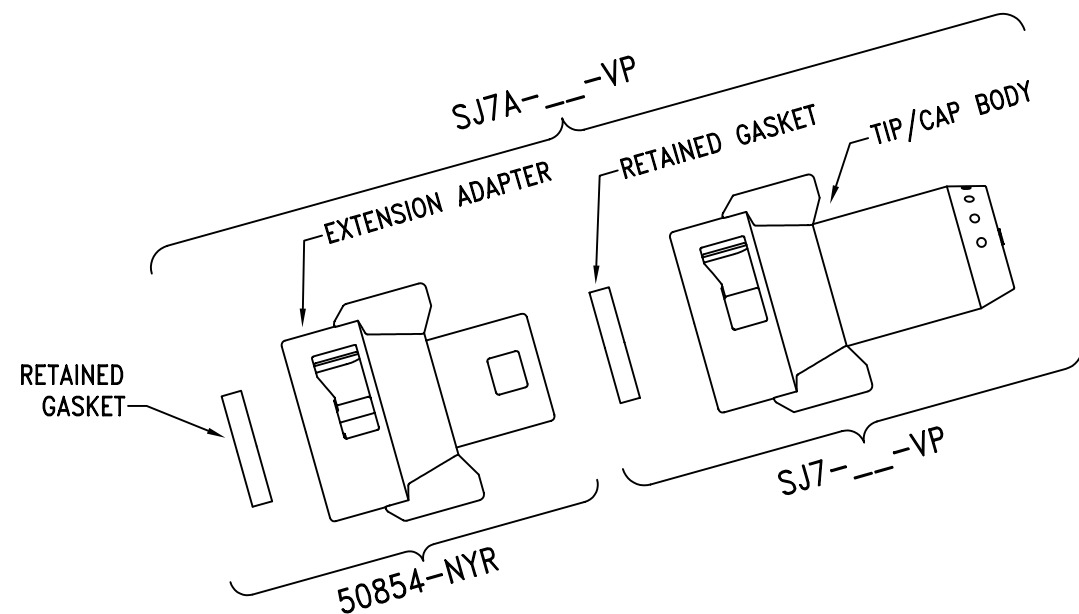


# SJ7 StreamJet®

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 FOR EXCELLENT CHEMICAL RESISTANCE.
- RECOMMENDED OPERATING PRESSURE: 20-60 PSI.

**TYPICAL APPLICATIONS:**

- EXCELLENT FOR APPLICATION OF LIQUID FERTILIZER.

Liquid Density Conversion Factors		
Weight of Solution	Specific Gravity	Conversion Factor
7.0 lb/gal	0.84	0.92
8.0 lb/gal	0.96	0.98
8.34 lb/gal (Water)	1.00	1.00
9.0 lb/gal	1.08	1.04
10.0 lb/gal	1.20	1.10
10.65 lb/gal (28% Nitrogen)	1.28	1.13
11.0 lb/gal	1.32	1.15
12.0 lb/gal	1.44	1.20
14.0 lb/gal	1.68	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 THIS PAGE.

Optimum Spray Height	
Nozzle Spacing	Spray Height
20"	20"
30"	30"
40"	40"

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

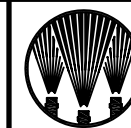
Tip Color VisiFlo	Tip No. (Strainer Screen Size)	Liquid Pressure (psi)	Capacity 1 Nozzle (GPM)	Capacity 1 Nozzle (oz/min)	Gallons Per Acre 20" Spacing*					
					3 mph	4 mph	5 mph	6 mph	8 mph	10 mph
GREEN	SJ7-015-VP (100 Mesh)	20	0.10	13	9.9	7.4	5.9	5.0	3.7	3.0
		30	0.12	15	11.9	8.9	7.1	5.9	4.5	3.6
		40	0.15	19	14.9	11.1	8.9	7.4	5.6	4.5
		50	0.16	20	15.8	11.9	9.5	7.9	5.9	4.8
		60	0.18	23	17.8	13.4	10.7	8.9	6.7	5.3
YELLOW	SJ7-02-VP (50 Mesh)	20	0.14	18	13.9	10.4	8.3	6.9	5.2	4.2
		30	0.17	22	16.8	12.6	10.1	8.4	6.3	5.0
		40	0.20	26	19.8	14.9	11.9	9.9	7.4	5.9
		50	0.23	29	23	17.1	13.7	11.4	8.5	6.8
		60	0.25	32	25	18.6	14.9	12.4	9.3	7.4
BLUE	SJ7-03-VP (50 Mesh)	20	0.22	28	22	16.3	13.1	10.9	8.2	6.5
		30	0.27	35	27	20	16.0	13.4	10.0	8.0
		40	0.30	38	30	22	17.8	14.9	11.1	8.9
		50	0.33	42	33	25	19.6	16.3	12.3	9.8
		60	0.35	45	35	26	21	17.3	13.0	10.4
RED	SJ7-04-VP (50 Mesh)	20	0.30	38	30	22	17.8	14.9	11.1	8.9
		30	0.35	45	35	26	21	17.3	13.0	10.4
		40	0.40	51	40	30	24	19.8	14.9	11.9
		50	0.43	55	43	32	26	21	16.0	12.8
		60	0.46	59	46	34	27	23	17.1	13.7
BROWN	SJ7-05-VP (50 Mesh)	20	0.38	49	38	28	23	18.8	14.1	11.3
		30	0.45	58	45	33	27	22	16.7	13.4
		40	0.50	64	50	37	30	25	18.6	14.9
		50	0.54	69	53	40	32	27	20	16.0
		60	0.58	74	57	43	34	29	22	17.2
GRAY	SJ7-06-VP (50 Mesh)	20	0.45	58	45	33	27	22	16.7	13.4
		30	0.54	69	53	40	32	27	20	16.0
		40	0.60	77	59	45	36	30	22	17.8
		50	0.65	83	64	48	39	32	24	19.3
		60	0.70	90	69	52	42	35	26	21
WHITE	SJ7-08-VP	20	0.57	73	56	42	34	28	21	16.9
		30	0.72	92	71	53	43	36	27	21
		40	0.80	102	79	59	48	40	30	24
		50	0.87	111	86	65	52	43	32	26
		60	0.93	119	92	69	55	46	35	28
LIGHT BLUE	SJ7-10-VP	20	0.71	91	70	53	42	35	26	21
		30	0.90	115	89	67	53	45	33	27
		40	1.00	128	99	74	59	50	37	30
		50	1.09	140	108	81	65	54	40	32
		60	1.16	148	115	86	69	57	43	34
LIGHT GREEN	SJ7-15-VP	20	1.03	132	102	76	61	51	38	31
		30	1.29	165	128	96	77	64	48	38
		40	1.50	192	149	111	89	74	56	45
		50	1.64	210	162	122	97	81	61	49
		60	1.76	225	174	131	105	87	65	52

APPLICATION DATA IS BASED ON SPRAYING WATER AT 70° F.

\*NOTE: FOR 15 INCH TIP SPACING MULTIPLY CHART VALUES BY 1.33.  
FOR 30 INCH TIP SPACING MULTIPLY CHART VALUES BY 0.67.

**DESCRIPTION:**

APPLICATION RATES  
FOR SJ7-\_\_\_-VP  
7-ORIFICE FERTILIZER NOZZLE



**Spraying Systems Co.®**

Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

Ref.

DATA SHEET

50850

SHEET OF