

# Teejet TP Nozzle



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**GENUINE  
ACCESSORIES**

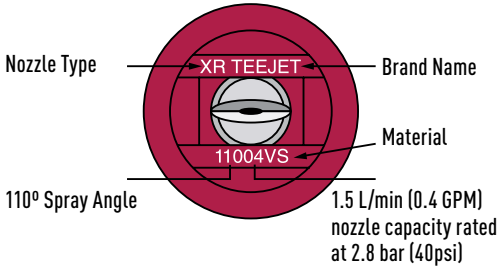
**Silvan**

Nozzle selection and maintenance are two of the most important aspects of accurate and efficient spray application. Selecta offers the largest range of nozzles from leading brands to suit your needs.



## HOW TO READ AND IDENTIFY A NOZZLE

Each nozzle has a code embossed on its surface allowing the following information to be identified.



## NOZZLE MATERIAL

A variety of materials are available which differ by resistance to wear summarised below.

**Strongest:** VK (Ceramic), VS, SS (Stainless Steel)

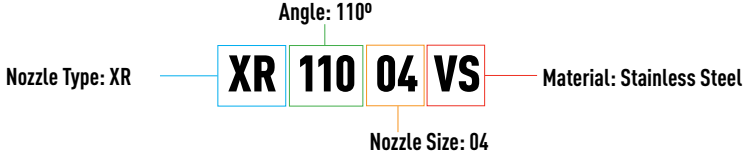
**Moderate:** VP (Polymer)

**Soft:** VB (Brass)

*Nozzles wear is increased when using abrasive chemicals, higher pressures or through heavy use.*

## NOZZLE CODE EXPLANATION

Example of XR Nozzle 110° spray angle, 04 size made Stainless steel (VS).



KEY	
DROPLET SIZE COLOUR REFERENCE	
VERY FINE	VF
FINE	F
MEDIUM	M
COARSE	C
VERY COARSE	VC
EXTRA COARSE	XC
ULTRA COARSE	UC

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

## NOZZLE DROPLET SIZE

When selecting a suitable nozzle the droplet size is critical to ensure chemical is applied to target instead of being miss-applied as drift. Finer droplet sizes ensure improved coverage however they are also more prone to drift and conversely larger droplets are less prone to drift.

Droplet sizes are defined by ISO standards ranging from Very Fine to Ultra coarse.

Droplet size follow two trends:

- As pressure increases droplet sizes decreases
- Larger size nozzles provide larger droplets and increased flow

Nozzle	XR TeeJet and XRC TeeJet							Nozzle
	BAR							
	1	1.5	2	2.5	3	3.5	4	
XR8001	M	F	F	F	F	F	F	Small Nozzle
XR80015	M	M	F	F	F	F	F	
XR8002	M	M	M	M	F	F	F	
XR8003	M	M	M	M	M	M	M	
XR8004	C	M	M	M	M	M	M	Large Nozzle
XR8005	C	C	C	M	M	M	M	
XR8006	C	C	C	C	C	C	C	
XR8008	VC	VC	C	C	C	C	C	

