

**TP SOLID STREAM 40" TIP SPACING**

GALLONS PER ACRE CALIBRATED FOR FERTILIZER (11.4 LB/GAL.)

mph			4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
	psi	gpm																		
0001 (.028 DIA.)	80	0.12	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	
	90	0.13	4.8	4.3	3.9	3.5	3.2	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.8	1.7	1.6	
	100	0.14	5.2	4.6	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	
00015 (.033 DIA.)	80	0.18	6.7	5.9	5.3	4.9	4.5	4.1	3.8	3.6	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.3	2.2	
	90	0.19	7.1	6.3	5.6	5.1	4.7	4.3	4.0	3.8	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5	2.4	
	100	0.21	7.8	6.9	6.2	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	
0002 (.039 DIA.)	80	0.24	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.2	3.1	3.0	
	90	0.25	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1	
	100	0.27	10.0	8.9	8.0	7.3	6.7	6.2	5.7	5.3	5.0	4.7	4.5	4.2	4.0	3.8	3.6	3.5	3.3	
0003 (.047 DIA.)	80	0.36	13.4	11.9	10.7	9.7	8.9	8.2	7.6	7.1	6.7	6.3	5.9	5.6	5.3	5.1	4.9	4.6	4.5	
	90	0.38	14.1	12.5	11.3	10.3	9.4	8.7	8.1	7.5	7.1	6.6	6.3	5.9	5.6	5.4	5.1	4.9	4.7	
	100	0.40	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9	5.7	5.4	5.2	5.0	
0004 (.055 DIA.)	80	0.50	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8	6.5	6.2	
	90	0.53	19.7	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.3	8.7	8.3	7.9	7.5	7.2	6.8	6.6	
	100	0.54	20.0	17.8	16.0	14.6	13.4	12.3	11.5	10.7	10.0	9.4	8.9	8.4	8.0	7.6	7.3	7.0	6.7	
0005 (.061 DIA.)	80	0.61	22.6	20.1	18.1	16.5	15.1	13.9	12.9	12.1	11.3	10.7	10.1	9.5	9.1	8.6	8.2	7.9	7.5	
	90	0.65	24.1	21.5	19.3	17.6	16.1	14.9	13.8	12.9	12.1	11.4	10.7	10.2	9.7	9.2	8.8	8.4	8.0	
	100	0.68	25.2	22.4	20.2	18.4	16.8	15.5	14.4	13.5	12.6	11.9	11.2	10.6	10.1	9.6	9.2	8.8	8.4	

**TP SOLID STREAM 40" TIP SPACING**

GALLONS PER ACRE CALIBRATED FOR FERTILIZER (11.4 LB/GAL.)

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
																	gpm psi	
1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.12	80	0001 (.028 DIA.)
1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.13	90	
1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	0.14	100	
2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	0.18	80	00015 (.033 DIA.)
2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	0.19	90	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.21	100	
2.9	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	0.24	80	0002 (.039 DIA.)
3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	0.25	90	
3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	0.27	100	
4.3	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.7	0.36	80	0003 (.047 DIA.)
4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	0.38	90	
4.8	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	0.40	100	
5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.50	80	0004 (.055 DIA.)
6.3	6.1	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	0.53	90	
6.4	6.2	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	0.54	100	
7.2	7.0	6.7	6.5	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.6	4.5	0.61	80	0005 (.061 DIA.)
7.7	7.4	7.2	6.9	6.7	6.4	6.2	6.0	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	0.65	90	
8.1	7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	0.68	100	

**TP SOLID STREAM 40" TIP SPACING**

GALLONS PER ACRE CALIBRATED FOR FERTILIZER (11.4 LB/GAL.)

