at higher boom heights and increased boom sway
- High chemical resistance
- Excellent for application on bare ground and standing crops



**USE WITH:**  
PRE-PLANT &  
POST-PLANT  
LIQUID FERTILISER



**MATERIALS:**  
VISIFLO ACETAL



**PRESSURE:**  
1.5-4 BAR

**SPRAY PATTERN:**  
7 STREAMS

## Application Rate in L/ha with fertiliser Density 1,28kg/L

Nozzles spacing: 50 cm

# SJ7A

Bar	Capacity L/min With Water		Capacity L/min With Fertiliser		Speed (km/h)								Strainer Mesh size	
	4	6	8	10	12	14	16	18	20	25				
SJ7A-015	1.5	0.39	0.35	117	78.0	58.5	46.8	39.0	33.4	29.3	26.0	23.4	18.7	100
	2.0	0.46	0.41	138	92.0	69.0	55.2	46.0	39.4	34.5	30.7	27.6	22.1	
	2.5	0.52	0.46	156	104	78.0	62.4	52.0	44.6	39.0	34.7	31.2	25.0	
	3.0	0.57	0.50	171	114	85.5	68.4	57.0	48.9	42.8	38.0	34.2	27.4	
SJ7A-02	1.5	0.55	0.49	165	110	82.5	66.0	55.0	47.1	41.3	36.7	33.0	26.4	50
	2.0	0.64	0.57	192	128	96.0	76.8	64.0	54.9	48.0	42.7	38.4	30.7	
	2.5	0.72	0.64	216	144	108	86.4	72.0	61.7	54.0	48.0	43.2	34.6	
	3.0	0.80	0.71	240	160	120	96.0	80.0	68.6	60.0	53.3	48.0	38.4	
SJ7A-03	1.5	0.87	0.77	261	174	131	104	87	65.3	52.2	41.8	34.8	29.8	50
	2.0	1.00	0.88	300	200	150	120	100	85.7	75.0	66.7	60.0	48.0	
	2.5	1.10	0.97	330	220	165	132	110	94.3	82.5	73.3	66.0	52.8	
	3.0	1.18	1.04	354	236	177	142	118	101	88.5	78.7	70.8	56.6	
SJ7A-04	1.5	1.17	1.04	351	234	176	140	117	100	87.8	78.0	70.2	56.2	50
	2.0	1.33	1.18	399	266	200	160	133	114	99.8	88.7	79.8	63.8	
	2.5	1.45	1.28	435	290	218	174	145	124	109	96.7	87.0	69.6	
	3.0	1.55	1.37	465	310	233	186	155	133	116	103	93.0	74.4	
SJ7A-05	1.5	1.49	1.32	447	298	224	179	149	128	112	99.3	89.4	71.5	50
	2.0	1.68	1.49	504	336	252	202	168	144	126	112	101	80.6	
	2.5	1.83	1.62	549	366	275	220	183	157	137	122	110	87.8	
	3.0	1.95	1.73	585	390	293	234	195	167	146	130	117	93.6	
SJ7A-06	1.5	1.77	1.57	531	354	266	212	177	152	133	118	106	85.0	50
	2.0	2.01	1.78	603	402	302	241	201	172	151	134	121	96.5	
	2.5	2.19	1.94	657	438	329	263	219	188	164	146	131	105	
	3.0	2.35	2.08	705	470	353	282	235	201	176	157	141	113	
SJ7A-08	1.5	2.28	2.02	684	456	342	274	228	195	171	152	137	109	No strainer
	2.0	2.66	2.35	798	532	399	319	266	228	200	177	160	128	
	2.5	2.94	2.60	882	588	441	353	294	252	221	196	176	141	
	3.0	3.15	2.79	945	630	473	378	315	270	236	210	189	151	
SJ7A-10	1.5	2.84	2.51	852	568	426	341	284	243	213	189	170	136	No strainer
	2.0	3.32	2.94	996	664	498	398	332	285	249	221	199	159	
	2.5	3.67	3.25	1101	734	551	440	367	315	275	245	220	176	
	3.0	3.94	3.49	1182	788	591	473	394	338	296	263	236	189	
SJ7A-15	1.5	4.09	3.62	1227	818	614	491	409	351	307	273	245	196	No strainer
	2.0	4.82	4.27	1446	964	723	578	482	413	362	321	289	231	
	2.5	5.40	4.78	1620	1080	810	648	540	463	405	360	324	259	
	3.0	5.87	5.19	1761	1174	881	704	587	503	440	391	352	282	
4.0	6.58	5.82	1974	1316	987	790	658	564	494	439	395	316		

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

### How to order

Material code  
(VP = Polymer)

Tip type

SJ7A -04 -VP

Capacity size

### Optimum spray height



### Accessories

Extension adapter  
50584-NYB



Hardi/Evrard adapter  
52240-CEL



# AIXR

Air Induction XR TeeJet®









## MOST VERSATILE AIR INDUCTION TIP

The AIXR TeeJet Flat Spray Tip offers excellent drift resistance without compromising spray coverage. AIXR spray tips are suitable for a wide variety of systemic herbicides and applications where drift control is critical.