Low Pressure      High Pressure

## Nozzles and Accessories

### TYPICAL APPLICATION RATES FOR NOZZLES SPACED 50CM APART

MESH SIZE	CODE	LIQ PRES BAR	CAP. L/MIN	APPLICATION RATE: LITRES PER HECTARE AT KM/H													
				4 KM/H	5 KM/H	6 KM/H	7 KM/H	8 KM/H	10 KM/H	12 KM/H	16 KM/H	18 KM/H	20 KM/H	25 KM/H	30 KM/H	35 KM/H	
100 Mesh*	01	1.0	0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9	
		1.5	0.28	84.0	67.2	56.0	48.0	42.0	33.6	28.0	21.0	18.7	16.8	13.4	11.2	9.6	
		2.0	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0	
		2.5	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3	
		3.0	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4	
		3.5	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4	
		4.0	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0	27.0	21.6	18.0	15.4	
		5.0	0.50	150	120	100	85.7	75.0	60.0	50.0	37.5	33.3	30.0	24.0	20.0	17.1	
	6.0	0.55	165	132	110	94.3	82.5	66.0	55.0	41.3	36.7	33.0	26.4	22.0	18.9		
100 Mesh*	015	1.0	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7	
		1.5	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4	
		2.0	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
		2.5	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5	
		3.0	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
		3.5	0.64	192	154	128	110	96.0	76.8	64.0	48.0	42.7	38.4	30.7	25.6	21.9	
		4.0	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
		4.5	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7	
		5.0	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
		5.5	0.80	240	192	160	137	120	96.0	80.0	60.0	53.3	48.0	38.4	32.0	27.4	
		6.0	0.83	249	199	166	142	125	100	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
		6.5	0.87	261	209	174	149	131	104	87.0	65.3	58.0	52.2	41.8	34.8	29.8	
7.0	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	30.9			
8.0	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9			
50 Mesh*	02	1.0	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8	
		1.5	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2	
		2.0	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
		2.5	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7	
		3.0	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
		3.5	0.85	255	204	170	146	128	102	85.0	63.8	56.7	51.0	40.8	34.0	29.1	
		4.0	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
		4.5	0.97	291	233	194	166	146	116	97.0	72.8	64.7	58.2	46.6	38.8	33.3	
		5.0	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
		5.5	1.07	321	257	214	183	161	128	107	80.3	71.3	64.2	51.4	42.8	36.7	
		6.0	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
		6.5	1.16	348	278	232	199	174	139	116	87.0	77.3	69.6	55.7	46.4	39.8	
7.0	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5			
8.0	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2			
50 Mesh*	025	3.0	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
		3.5	1.07	321	257	214	183	161	128	107	80.3	71.3	64.2	51.4	42.8	36.7	
		4.0	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
		4.5	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5	
		5.0	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
		5.5	1.34	402	322	268	230	201	161	134	101	89.3	80.4	64.3	53.6	45.9	
		6.0	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0	
		6.5	1.46	438	350	292	250	219	175	146	110	97.3	87.6	70.1	58.4	50.1	
7.0	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8			
8.0	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5			
50 Mesh*	03	1.0	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
		1.5	0.83	249	199	166	142	125	100	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
		2.0	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
		2.5	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0	
		3.0	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
		3.5	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5	
		4.0	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
		4.5	1.45	435	348	290	249	218	174	145	109	96.7	87.0	69.6	58.0	49.7	
		5.0	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
		5.5	1.60	480	384	320	274	240	192	160	120	107	96.0	76.8	64.0	54.9	
		6.0	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3	
		6.5	1.74	522	418	348	298	261	209	174	131	116	104	83.5	69.6	59.7	
7.0	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7			
8.0	1.93	579	463	386	331	290	232	193	145	129	116	92.6	77.2	66.2			

\* Recommended nozzle filter mesh size.

