

ConeJet® HOLLOW CONE SPRAY

Typical Applications



FUNGICIDE
CONTACT
EXCELLENT
SYSTEMIC
GOOD

INSECTICIDE
CONTACT
EXCELLENT
SYSTEMIC
GOOD



Three Spray Tips
Per Row Spacing



BANDING NOZZLES

FEATURES

- Finely atomized spray pattern provides thorough coverage.
- Ideal for banding with two or three nozzles over the row.
- Color-coded versions consist of stainless steel or ceramic orifice in a polypropylene body. Maximum operating pressure 300 PSI.
- Standard ConeJet (not color-coded) available in brass and stainless steel in a wide range of capacities with 65° (TY) and 80° (TX) spray angles.

SPRAY PATTERN



DROPLET SIZE CLASSIFICATION



OPTIMUM SPRAY HEIGHT

	GPA CONVERSION FACTORS	
	20"	30"
8"	2.50	3.75
10"	2.00	3.00
12"	1.67	2.50
15"	1.33	2.00

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

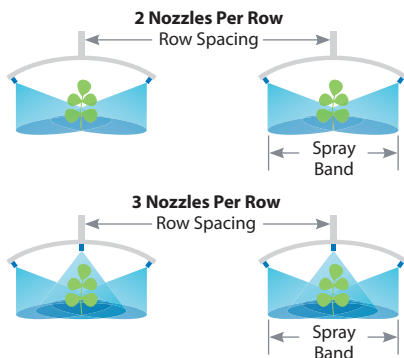
- Example:
- Band Width = 8" (Conversion Factor = 3.75)
 - Two tips TX-VK3 at 40 PSI at 5MPH = 4 GPA
 - Corrected GPA = 4 x 3.75 = 15 GPA