### Features & Benefits:

- The unique UHMWPE material provides significantly longer wear life and better acid resistance, making the AIXR ideal for highly acidic applications, such as applying defoliation products
- Air-induction design enhances coverage of larger droplets through air inclusion
- A perfect balance of drift control and coverage – precisely sized, large, air-filled drops stay on target and cover the entire plant



<b>USE WITH:</b>  HERBICIDES  SYSTEMIC FUNGICIDES  SYSTEMIC INSECTICIDES	<b>MATERIALS:</b>  VISIFLO ACETAL  VISIFLO CERAMIC
<b>PRESSURE:</b> 1.5-6 BAR	 <b>SPRAY ANGLE:</b> 110°
 <b>SPRAY PATTERN:</b> SINGLE	 <b>LERAP RATING</b> <b>jki</b> 75% - 90% DRIFT REDUCTION

## Application Rate: L/ha

Nozzle spacing: 50 cm

AIXR	Bar	Drop size	Capacity L/min	Speed (km/h)										Strainer Mesh size	Cap & gasket
				5	6	7	8	10	12	14	16	18	20		
AIXR110015	1.0	C	0.34	81.6	68.0	58.3	51.0	40.8	34.0	29.2	25.5	22.7	20.4	100	T14441A-5-CELLR
	2.0	C	0.48	144	115	96.0	82.3	57.6	48.0	41.2	36.0	32.0	28.8		
	3.0	C	0.59	177	142	118	101	70.8	59.0	50.6	44.3	39.3	35.4		
	4.0	M	0.68	204	163	136	117	81.6	68.0	58.3	51.0	45.3	40.8		
	5.0	M	0.76	228	182	152	130	91.2	76.0	65.2	57.0	50.7	45.6		
	6.0	M	0.83	249	199	166	142	99.6	83.0	71.2	62.3	55.3	49.8		
AIXR11002	1.0	VC	0.46	110	92.0	78.9	69.0	55.2	46.0	39.5	34.5	30.7	27.6	50	T14441A-6-CELLR
	2.0	VC	0.65	156	130	111	97.5	78.0	65.0	55.8	48.8	43.3	39.0		
	3.0	C	0.79	190	158	135	119	94.8	79.0	67.8	59.3	52.7	47.4		
	4.0	M	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6		
	5.0	M	1.02	245	204	175	153	122	102	87.5	76.5	68.0	61.2		
	6.0	M	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2		
AIXR110025	1.0	VC	0.57	137	114	97.7	85.5	68.4	57.0	48.9	42.8	38.0	34.2	50	T14441A-10-CELLR
	2.0	VC	0.81	194	162	139	122	97.2	81.0	69.5	60.8	54.0	48.6		
	3.0	C	0.99	238	198	170	149	119	99.0	84.9	74.3	66.0	59.4		
	4.0	M	1.14	274	228	195	171	137	114	97.8	85.5	76.0	68.4		
	5.0	M	1.28	307	256	219	192	154	128	110	96.0	85.3	76.8		
	6.0	M	1.40	336	280	240	210	168	140	120	105	93.3	84.0		
AIXR11003	1.0	VC	0.68	163	136	117	102	81.6	68.0	58.3	51.0	45.3	40.8	50	T14441A-4-CELLR
	2.0	VC	0.96	230	192	165	144	115	96.0	82.3	72.0	64.0	57.6		
	3.0	C	1.18	283	236	202	177	142	118	101	88.5	78.7	70.8		
	4.0	M	1.36	326	272	233	204	163	136	117	102	90.7	81.6		
	5.0	M	1.52	365	304	261	228	182	152	130	114	101	91.2		
	6.0	M	1.67	401	334	286	251	200	167	143	125	111	100		
AIXR11004	1.0	VC	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6	50	T14441A-3-CELLR
	2.0	VC	1.29	310	258	221	194	155	129	111	96.8	86.0	77.4		
	3.0	C	1.58	379	316	271	237	190	158	135	119	105	94.8		
	4.0	C	1.82	437	364	312	273	218	182	156	137	121	109		
	5.0	M	2.04	490	408	350	306	245	204	175	153	136	122		
	6.0	M	2.23	535	446	382	335	268	223	191	167	149	134		
AIXR11005	1.0	VC	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4	50	T14441A-7-CELLR
	2.0	VC	1.61	386	322	276	242	193	161	138	121	107	96.6		
	3.0	VC	1.97	473	394	338	296	236	197	169	148	131	118		
	4.0	C	2.27	545	454	389	341	272	227	194	170	151	136		
	5.0	C	2.54	610	508	435	381	305	254	218	191	169	152		
	6.0	M	2.79	670	558	478	419	335	279	239	209	186	167		
AIXR11006	1.0	XC	1.37	329	274	235	206	164	137	117	103	91.3	82.2	50	T14441A-9-CELLR
	2.0	VC	1.94	466	388	333	291	233	194	166	146	129	116		
	3.0	VC	2.37	569	474	406	356	284	237	203	178	158	142		
	4.0	C	2.74	658	548	470	411	329	274	235	206	183	164		
	5.0	C	3.06	734	612	525	459	367	306	262	230	204	184		
	6.0	C	3.35	804	670	574	503	402	335	287	251	223	201		
AIXR11008*	1.0	XC	1.82	437	364	312	273	218	182	156	137	121	109	50	T14443A-2-CELLR
	2.0	XC	2.58	619	516	442	387	310	258	221	194	172	155		
	3.0	VC	3.16	758	632	542	474	379	316	271	237	211	190		
	4.0	VC	3.65	876	730	626	548	438	365	313	274	243	219		
	5.0	C	4.08	979	816	699	612	490	408	350	306	272	245		
	6.0	C	4.47	1073	894	766	671	536	447	383	335	298	268		

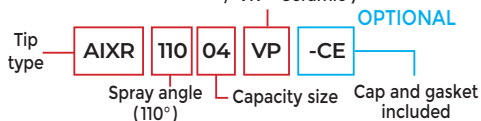
Note: Always double check your application rates. Tabulations are based on spraying water at 70° F (21°C). Droplet size data based on ISO 25358.  
 \* Only available in Visiflo Polymer.