# Nozzles and Accessories

## TYPICAL APPLICATION RATES FOR NOZZLES SPACED 50CM APART

MESH SIZE	CODE	LIQ PRES BAR	CAP. L/MIN	APPLICATION RATE: LITRES PER HECTARE AT KM/H													
				4 KM/H	5 KM/H	6 KM/H	7 KM/H	8 KM/H	10 KM/H	12 KM/H	16 KM/H	18 KM/H	20 KM/H	25 KM/H	30 KM/H	35 KM/H	
50 Mesh*	04	1.0	0.91	273	218	182	156	137	109	91	68.3	60.7	54.6	43.7	36.4	31.2	
		1.5	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
		2.0	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
		2.5	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4	
		3.0	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
		3.5	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6	
		4.0	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
		4.5	1.94	582	466	388	333	291	233	194	146	129	115	93.1	77.6	66.5	
		5.0	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
		5.5	2.14	642	514	428	367	321	257	214	161	143	128	103	85.6	73.4	
		6.0	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
6.5	2.33	699	559	466	399	350	280	233	175	155	140	112	93.2	79.9			
7.0	2.41	725	578	482	413	362	289	241	181	161	145	116	96.4	82.6			
8.0	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5			
50 Mesh*	05	1.00	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
		1.5	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7	
		2.0	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
		2.5	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7	
		3.0	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.38	67.5	
		3.5	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73.0	
		4.0	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
		4.5	2.41	723	578	482	413	362	289	241	181	161	145	116	96.4	82.6	
		5.0	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
		5.5	2.67	801	641	534	458	401	320	267	200	178	160	128	107	91.5	
		6.0	2.79	837	670	558	478	416	335	279	209	186	167	134	112	95.7	
6.6	2.90	870	696	580	497	435	348	290	218	193	174	139	116	99.4			
7.0	3.01	903	722	602	516	452	361	301	226	201	181	144	120	103			
8.0	3.22	966	773	644	552	483	386	322	242	215	193	155	129	110			
50 Mesh*	06	1.0	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
		1.5	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6	
		2.0	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
		2.5	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1	
		3.0	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
		3.5	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8	
50 Mesh*	08	4.0	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
		1.0	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
		1.5	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
		2.0	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5	
		2.5	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7	
		3.0	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108	
50 Mesh*	10	3.5	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117	
		4.0	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
		1.0	2.28	684	547	456	391	342	274	228	171	152	137	109	91.2	78.2	
		1.5	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7	
		2.0	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111	
50 Mesh*	15	3.0	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135	
		4.0	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156	
		1.0	3.42	1026	821	684	586	513	410	342	257	228	205	164	137	117	
		1.5	4.19	1257	1006	838	718	629	503	419	314	279	251	201	168	144	
50 Mesh*	15	2.0	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166	
		3.0	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203	
		4.0	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235	

\* Recommended nozzle filter mesh size.

## NOZZLE APPLICATION RATES

The previous two pages display the ISO std application rates which apply to most nozzles.

Nozzles are colour coded according to L/min output size at 2.8 bar.

For example: All Yellow 02 nozzles at 2.8 bar (40psi) have a flow rate of 0.2 US Gallons (0.75L/min).

*Note: Each nozzle type has a different droplet size profile.*

## SELECTING THE RIGHT SIZE NOZZLE

Application rates can be adjusted by pressure, vehicle speed and nozzle size.

Pressure can change droplet size and increase nozzles wear. Vehicle speed is an inaccurate method of adjusting output; higher speeds leads to increased bumps and vibration which is hard on equipment that can lead to critical failures. High speeds can also cause boom yaw, effectively changing boom height, leading to uneven spray application.

Nozzle size is the ideal and easiest way to select a suitable nozzle as you can change the output rate without significant changes to the machinery.

## TO SELECT A NOZZLE

Nozzle	XR TeeJet and XRC TeeJet						
	BAR						
	1	1.5	2	2.5	3	3.5	4
XR8001	M	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F
XR8002	M	M	M	M	F	F	F
XR8003	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M
XR8006	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C

Drop Size

1. You need to know your preferred safe vehicle speed.
2. Define your required droplet size & application rate eg. Medium droplet at 70L/h

Check the Droplet chart and you can see that a yellow 02 nozzle will provide a medium droplet at 2 and 2.5 bar.

3. Confirm against the Application Rates table the nozzle can put out the required 70 L/ha at 2 or 2.5 bar.

In the example above, a yellow 02 nozzle will be suited for use at 2.5.

## WHAT DROPLET SIZE DO I REQUIRE?

The manufacturer of your chemical recommends suitable droplet sizes on the Chemical label ranging from Very Fine to Ultra Course. Alternatively refer to your agronomist.

Nozzles that produce fine droplets are 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.

