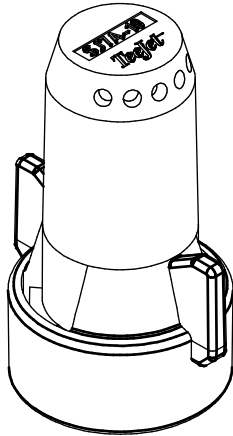


SJ7A *StreamJet* 7-ORIFICE FERTILIZER TIP WITH VISIFLO® COLOR CODING



FEATURES:

- CREATES SEVEN IDENTICAL FLUID STREAMS OF EQUAL VELOCITY AND CAPACITY.
- EXCELLENT SPRAY DISTRIBUTION QUALITY.
- REMOVABLE METERING ORIFICE FOR EASY CLEANING.
- OFFERED IN A VARIETY OF SIZES FOR A WIDE RANGE OF APPLICATION RATES.
- VISIFLO COLOR CODING FOR EASY CAPACITY IDENTIFICATION.
- ALL ACETAL CONSTRUCTION WITH EPDM GASKET FOR EXCELLENT CHEMICAL RESISTANCE.
- RECOMMENDED OPERATING PRESSURE: 1.5-4.0 PSI.

TYPICAL APPLICATIONS:

- EXCELLENT FOR BROADCAST APPLICATION OF LIQUID FERTILIZER.

LIQUID DENSITY CONVERSION FACTORS

WEIGHT OF SOLUTION	DENSITY OF SOLUTION	CONVERSION FACTOR
7.0 LB/GAL	0.84 KG/L	.92
8.0 LB/GAL	0.96 KG/L	.98
8.34 LB/GAL (WATER)	1.00 KG/L (WATER)	1.00
9.0 LB/GAL	1.08 KG/L	1.04
10.0 LB/GAL	1.20 KG/L	1.10
10.65 LB/GAL (28% NITROGEN)	1.28 KG/L	1.13
11.0 LB/GAL	1.32 KG/L	1.15
12.0 LB/GAL	1.44 KG/L	1.20
14.0 LB/GAL	1.68 KG/L	1.30

NOTE: CONVERSION FACTORS MUST BE USED WHEN SPRAYING SOLUTIONS HEAVIER OR LIGHTER THAN WATER. FIRST, MULTIPLY DESIRED APPLICATION RATE BY THE APPROPRIATE CONVERSION FACTOR ABOVE. THEN, USE THE NEW APPLICATION RATE TO SELECT THE MOST APPROPRIATE TIP CAPACITY AND OPERATING PRESSURE FROM THE APPLICATION CHART ON SHEET 2.

OPTIMUM SPRAY HEIGHT	
NOZZLE SPACING	SPRAY HEIGHT
35 CM	35 CM
50 CM	50 CM
75 CM	75 CM
100 CM	100 CM

* FOR BEST SPRAY DISTRIBUTION MAINTAIN A 1:1 RATIO OF TIP HEIGHT TO TIP SPACING

DESCRIPTION:

APPLICATION RATES
FOR SJ7A-__-VP
7-ORIFICE FERTILIZER NOZZLE

TeeJet®
TECHNOLOGIES

REVISION NO.

Data Sheet No.

REFERENCE:

114500M

2

SHEET: 1 OF 2

DWG SIZE:

A

TIP COLOR VISIFLO	TIP No. (STRAINER MESH SIZE)	LIQUID PRESSURE (BAR)	CAPACITY ONE NOZZLE (L/MIN)	LITERS PER HECTARE 50 CM NOZZLE SPACING									
				4 KM/H	6 KM/H	8 KM/H	10 KM/H	12 KM/H	14 KM/H	16 KM/H	18 KM/H	20 KM/H	
GREEN	SJ7A-015-VP (100 MESH)	1.5	0.39	117	78.0	58.5	46.8	39.0	33.4	29.3	26.0	23.4	
		2.0	0.46	138	92.0	69.0	55.2	46.0	39.4	34.5	30.7	27.6	
		2.5	0.52	156	104	78.0	62.4	52.0	44.6	39.0	34.7	31.2	
		3.0	0.57	171	114	85.5	68.4	57.0	48.9	42.8	38.0	34.2	
		4.0	0.67	201	134	101	80.4	67.0	57.4	50.3	44.7	40.2	
YELLOW	SJ7A-02-VP (50 MESH)	1.5	0.55	165	110	82.5	66.0	55.0	47.1	41.3	36.7	33.0	
		2.0	0.64	192	128	96.0	76.8	64.0	54.9	48.0	42.7	38.4	
		2.5	0.72	216	144	108	86.4	72.0	61.7	54.0	48.0	43.2	
		3.0	0.80	240	160	120	96.0	80.0	68.6	60.0	53.3	48.0	
		4.0	0.93	279	186	140	112	93.0	79.7	69.8	62.0	55.8	
BLUE	SJ7A-03-VP (50 MESH)	1.5	0.87	261	174	131	104	87.0	74.6	65.3	58.0	52.2	
		2.0	1.00	300	200	150	120	100	85.7	75.0	66.7	60.0	
		2.5	1.10	330	220	165	132	110	94.3	82.5	73.3	66.0	
		3.0	1.18	354	236	177	142	118	101	88.5	78.7	70.8	
		4.0	1.31	393	262	197	157	131	112	98.3	87.3	78.6	
RED	SJ7A-04-VP (50 MESH)	1.5	1.17	351	234	176	140	117	100	87.8	78.0	70.2	
		2.0	1.33	399	266	200	160	133	114	100	88.7	79.8	
		2.5	1.45	435	290	218	174	145	124	109	96.7	87.0	
		3.0	1.55	465	310	233	186	155	133	116	103	93.0	
		4.0	1.72	516	344	258	206	172	147	129	115	103	
BROWN	SJ7A-05-VP (50 MESH)	1.5	1.49	447	298	224	179	149	128	112	99.3	89.4	
		2.0	1.68	504	336	252	202	168	144	126	112	101	
		2.5	1.83	549	366	275	220	183	157	137	122	110	
		3.0	1.95	585	390	293	234	195	167	146	130	117	
		4.0	2.16	648	432	324	259	216	185	162	144	130	
GRAY	SJ7A-06-VP (50 MESH)	1.5	1.77	531	354	266	212	177	152	133	118	106	
		2.0	2.01	603	402	302	241	201	172	151	134	121	
		2.5	2.19	657	438	329	263	219	188	164	146	131	
		3.0	2.35	705	470	353	282	235	201	176	157	141	
		4.0	2.61	783	522	392	313	261	224	196	174	157	
WHITE	SJ7A-08-VP (50 MESH)	1.5	2.28	684	456	342	274	228	195	171	152	137	
		2.0	2.66	798	532	399	319	266	228	200	177	160	
		2.5	2.94	882	588	441	353	294	252	221	196	176	
		3.0	3.15	945	630	473	378	315	270	236	210	189	
		4.0	3.46	1038	692	519	415	346	297	260	231	208	
LIGHT BLUE	SJ7A-10-VP	1.5	2.84	852	568	426	341	284	243	213	189	170	
		2.0	3.32	996	664	498	398	332	285	249	221	199	
		2.5	3.67	1101	734	551	440	367	315	275	245	220	
		3.0	3.94	1182	788	591	473	394	338	296	263	236	
		4.0	4.33	1299	866	650	520	433	371	325	289	260	
LIGHT GREEN	SJ7A-15-VP	1.5	4.09	1227	818	614	491	409	351	307	273	245	
		2.0	4.82	1446	964	723	578	482	413	362	321	289	
		2.5	5.40	1620	1080	810	648	540	463	405	360	324	
		3.0	4.87	1761	1174	881	704	587	417	440	325	352	
		4.0	6.58	1974	1316	987	490	658	564	494	439	395	

APPLICATION DATA IS BASED ON SPRAYING WATER AT 21° C.

*NOTE: FOR 35 CM TIP SPACING MULTIPLY CHART VALUES BY 1.33.

FOR 75 CM TIP SPACING MULTIPLY CHART VALUES BY 0.67.

FOR 100 CM TIP SPACING MULTIPLY CHART VALUES BY 0.5.

DESCRIPTION:
APPLICATION RATES
FOR SJ7A-__-VP
7-ORIFICE FERTILIZER NOZZLE



REVISION NO.

Data Sheet No.

114500M

REFERENCE:

2

SHEET: 2 OF 2

DWG SIZE:

A