### Droplet size classification



### How to order

Material code (VP = Polymer / VK = Ceramic)



### Optimum spray height





Turbo TeeJet® Induction







# SUPERIOR DRIFT CONTROL FOR RESPONSIBLE & ACCURATE APPLICATION

TTI spray tips provide extremely large air-filled droplets for maximum drift control with less than 2% of driftable fines\*. They also offer improved wear life and minimized plugging due to large, round, passages and orifices.

## Features & Benefits:

- Ultra coarse droplets across a wide range of operating pressures
- Specifically designed to maximize drift control
- Precise application eliminates weeds with minimal drift



<p><b>USE WITH:</b>   SYSTEMIC &amp; SOIL-APPLIED HERBICIDES   BROADCAST &amp; NON-FOLIAR FERTILISERS</p>	<p><b>VP</b> MATERIALS: VISIFLO ACETAL</p>
<p><b>PRESSURE:</b> 1-7 BAR</p>	<p> <b>SPRAY ANGLE:</b> 110°    PWM COMPATIBLE</p>
<p> <b>SPRAY PATTERN:</b> SINGLE</p>	<p> LERAP RATING   <b>JKI</b> 90% DRIFT REDUCTION</p>

\*Driftable droplets defined as less than 150 microns. Based on spraying water at 2.8 bar.



### Application Rate: L/ha Nozzle spacing: 50 cm

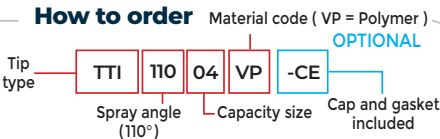
Bar	Drop size	Capacity L/min	Speed (km/h)										Strainer Mesh size	Cap & gasket	
			5	6	7	8	10	12	14	16	18	20			
TTI10001	1.0	UC	0.23	55.2	46.0	39.4	34.5	27.6	23.0	19.7	17.3	15.3	13.8	100	115835A-8-CELR
	2.0	UC	0.32	76.8	64.0	54.9	48.0	38.4	32.0	27.4	24.0	21.3	19.2		
	3.0	XC	0.39	93.6	78.0	66.9	58.5	46.8	39.0	33.4	29.3	26.0	23.4		
	4.0	VC	0.45	108	90.0	77.1	67.5	54.0	45.0	38.6	33.8	30.0	27.0		
	5.0	VC	0.50	120	100	85.7	75.0	60.0	50.0	42.9	37.5	33.3	30.0		
	6.0	VC	0.55	132	110	94.3	82.5	66.0	55.0	47.1	41.3	36.7	33.0		
	7.0	C	0.60	144	120	103	90.0	72.0	60.0	51.4	45.0	40.0	36.0		
TTI10015	1.0	UC	0.34	81.6	68.0	58.3	51.0	40.8	34.0	29.1	25.5	22.7	20.4	100	115835A-5-CELR
	2.0	UC	0.48	115	96.0	82.3	72.0	57.6	48.0	41.1	36.0	32.0	28.8		
	3.0	XC	0.59	142	118	101	88.5	70.8	59.0	50.6	44.3	39.3	35.4		
	4.0	XC	0.68	163	136	117	102	81.6	68.0	58.3	51.0	45.3	40.8		
	5.0	VC	0.76	182	152	130	114	91.2	76.0	65.1	57.0	50.7	45.6		
	6.0	VC	0.83	199	166	142	125	99.6	83.0	71.1	62.3	55.3	49.8		
	7.0	VC	0.90	216	180	154	135	108	90.0	77.1	67.5	60.0	54.0		
TTI1002	1.0	UC	0.46	110	92.0	78.9	69.0	55.2	46.0	39.4	34.5	30.7	27.6	50	115835A-6-CELR
	2.0	UC	0.65	156	130	111	97.5	78.0	65.0	55.7	48.8	43.3	39.0		
	3.0	XC	0.79	190	158	135	119	94.8	79.0	67.7	59.3	52.7	47.4		
	4.0	XC	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6		
	5.0	VC	1.02	245	204	175	153	122	102	87.4	76.5	68.0	61.2		
	6.0	VC	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2		
	7.0	VC	1.21	290	242	207	182	145	121	104	90.8	80.7	72.6		
TTI10025	1.0	UC	0.57	137	114	97.7	85.5	68.4	57.0	48.9	42.8	38.0	34.2	50	115835A-10-CELR
	2.0	UC	0.81	194	162	139	122	97.2	81.0	69.4	60.8	54.0	48.6		
	3.0	XC	0.99	238	198	170	149	119	99.0	84.9	74.3	66.0	59.4		
	4.0	XC	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4		
	5.0	VC	1.28	307	256	219	192	154	128	110	96.0	85.3	76.8		
	6.0	VC	1.40	336	280	240	210	168	140	120	105	93.3	84.0		
	7.0	VC	1.51	362	302	259	227	181	151	129	113	101	90.6		
TTI1003	1.0	UC	0.68	163	136	117	102	81.6	68.0	58.3	51.0	45.3	40.8	50	115835A-4-CELR
	2.0	UC	0.96	230	192	165	144	115	96.0	82.3	72.0	64.0	57.6		
	3.0	XC	1.18	283	236	202	177	142	118	101	88.5	78.7	70.8		
	4.0	XC	1.36	326	272	233	204	163	136	117	102	90.7	81.6		
	5.0	VC	1.52	365	304	261	228	182	152	130	114	101	91.2		
	6.0	VC	1.67	401	334	286	251	200	167	143	125	111	100		
	7.0	VC	1.80	432	360	309	270	216	180	154	135	120	108		
TTI1004	1.0	UC	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6	50	115835A-3-CELR
	2.0	UC	1.29	310	258	221	194	155	129	111	96.8	86.0	77.4		
	3.0	XC	1.58	379	316	271	237	190	158	135	119	105	94.8		
	4.0	XC	1.82	437	364	312	273	218	182	156	137	121	109		
	5.0	VC	2.04	490	408	350	306	245	204	175	153	136	122		
	6.0	VC	2.23	535	446	382	335	268	223	191	167	149	134		
	7.0	VC	2.41	578	482	413	362	289	241	207	181	161	145		
TTI1005	1.0	UC	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4	50	115835A-7-CELR
	2.0	UC	1.61	386	322	276	242	193	161	138	121	107	96.6		
	3.0	XC	1.97	473	394	338	296	236	197	169	148	131	118		
	4.0	XC	2.27	545	454	389	341	272	227	195	170	151	136		
	5.0	VC	2.54	610	508	435	381	305	254	218	191	169	152		
	6.0	VC	2.79	670	558	478	419	335	279	239	209	186	167		
	7.0	VC	3.01	722	602	516	452	361	301	258	226	201	181		
TTI1006	1.0	UC	1.37	329	274	235	206	164	137	117	103	91.3	82.2	50	115835A-9-CELR
	2.0	UC	1.94	466	388	333	291	233	194	166	146	129	116		
	3.0	XC	2.37	569	474	406	356	284	237	203	178	158	142		
	4.0	XC	2.74	658	548	470	411	329	274	235	206	183	164		
	5.0	VC	3.06	734	612	525	459	367	306	262	230	204	184		
	6.0	VC	3.35	804	670	574	503	402	335	287	251	223	201		
	7.0	C	3.62	869	724	621	543	434	362	310	272	241	217		