RECOMMENDED PRESSURE RANGE



MATERIALS AVAILABLE

- VS STAINLESS STEEL
- VK CERAMIC
- B BRASS
- SS STAINLESS STEEL



TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY TWO TIPS IN GPM	CAPACITY TWO TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING					CAPACITY THREE TIPS IN GPM	CAPACITY THREE TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING				
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH			3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TX-1	40	VF	0.033	4.2	2.2	1.6	1.3	1.1	0.93	0.050	6.4	3.3	2.5	2.0	1.7	1.4
	60	VF	0.039	5.0	2.6	1.9	1.5	1.3	1.1	0.059	7.6	3.9	2.9	2.3	1.9	1.7
TX-11 (100)	75	VF	0.043	5.5	2.8	2.1	1.7	1.4	1.2	0.065	8.3	4.3	3.2	2.6	2.1	1.8
	90	VF	0.047	6.0	3.1	2.3	1.9	1.6	1.3	0.070	9.0	4.6	3.5	2.8	2.3	2.0
	120	VF	0.053	6.8	3.5	2.6	2.1	1.7	1.5	0.079	10	5.2	3.9	3.1	2.6	2.2
TX-2	40	VF	0.067	8.6	4.4	3.3	2.7	2.2	1.9	0.100	13	6.6	5.0	4.0	3.3	2.8
	60	VF	0.080	10	5.3	4.0	3.2	2.6	2.3	0.12	15	7.9	5.9	4.8	4.0	3.4
TX-12 (100)	75	VF	0.088	11	5.8	4.4	3.5	2.9	2.5	0.13	17	8.6	6.4	5.1	4.3	3.7
	90	VF	0.095	12	6.3	4.7	3.8	3.1	2.7	0.14	18	9.2	6.9	5.5	4.6	4.0
	120	VF	0.11	14	7.3	5.4	4.4	3.6	3.1	0.16	20	10.6	7.9	6.3	5.3	4.5
TX-3	40	VF	0.10	13	6.6	5.0	4.0	3.3	2.8	0.15	19	9.9	7.4	5.9	5.0	4.2
TX-13 (100)	60	VF	0.12	15	7.9	5.9	4.8	4.0	3.4	0.18	23	11.9	8.9	7.1	5.9	5.1
	75	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	0.20	26	13.2	9.9	7.9	6.6	5.7
	90	VF	0.14	18	9.2	6.9	5.5	4.6	4.0	0.21	27	13.9	10.4	8.3	6.9	5.9
120	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.24	31	15.8	11.9	9.5	7.9	6.8	
TX-4	40	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	0.20	26	13.2	9.9	7.9	6.6	5.7
	60	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.24	31	15.8	11.9	9.5	7.9	6.8
TX-14 (50)	75	VF	0.18	23	11.9	8.9	7.1	5.9	5.1	0.27	35	17.8	13.4	10.7	8.9	7.6
	90	VF	0.19	24	12.5	9.4	7.5	6.3	5.4	0.29	37	19.1	14.4	11.5	9.6	8.2
	120	VF	0.22	28	14.5	10.9	8.7	7.3	6.2	0.33	42	22	16.3	13.1	10.9	9.3
TX-6	40	VF	0.20	26	13.2	9.9	7.9	6.6	5.7	0.30	38	19.8	14.9	11.9	9.9	8.5
	60	VF	0.24	31	15.8	11.9	9.5	7.9	6.8	0.36	46	24	17.8	14.3	11.9	10.2
TX-16 (50)	75	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	0.40	51	26	19.8	15.8	13.2	11.3
	90	VF	0.29	37	19.1	14.4	11.5	9.6	8.2	0.43	55	28	21	17.0	14.2	12.2
	120	VF	0.33	42	22	16.3	13.1	10.9	9.3	0.50	64	33	25	19.8	16.5	14.1
TX-8	40	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	0.40	51	26	19.8	15.8	13.2	11.3
	60	VF	0.32	41	21	15.8	12.7	10.6	9.1	0.49	63	32	24	19.4	16.2	13.9
TX-18 (50)	75	VF	0.36	46	24	17.8	14.3	11.9	10.2	0.54	69	36	27	21	17.8	15.3
	90	VF	0.39	50	26	19.3	15.4	12.9	11.0	0.59	76	39	29	23	19.5	16.7
	120	VF	0.45	58	30	22	17.8	14.9	12.7	0.68	87	45	34	27	22	19.2
TX-10	40	VF	0.33	42	22	16.3	13.1	10.9	9.3	0.50	64	33	25	19.8	16.5	14.1
	60	VF	0.40	51	26	19.8	15.8	13.2	11.3	0.61	78	40	30	24	20	17.3
TX-110 (50)	75	VF	0.45	58	30	22	17.8	14.9	12.7	0.68	87	45	34	27	22	19.2
	90	VF	0.49	63	32	24	19.4	16.2	13.9	0.74	95	49	37	29	24	21
	120	VF	0.56	72	37	28	22	18.5	15.8	0.85	109	56	42	34	28	24
TX-12	40	F	0.40	51	26	19.8	15.8	13.2	11.3	0.60	77	40	30	24	19.8	17.0
	60	VF	0.49	63	32	24	19.4	16.2	13.9	0.73	93	48	36	29	24	21
TX-112 (50)	75	VF	0.54	69	36	27	21	17.8	15.3	0.81	104	53	40	32	27	23
	90	VF	0.59	76	39	29	23	19.5	16.7	0.88	113	58	44	35	29	25
	120	VF	0.68	87	45	34	27	22	19.2	1.01	129	67	50	40	33	29
TX-18	40	F	0.60	77	40	30	24	19.8	17.0	0.90	115	59	45	36	30	25
	60	VF	0.73	93	48	36	29	24	21	1.10	141	73	54	44	36	31
TX-118 (50)	75	VF	0.82	105	54	41	32	27	23	1.23	157	81	61	49	41	35
	90	VF	0.90	115	59	45	36	30	25	1.35	173	89	67	53	45	38
	120	VF	1.03	132	68	51	41	34	29	1.55	198	102	77	61	51	44
TX-26	40	F	0.87	111	57	43	34	29	25	1.30	166	86	64	51	43	37
	60	F	1.06	136	70	52	42	35	30	1.59	204	105	79	63	52	45
TX-126 (50)	75	VF	1.18	151	78	58	47	39	33	1.78	228	117	88	70	59	50
	90	VF	1.30	166	86	64	51	43	37	1.94	248	128	96	77	64	55
	120	VF	1.49	191	98	74	59	49	42	2.24	287	148	111	89	74	63

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information. †Specify material.

HOW TO ORDER

Stainless Steel with color-coding

T X - V S 4
 Tip Type Material Code Capacity Size

Brass

T X - 4
 Tip Type Capacity Size

Stainless Steel

T X - S S 4
 Tip Type Material Code Capacity Size

Ceramic with color-coding

T X - V K 4
 Tip Type Material Code Capacity Size