Remember, as droplet size is reduced the drift potential is increased. Where possible, choose nozzles with a slightly coarser droplet size to reduce the risk potential. Review the nozzle Droplet size charts for the appropriate nozzles capable of the required droplet size.

## UNIVERSAL APPLICATION RATE CHART FOR 50 CM TIP SPACING

TIP CAPACITY	LIQUID PRESSURE IN BAR	CAPACITY 1 NOZZLE IN L/MIN	L/HA – 50CM NOZZLE SPACING					Speed	
			4 KM/H	6 KM/H	8 KM/H	10 KM/H	12 KM/H	Rate	
			01	015	02				
01	1.0	0.23	69.0	46.0	34.5	27.6	23.0		
	1.5	0.28	84.0	56.0	42.0	33.6	28.0		
	2.0	0.32	96.0	64.0	48.0	38.4	32.0		
	3.0	0.39	117	78.0	58.5	46.8	39.0		
	4.0	0.45	135	90.0	67.5	54.0	45.0		
	5.0	0.50	150	100	75.0	60.0	50.0		
	7.0	0.60	180	120	90.0	72.0	60.0		
015	1.0	0.34	102	68.0	51.0	40.8	34.0		
	1.5	0.42	126	84.0	63.0	50.4	42.0		
	2.0	0.48	144	96.0	72.0	57.6	48.0		
	3.0	0.59	177	118	88.5	70.8	59.0		
	4.0	0.68	204	136	102	81.6	68.0		
	5.0	0.76	228	152	114	91.2	76.0		
	7.0	0.83	249	166	125	99.6	83.0		
02	1.0	0.46	138	92.0	69.0	55.2	46.0		
	1.5	0.56	168	112	84.0	67.2	56.0		
	2.0	0.65	195	130	97.5	78.0	65.0		
	3.0	0.79	237	158	119	94.8	79.0		
	4.0	0.91	273	182	137	109	91.0		
	5.0	1.02	306	204	153	122	102		
	7.0	1.12	336	224	168	134	112		
		1.21	363	242	182	145	121		

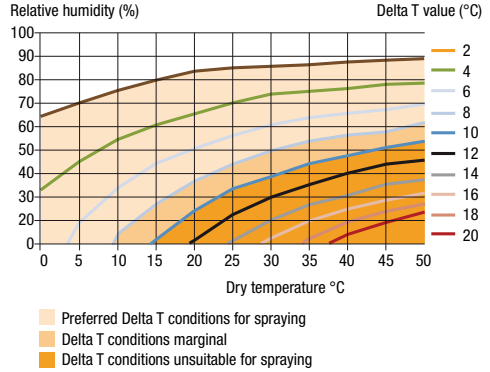
*Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).*

## WHEN IS IT RIGHT TO SPRAY?

The weather has major impact on spraying conditions.






The effects of Wind on spraying can be very clear and easy to see but temperature and humidity also have critical effects that can be measured by a Delta T.

Delta T is a relative measure of Humidity vs Temperature summarised in the table (right) that indicates suitability of spray conditions. Preferably spraying should occur when Delta T is between 2 and 8; a higher Delta T has an increased chance for drift caused by evaporation when water based spraying.



## WIND SPEED AND SPRAYING

Wind speeds are critical when spraying. If conditions are too windy, chemicals may not be applied correctly to the target crop leading to poor results, increased drift and possible off target damage. The table below offers a simple method of assessing wind speeds, otherwise can be more accurately measured using a Wind Meter.