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

### Droplet size classification



### How to order



### Optimum spray height



# AITTJ60

Air Induction Turbo TwinJet®








## COARSE AIR INDUCTED DROPLETS FOR OPTIMAL COVERAGE

The AITTJ60 is the best choice if you find yourself spraying in less than ideal, windy conditions. The air induction technology in this tip produces coarser drift resistant droplets while still offering the coverage benefit of a twin spray pattern. This combination offers excellent leaf coverage in cereal crops for late season disease control.

### Features & Benefits

- TeeJet's exclusive Turbo design
- 60° Twin flat fan improves coverage and penetration
- Turbo technology and Air produces coarse droplets to resist drift
- Removeable insert for easy cleaning



<b>USE WITH:</b>  SYSTEMIC HERBICIDES  SYSTEMIC FUNGICIDES  SYSTEMIC INSECTICIDES	<b>VP</b> <b>MATERIALS:</b> VISIFLO ACETAL
<b>PRESSURE:</b> 1.5-6 BAR	 <b>SPRAY ANGLE:</b> 110°
 <b>SPRAY PATTERN:</b> TWIN FAN 60°	 PWM COMPATIBLE
	 LERAP RATING <b>JKI</b> 75% - 90% DRIFT REDUCTION

Application Rate: L/ha Nozzle spacing: 50 cm

# AITTJ60

Bar	Drop size	Capacity L/min	Speed (km/h)										Strainer Mesh size	Cap & gasket	
			5	6	7	8	10	12	14	16	18	20			
AITTJ60-11002	1.5	XC	0.56	134	112	96.0	84.0	67.2	56.0	48.0	42.0	37.3	33.6	100	114443A-6-CELR
	2.0	VC	0.65	156	130	111	97.5	78.0	65.0	55.7	48.8	43.3	39.0		
	3.0	VC	0.79	190	158	135	119	94.8	79.0	67.7	59.3	52.7	47.4		
	4.0	C	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6		
	5.0	C	1.02	245	204	175	153	122	102	87.4	76.5	68.0	61.2		
	6.0	M	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2		
AITTJ60-110025	1.5	XC	0.70	168	140	120	105	84.0	70.0	60.0	52.5	46.7	42.0	100	114443A-10-CELR
	2.0	VC	0.81	194	162	139	122	97.2	81.0	69.4	60.8	54.0	48.6		
	3.0	VC	0.99	238	198	170	149	119	99.0	84.9	74.3	66.0	59.4		
	4.0	C	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4		
	5.0	C	1.28	307	256	219	192	154	128	110	96.0	85.3	76.8		
	6.0	C	1.40	336	280	240	210	168	140	120	105	93.3	84.0		
AITTJ60-11003	1.5	XC	0.83	199	166	142	125	99.6	83.0	71.1	62.3	55.3	49.8	50	114443A-4-CELR
	2.0	XC	0.96	230	192	165	144	115	96.0	82.3	72.0	64.0	57.6		
	3.0	VC	1.18	283	236	202	177	142	118	101	88.5	78.7	70.8		
	4.0	C	1.36	326	272	233	204	163	136	117	102	90.7	81.6		
	5.0	C	1.52	365	304	261	228	182	152	130	114	101	91.2		
	6.0	C	1.67	401	334	286	251	200	167	143	125	111	100		
AITTJ60-11004	1.5	XC	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2	50	114443A-3-CELR
	2.0	XC	1.29	310	258	221	194	155	129	111	96.8	86	77.4		
	3.0	VC	1.58	379	316	271	237	142	118	135	119	105	94.8		
	4.0	C	1.82	437	364	312	273	163	182	156	137	121	109		