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
0006 (.067 DIA.)	80	0.73	27.1	24.1	21.7	19.7	18.1	16.7	15.5	14.5	13.6	12.8	12.0	11.4	10.8	10.3	9.9	9.4	9.0
	90	0.77	28.6	25.4	22.9	20.8	19.1	17.6	16.3	15.2	14.3	13.5	12.7	12.0	11.4	10.9	10.4	9.9	9.5
	100	0.81	30.1	26.7	24.1	21.9	20.0	18.5	17.2	16.0	15.0	14.2	13.4	12.7	12.0	11.5	10.9	10.5	10.0
0008 (.078 DIA.)	80	0.94	34.9	31.0	27.9	25.4	23.3	21.5	19.9	18.6	17.4	16.4	15.5	14.7	14.0	13.3	12.7	12.1	11.6
	90	1.00	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	15.6	14.9	14.1	13.5	12.9	12.4
	100	1.11	41.2	36.6	33.0	30.0	27.5	25.4	23.5	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.7
0010 (.086 DIA.)	80	1.20	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5	14.9
	90	1.27	47.1	41.9	37.7	34.3	31.4	29.0	26.9	25.1	23.6	22.2	21.0	19.9	18.9	18.0	17.1	16.4	15.7
	100	1.37	50.9	45.2	40.7	37.0	33.9	31.3	29.1	27.1	25.4	23.9	22.6	21.4	20.3	19.4	18.5	17.7	17.0
0015 (.107 DIA.)	80	1.80	66.8	59.4	53.5	48.6	44.6	41.1	38.2	35.6	33.4	31.4	29.7	28.1	26.7	25.5	24.3	23.2	22.3
	90	1.91	70.9	63.0	56.7	51.6	47.3	43.6	40.5	37.8	35.5	33.4	31.5	29.9	28.4	27.0	25.8	24.7	23.6
	100	2.05	76.1	67.7	60.9	55.4	50.7	46.8	43.5	40.6	38.1	35.8	33.8	32.0	30.4	29.0	27.7	26.5	25.4
0020 (.125 DIA.)	80	2.39	88.7	78.9	71.0	64.5	59.2	54.6	50.7	47.3	44.4	41.8	39.4	37.4	35.5	33.8	32.3	30.9	29.6
	90	2.53	93.9	83.5	75.1	68.3	62.6	57.8	53.7	50.1	47.0	44.2	41.7	39.5	37.6	35.8	34.2	32.7	31.3
	100	2.74	101.7	90.4	81.4	74.0	67.8	62.6	58.1	54.3	50.9	47.9	45.2	42.8	40.7	38.8	37.0	35.4	33.9

### TP SOLID STREAM 40" TIP SPACING

GALLONS PER ACRE CALIBRATED FOR FERTILIZER (11.4 LB/GAL.)

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
8.7	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	0.73	80	0006 (.067 DIA.)
9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	0.77	90	
9.6	9.3	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	0.81	100	
11.2	10.7	10.3	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.5	7.3	7.2	7.0	0.94	80	0008 (.078 DIA.)
11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.0	7.8	7.6	7.4	1.00	90	
13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.2	1.11	100	
14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	1.20	80	0010 (.086 DIA.)
15.1	14.5	14.0	13.5	13.0	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	9.4	1.27	90	
16.3	15.6	15.1	14.5	14.0	13.6	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.4	10.2	1.37	100	
21.4	20.6	19.8	19.1	18.4	17.8	17.2	16.7	16.2	15.7	15.3	14.9	14.4	14.1	13.7	13.4	1.80	80	0015 (.107 DIA.)
22.7	21.8	21.0	20.3	19.6	18.9	18.3	17.7	17.2	16.7	16.2	15.8	15.3	14.9	14.5	14.2	1.91	90	
24.4	23.4	22.6	21.7	21.0	20.3	19.6	19.0	18.5	17.9	17.4	16.9	16.5	16.0	15.6	15.2	2.05	100	
28.4	27.3	26.3	25.4	24.5	23.7	22.9	22.2	21.5	20.9	20.3	19.7	19.2	18.7	18.2	17.7	2.39	80	0020 (.125 DIA.)
30.1	28.9	27.8	26.8	25.9	25.0	24.2	23.5	22.8	22.1	21.5	20.9	20.3	19.8	19.3	18.8	2.53	90	
32.6	31.3	30.1	29.1	28.1	27.1	26.3	25.4	24.7	23.9	23.3	22.6	22.0	21.4	20.9	20.3	2.74	100	