Approx. Airspeed at Boom Height	Description	Visible Signs	Spraying
Less than 2 km/h	Calm	 Smoke rises vertically	Spraying inadvisable
2-3.3 km/h	Light air	 Direction shown by smoke drift	Avoid spraying
3.2-6.5 km/h	Light breeze	 Leaves rustle, wind felt on face	Ideal spraying
6.5-9.6 km/h	Gentle breeze	 Leaves & twigs in constant motion	Use low drift nozzles (medium droplets)
9.6-14.5 km/h	Moderate	 Small branches moved raises dust or loose paper	Use air induction nozzles (coarse droplets)

## BOOM SPRAY CALIBRATION INFORMATION

### Equipment information

Date	Tractor	RPM
Gear	Spray plant	Pressure
Size, number & spacing of nozzles		

## CALCULATE SPEED IN KILOMETRES PER HOUR

$$\frac{3.6 \text{ metres} = \text{km/h } 3.6 \times \boxed{\phantom{000}} \text{ metres} = \text{km/h}}{\text{Seconds} \quad \boxed{\phantom{000}} \text{ seconds}}$$

$$\frac{600 \times \text{litres per minute}}{\text{Boom width (m) x speed (km/h)}} = \text{Litres per hectare}$$

$$\frac{600 \times \text{L}}{\text{m x km/h}} \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}} = \boxed{\phantom{000}} = \text{Litres per hectare}$$

## CALCULATE CHEMICAL TO ADD TO TANK

$$\frac{\text{Tank capacity (L) X chemical rate (L/ha)}}{\text{Output (L/ha)}} = \text{Chemical required per tank}$$

$$\frac{(\text{L}) \boxed{\phantom{000}} \times \boxed{\phantom{000}} (\text{L/ha})}{\text{Output } \boxed{\phantom{000}} (\text{L/ha})} = \boxed{\phantom{000}} (\text{L})$$

Amount of chemical to add per tank

## FACTORS AFFECTING CALIBRATION OF BOOM SPRAYS

1. Application rate in Litres per hectare.
2. Travel Speed of Tractor.

The tractor travel speed is the most important variable in sprayer performance. A 10% change in tractor speed gives a 10% change in application rate. This can lead to over or under application of chemicals. Determine the speed by measuring 100 metres then time in seconds how long it takes to cover the 100 metres.

If spraying in hilly terrain time distance both up hill and down hill and average the results.

### THE FORMULA FOR SPEED IS:

$$\text{km/h} = \frac{360}{\text{Time in seconds for 100 metres}}$$

### 3. Nozzle Spacing on boom

(Std nozzle spacing is 50 cm).

### 4. Calculate required output per nozzle:

$$\frac{\text{L/min/ nozzle}}{\text{nozzle}} = \frac{\text{L/ha x km/h x nozzle spacing (cm)}}{60,000}$$

$$\text{e.g. } \frac{100 \times 10 \times 50}{60,000} = 0.83 \text{ L/min/ nozzle}$$

Where application rate is: 100 L/Ha, speed is 10 km/h and nozzle spacing is 50 cm.

Use the nozzle output charts to select the correct nozzle tip for your application.

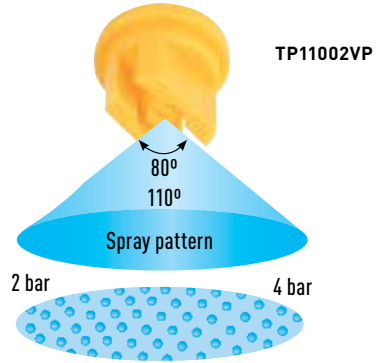
### 5. Check the calibration procedure

Use a measuring jug and stopwatch to check the output of several nozzles across the boom at the recommended pressure. If the outputs vary slightly from the chart then adjust the pressure in the system to achieve the correct volume. If nozzle flow rates are greater than 5% above or below the manufacturer's charts then the whole sprayer system needs to be checked for leaks, blockages etc, cleaned out and the calibration process repeated until accuracy is attained. The nozzle charts also allow application rates to be determined if the tractor speed, the nozzle and the spraying pressure are known.