	5.0	C	2.04	490	408	350	306	245	204	175	153	136	122		
	6.0	C	2.23	535	446	382	335	268	223	191	167	149	134		
AITTJ60-11005	1.5	XC	1.39	334	278	238	209	167	139	119	104	92.7	83.4	50	114443A-7-CELR
	2.0	XC	1.61	386	322	276	242	193	161	138	121	107	96.6		
	3.0	VC	1.97	473	394	338	296	236	197	169	148	131	118		
	4.0	VC	2.27	545	454	389	341	272	227	195	170	151	136		
	5.0	C	2.54	610	508	435	381	305	254	218	191	169	152		
	6.0	C	2.79	670	558	478	419	335	279	239	209	186	167		
AITTJ60-11006	1.5	XC	1.68	403	336	288	252	202	168	144	126	112	101	50	114443A-9-CELR
	2.0	XC	1.94	466	388	333	291	233	194	166	146	129	116		
	3.0	VC	2.37	569	474	406	356	284	237	203	178	158	142		
	4.0	VC	2.74	658	548	470	411	329	274	235	206	183	164		
	5.0	C	3.06	734	612	525	459	367	306	262	230	204	184		
	6.0	C	3.35	804	670	574	503	402	335	287	251	223	201		
AITTJ60-11008	1.5	UC	2.23	535	446	382	335	268	223	191	167	149	134	50	114502A-2-CELR
	2.0	UC	2.58	619	516	442	387	310	258	221	194	172	155		
	3.0	XC	3.16	758	632	542	474	379	316	271	237	211	190		
	4.0	XC	3.65	876	730	626	548	438	365	313	274	243	219		
	5.0	VC	4.08	979	816	699	612	490	408	350	306	272	245		
	6.0	VC	4.47	1073	894	766	671	536	447	383	335	298	268		
AITTJ60-11010	1.5	UC	2.79	670	558	478	419	335	279	239	209	186	167	50	114502A-11-CELR
	2.0	UC	3.23	775	646	554	485	388	323	277	242	215	194		
	3.0	XC	3.95	948	790	677	593	474	395	339	296	263	237		
	4.0	XC	4.56	1094	912	782	684	547	456	391	342	304	274		
	5.0	VC	5.10	1224	1020	874	765	612	510	437	383	340	306		
	6.0	VC	5.59	1342	1118	958	839	671	559	479	419	373	335		

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

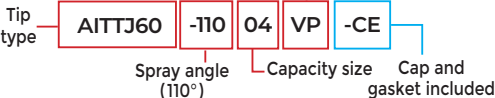
## Droplet size classification



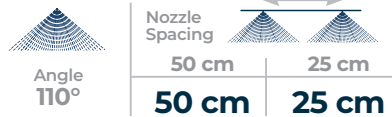
## How to order

Material code (VP = Polymer)

OPTIONAL



## Optimum spray height



# TTJ60

Turbo TwinJet®







## IDEAL COVERAGE & TURBO-CHARGED DROPLETS

The TTJ60 produces a symmetrical twin spray pattern which provides superior coverage of small, hard-to-reach vertical targets. Due to the unique Turbo construction of the spray tip, it produces optimally-sized droplets for high coverage, with anti-drift characteristics resulting in a high quality spray application.

### Features & Benefits:

- Twin fan provides uniform coverage and penetration to the canopy
- Consistent droplet size spectrum and less driftable droplets for better coverage
- Medium to very coarse drift-resistant Turbo droplets



<b>USE WITH:</b>  CONTACT HERBICIDES  CONTACT FUNGICIDES  CONTACT INSECTICIDES	<b>VP</b> <b>MATERIALS:</b> VISIFLO ACETAL
<b>PRESSURE:</b> 1.5-6 BAR	 <b>SPRAY ANGLE:</b> 110°
 <b>SPRAY PATTERN:</b> TWIN FAN 60°	 PWM COMPATIBLE

# TTJ60

Application Rate: L/ha

Nozzle spacing: 50 cm

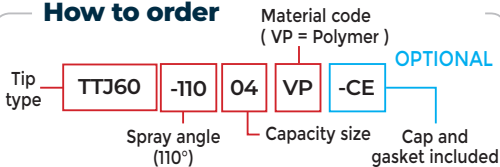
Bar	Drop size	Capacity L/min	Speed (km/h)										Strainer Mesh size	Cap & gasket	
			5	6	7	8	10	12	14	16	18	20			
TTJ60-11002	1.5	C	0.56	134	112	96.0	84.0	67.2	56.0	48.0	42.0	37.3	33.6	100	TT4441A-6-CELLR
	2.0	C	0.65	156	130	111	97.5	78.0	65.0	55.7	48.8	43.3	39.0		
	3.0	M	0.79	190	158	135	119	94.8	79.0	67.7	59.3	52.7	47.4		
	4.0	M	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6		
	5.0	M	1.02	245	204	175	153	122	102	87.4	76.5	68.0	61.2		
	6.0	M	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2		
TTJ60-110025	1.5	VC	0.70	168	140	120	105	84.0	70.0	60.0	52.5	46.7	42.0	100	TT4441A-10-CELLR
	2.0	C	0.81	194	162	139	122	97.2	81.0	69.4	60.8	54.0	48.6		
	3.0	C	0.99	238	198	170	149	119	99.0	84.9	74.3	66.0	59.4		
	4.0	M	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4		
	5.0	M	1.28	307	256	219	192	154	128	110	96.0	85.3	76.8		
	6.0	M	1.40	336	280	240	210	168	140	120	105	93.3	84.0		
TTJ60-11003	1.5	VC	0.83	199	166	142	125	99.6	83.0	71.1	62.3	55.3	49.8	100	TT4441A-4-CELLR
	2.0	C	0.96	230	192	165	144	115	96.0	82.3	72.0	64.0	57.6		
	3.0	C	1.18	283	236	202	177	142	118	101	88.5	78.7	70.8		
	4.0	M	1.36	326	272	233	204	163	136	117	102	90.7	81.6		
	5.0	M	1.52	365	304	261	228	182	152	130	114	101	91.2		
	6.0	M	1.67	401	334	286	251	200	167	143	125	111	100		
TTJ60-11004	1.5	VC	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2	50	TT4441A-3-CELLR
	2.0	C	1.29	310	258	221	194	155	129	111	96.8	86.0	77.4		
	3.0	C	1.58	379	316	271	237	190	158	135	119	105	94.8		
	4.0	M	1.82	437	364	312	273	218	182	156	137	121	109		
	5.0	M	2.04	490	408	350	306	245	204	175	153	136	122		
	6.0	M	2.23	535	446	382	335	268	223	191	167	149	134		
TTJ60-11005	1.5	VC	1.39	334	278	238	209	167	139	119	104	92.7	83.4	50	TT4441A-7-CELLR
	2.0	C	1.61	386	322	276	242	193	161	138	121	107	96.6		
	3.0	C	1.97	473	394	338	296	236	197	169	148	131	118		
	4.0	M	2.27	545	454	389	341	272	227	195	170	151	136		
	5.0	M	2.54	610	508	435	381	305	254	218	191	169	152		
	6.0	M	2.79	670	558	478	419	335	279	239	209	186	167		
TTJ60-11008	1.5	VC	1.68	403	336	288	252	202	168	144	126	112	101	50	TT4441A-9-CELLR
	2.0	C	1.94	466	388	333	291	233	194	166	146	129	116		
	3.0	C	2.37	569	474	406	356	284	237	203	178	158	142		
	4.0	M	2.74	658	548	470	411	329	274	235	206	183	164		
	5.0	M	3.06	734	612	525	459	367	306	262	230	204	184		
	6.0	M	3.35	804	670	574	503	402	335	287	251	223	201		
TTJ60-11010	1.5	VC	2.23	535	446	382	335	268	223	191	167	149	134	50	TT4441A-2-CELLR
	2.0	C	2.58	619	516	442	387	310	258	221	194	172	155		
	3.0	C	3.16	758	632	542	474	379	316	271	237	211	190		
	4.0	M	3.65	876	730	626	548	438	365	313	274	243	219		
	5.0	M	4.08	979	816	699	612	490	408	350	306	272	245		
	6.0	M	4.47	1073	894	766	671	536	447	383	335	298	268		
TTJ60-110010	1.5	VC	2.79	670	558	478	419	335	279	239	209	186	167	50	TT4441A-11-CELLR
	2.0	VC	3.23	775	646	554	485	388	323	277	242	215	194		
	3.0	C	3.95	948	790	677	593	474	395	339	296	263	237		
	4.0	M	4.56	1094	912	782	684	547	456	391	342	304	274		
	5.0	M	5.10	1224	1020	874	765	612	510	437	383	340	306		
	6.0	M	5.59	1342	1118	958	839	671	559	479	419	373	335		

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

## Droplet size classification



## How to order



## Optimum spray height



# XR

Extended Range










## MULTIPURPOSE SPRAY TIP FOR WHEN COVERAGE IS CRITICAL

A broad range of capacities is available to cover your volume needs. Take advantage of the 80° XR tip if you work with lower boom height and tighter spray tip spacing.

### Features & Benefits

- Excellent spray distribution over a wide pressure range
- Fine droplet application
- Ceramic is available with corrosive resistant polypropylene VisiFlo colour-coded tip holder in 80° capacities 03-08 and 110° capacities 02-08.