## TP FLAT FAN STANDARD

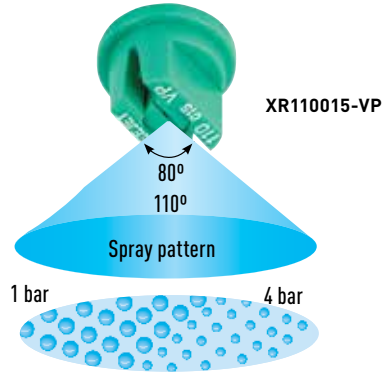
- Single piece nozzle with even coverage
- Pressure Range: 2-4 Bar
- Poly material available

*TeeJet*



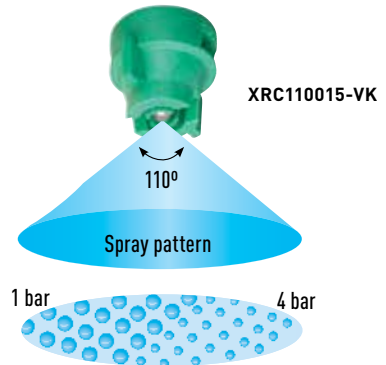
## XR EXTENDED RANGE

- Single piece nozzle with even coverage
- Pressure Range: 1-4 Bar
- Poly and Ceramic material available
- Low Drift at low pressure. Increased coverage and drift potential at higher pressure




## XRC EXTENDED RANGE


- Same droplet size as XR Nozzle with added convenience of a moulded Quick TeeJet cap for easy fitment and automatic alignment
- Single piece nozzle with even coverage
- Pressure Range: 1-4 Bar
- Poly material
- Low Drift at low pressure. Increased coverage and drift potential at higher pressure





## ISO DROPLET SIZE INFORMATION

	TP TeeJet				
	BAR				
	2	2.5	3	3.5	4
TP8001	F	F	F	F	F
TP80015	F	F	F	F	F
TP8002	M	M	F	F	F
TP8003	M	M	M	M	M
TP8004	M	M	M	M	M
TP8005	C	M	M	M	M
TP8006	C	C	C	C	C
TP8008	C	C	C	C	C
TP11001	F	F	F	VF	VF
TP110015	F	F	F	F	F
TP11002	F	F	F	F	F
TP11003	F	F	F	F	F
TP11004	M	M	M	F	F
TP11005	M	M	M	M	M
TP11006	M	M	M	M	M
TP11008	C	C	M	M	M

	XR TeeJet and XRC TeeJet						
	BAR						
	1	1.5	2	2.5	3	3.5	4
XR8001	M	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F
XR8002	M	M	M	M	F	F	F
XR8003	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M
XR8006	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C
XR11001	F	F	F	F	F	VF	VF
XR110015	F	F	F	F	F	F	F
XR11002	M	F	F	F	F	F	F
XR110025	M	M	F	F	F	F	F
XR11003	M	M	F	F	F	F	F
XR11004	M	M	M	M	M	F	F
XR11005	C	M	M	M	M	M	M
XR11006	C	C	M	M	M	M	M
XR11008	C	C	C	C	M	M	M

For ISO application rates see pages 68-69.

XRc produce same droplet as XR.

CODE	ANGLE	DESCRIPTION	SIZES AVAILABLE	
TP110***-VP	110°	TP - Flat Fan - Poly	015,02,03,04,05,06,08	
TP80***-VP	80°	TP - Flat Fan - Poly	015,02,03,04,05,06,08	
XR110***-VP	110°	XR - Flat Fan - Poly	015,02,03,04,05,06,08	B
XR110***-VK	110°	XR - Flat Fan - Ceramic	02,025,03,04,05,06,08	B
XR80***-VK	80°	XR - Flat Fan - Ceramic	03,04,05,06,08	B
XRC110***-VK	110°	XRC - Flat Fan - Ceramic with Moulded Cap	025,03,04,05,06,08	B
<b>10 PACK NOZZLES:</b>				
PKT-TP110***-VP	110°	VisiFlo - Flat Fan - Poly 10 Pk	015,02,03,04,05,06,08	
PKT-XR110***-VP	110°	XR - Flat Fan - Poly 10 Pk	015,02,03,04,05,06,08	
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***. EG TP11004VP				