<p><b>USE WITH:</b></p> <p> CONTACT FUNGICIDES</p> <p> CONTACT INSECTICIDES</p>	<p><b>MATERIALS:</b></p> <p> VISIFLO ACETAL</p> <p> VISIFLO STAINLESS STEEL</p> <p> VISIFLO CERAMIC</p> <p> STAINLESS STEEL</p>
<p><b>PRESSURE:</b></p> <p>1-4 BAR</p>	<p> <b>SPRAY ANGLE:</b></p> <p>80°, 110°</p>
<p> <b>SPRAY PATTERN:</b></p> <p>SINGLE</p>	<p> PWM</p> <p>COMPATIBLE</p>

## Application Rate: L/ha

Nozzle spacing: 50 cm

XR bar	Drop size		Capacity L/min	Speed (km/h)								Strainer Mesh size	Cap & gasket			
	80°	110°		5	6	7	8	10	12	14	16			18	20	
XR80015 XR110015	1.0	M	M	0.34	81.6	68.0	58.3	51.0	40.8	34.0	29.1	25.5	22.7	20.4	100	114411A-5-CELIR
	1.5	F	F	0.42	101	84.0	72.0	63.0	50.4	42.0	36.0	31.5	28.0	25.2		
	2.0	F	F	0.48	115	96.0	82.3	72.0	57.6	48.0	41.1	36.0	32.0	28.8		
	2.5	F	F	0.54	130	108	92.6	81.0	64.8	54.0	46.3	40.5	36.0	32.4		
	3.0	F	F	0.59	142	118	101	88.5	70.8	59.0	50.6	44.3	39.3	35.4		
	4.0	F	F	0.68	163	136	117	102	81.6	68.0	58.3	51.0	45.3	40.8		
XR8002 XR11002	1.0	M	M	0.46	110	92.0	78.9	69.0	55.2	46.0	39.4	34.5	30.7	27.6	50	114411A-6-CELIR
	1.5	M	M	0.56	134	112	96.0	84.0	67.2	56.0	48.0	42.0	37.3	33.6		
	2.0	F	F	0.65	156	130	111	97.5	78.0	65.0	55.7	48.8	43.3	39.0		
	2.5	F	F	0.72	173	144	123	108	86.4	72.0	61.7	54.0	48.0	43.2		
	3.0	F	F	0.79	190	158	135	119	94.8	79.0	67.7	59.3	52.7	47.4		
	4.0	F	F	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6		
XR80025 XR110025	1.0	M	M	0.57	137	114	97.7	85.5	68.4	57.0	48.9	42.8	38.0	34.2	50	114411A-10-CELIR
	1.5	M	M	0.70	168	140	120	105	84.0	70.0	60.0	52.5	46.7	42.0		
	2.0	M	M	0.81	194	162	139	122	97.2	81.0	69.4	60.8	54.0	48.6		
	2.5	F	F	0.90	216	180	154	135	108	90.0	77.1	67.5	60.0	54.0		
	3.0	F	F	0.99	238	198	170	149	119	99.0	84.9	74.3	66.0	59.4		
	4.0	F	F	1.14	274	228	195	171	137	114.0	97.7	85.5	76.0	68.4		
XR8003 XR11003	1.0	M	M	0.68	163	136	117	102	81.6	68.0	58.3	51.0	45.3	40.8	50	114411A-4-CELIR
	1.5	M	M	0.83	199	166	142	125	99.6	83.0	71.1	62.3	55.3	49.8		
	2.0	M	M	0.96	230	192	165	144	115	96.0	82.3	72.0	64.0	57.6		
	2.5	M	M	1.08	259	216	185	162	130	108	92.6	81.0	72.0	64.8		
	3.0	F	F	1.18	283	236	202	177	142	118	101	88.5	78.7	70.8		
	4.0	F	F	1.36	326	272	233	204	163	136	117	102	90.7	81.6		
XR80035	1.0	M		0.80	192	160	137	120	96.0	80.0	68.6	60.0	53.3	48.0	50	114411A-3-CELIR
	1.5	M		0.98	235	196	168	147	118	98.0	84.0	73.5	65.3	58.8		
	2.0	M		1.13	271	226	194	170	136	113	97.0	84.8	75.3	67.8		
	2.5	M		1.26	302	252	216	189	151	126	108	95.0	84.0	75.6		
	3.0	M		1.38	331	276	237	207	166	138	118	104	92.0	82.8		
	4.0	F		1.59	382	318	273	239	191	159	136	119	106	95.0		
XR8004 XR11004	1.0	M	M	0.91	218	182	156	137	109	91.0	78.0	68.3	60.7	54.6	50	114411A-3-CELIR
	1.5	M	M	1.12	269	224	192	168	134	112	96.0	84.0	74.7	67.2		
	2.0	M	M	1.29	310	258	221	194	155	129	111	96.8	86.0	77.4		
	2.5	M	M	1.44	346	288	247	216	173	144	123	108	96.0	86.4		
	3.0	M	M	1.58	379	316	271	237	190	158	135	119	105	94.8		
	4.0	F	F	1.82	437	364	312	273	218	182	156	137	121	109		
XR8005 XR11005	1.0	C	M	1.14	274	228	195	171	137	114	97.7	85.5	76.0	68.4	50	11443A-7-CELIR
	1.5	M	M	1.39	334	278	238	209	167	139	119	104	92.7	83.4		
	2.0	M	M	1.61	386	322	276	242	193	161	138	121	107	96.6		
	2.5	M	M	1.80	432	360	309	270	216	180	154	135	120	108		
	3.0	M	M	1.97	473	394	338	296	236	197	169	148	131	118		
	4.0	F	F	2.27	545	454	389	341	272	227	195	170	151	136		
XR8006 XR11006	1.0	C	C	1.37	329	274	235	206	164	137	117	103	91.3	82.2	50	11443A-9-CELIR
	1.5	C	M	1.68	403	336	288	252	202	168	144	126	112	101		
	2.0	M	M	1.94	466	388	333	291	233	194	166	146	129	116		
	2.5	M	M	2.16	518	432	370	324	259	216	185	162	144	130		
	3.0	M	M	2.37	569	474	406	356	284	237	203	178	158	142		
	4.0	M	M	2.74	658	548	470	411	329	274	235	206	183	164		

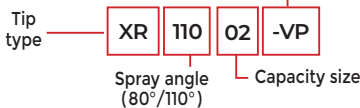
Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

### Droplet size classification



### How to order

Material code (VP = Polymer / VK = Ceramic / VS = Stainless Steel)



### Optimum spray height

Angle	Nozzle Spacing	
	50 cm	25 cm
110°	50 cm	-
80°	75 cm	25 cm

# LERAPS DRIFT APPROVED NOZZLES

Nozzle part number	Capacity	1 Bar		2 Bar		3 Bar		5 Bar		7 Bar	
		1,5 Bar	2,5 Bar	4 Bar	6 Bar						
	AIXR-110025 VP 025	3★	2★	2★	2★						
	AIXR-11003 VP 03	3★	2★	2★	2★						
	AIXR-11004 VP 04	3★	3★	2★	2★	2★					
	AIXR-11005 VP 05	3★	3★	2★	2★	2★					
	AIXR-11006 VP 06	3★	3★	2★	2★						
	TTI-11002 VP 02		3★		3★	2★	2★				
	TTI-110025 VP 025		3★		3★	2★					
	TTI-11003 VP 03		3★		3★	2★					
	TTI-11004 VP 04		3★		3★	2★					
	TTI-11005 VP 05		3★		3★	2★					
	TTI-11006 VP 06		3★		3★	2★	2★				
	AITTJ60-11002 VP 02	3★	2★	2★	2★						
	AITTJ60-110025 VP 025	3★	2★	2★							
	AITTJ60-11003 VP 03	3★	2★	2★	2★						
	AITTJ60-11004 VP 04	3★		2★	2★						
	AITTJ60-11005 VP 05	3★		2★	2★						
	TTJ60-110025 VP 025		2★	2★							
	TTJ60-11003 VP 03		2★	2★							
	TTJ60-11004 VP 04		2★	2★							
	TTJ60-11005 VP 05		2★	2★							

## Droplet size classification



# JKI DRIFT APPROVED NOZZLES

Nozzle part number Capacity 1 Bar 2 Bar 3 Bar 5 Bar 7 Bar

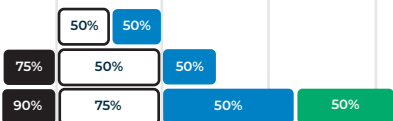
1,5 Bar 2,5 Bar 4 Bar 6 Bar



AIXR-11003 VP 03

AIXR-11004 VP 04

AIXR-11005 VP 05



TTI-11002 VP 02

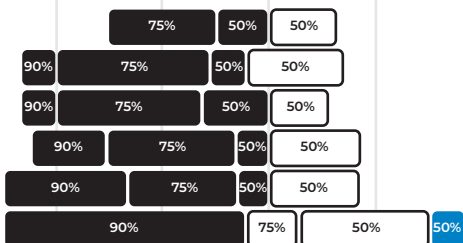
TTI-110025 VP 025

TTI-11003 VP 03

TTI-11004 VP 04

TTI-11005 VP 05

TTI-11006 VP 06

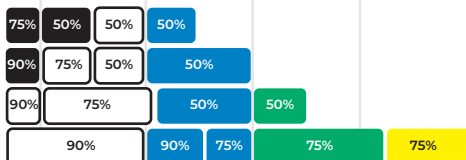


AITTJ60-11003 VP 03

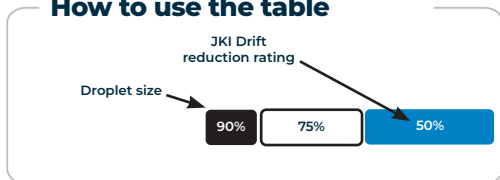
AITTJ60-11004 VP 04

AITTJ60-11005 VP 05

AITTJ60-11006 VP 06



## How to use the table



## Droplet size classification



UC  
Ultra Coarse



XC  
Extremely Coarse



VC  
Very Coarse



C  
Coarse



M  
Medium

All TeeJet nozzles in this table are certified for agricultural spray application by the JKI Institute. For more information, please contact your TeeJet specialist.

# BOOM COMPONENTS

## MASTER & REGULATION VALVES



Master Valve  
344BEC-2F75-P



Regulation Valve  
346BPR Series



CAN Valve  
B346CPR-36-03Q

## SECTION VALVES



530AM-2  
Manual valve



430 3-Way  
Single valve



530AEC-3  
Electric Valve

## FLOW METERS



D series  
Flow Meters



801 & 802  
Flow Meters

## NOZZLE BODIES



QJ370  
Nozzle body



QJ24216B  
Nozzle body



QJ17560A  
Nozzle body

## NOZZLE BODY SHUTOFF VALVES



AIR CHEMSAVER Valve  
55300



DYNAJET Valve  
191500



ECOSTOP Valve  
116950

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2. Set Parameters (nozzle spacing, speed, application rate, etc.)
3. Click **FIND SPRAY TIPS** and a list of tip recommendations is provided.



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