

# GPA Chart: CPF270T-5ST

## 5 Straight Stream Tip for CP-59s and CP-109s

### CP-59LS / CP-109LS - LOW VOLUME TURBO FLOATER NOZZLES

#### CPF270T-5ST - 5 STRAIGHT STREAM TIP

			Gallons Per Acre														
Orifice	PSI	Nozzle Capacity GPM	30" Spacing					40" Spacing					60" Spacing				
			10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
2.5	30	0.5	9.90	8.25	7.07	6.19	5.50	7.43	6.19	5.30	4.64	4.13	4.95	4.13	3.54	3.09	2.75
	40	0.6	11.88	9.90	8.49	7.43	6.60	8.91	7.43	6.36	5.57	4.95	5.94	4.95	4.24	3.71	3.30
	50	0.7	13.86	11.55	9.90	8.66	7.70	10.40	8.66	7.43	6.50	5.78	6.93	5.78	4.95	4.33	3.85
5	30	1.2	23.76	19.80	16.97	14.85	13.20	17.82	14.85	12.73	11.14	9.90	11.88	9.90	8.49	7.43	6.60
	40	1.4	27.72	23.10	19.80	17.33	15.40	20.79	17.33	14.85	12.99	11.55	13.86	11.55	9.90	8.66	7.70
	50	1.6	31.68	26.40	22.63	19.80	17.60	23.76	19.80	16.97	14.85	13.20	15.84	13.20	11.31	9.90	8.80
7.5	30	1.4	27.72	23.10	19.80	17.33	15.40	20.79	17.33	14.85	12.99	11.55	13.86	11.55	9.90	8.66	7.70
	40	1.6	31.68	26.40	22.63	19.80	17.60	23.76	19.80	16.97	14.85	13.20	15.84	13.20	11.31	9.90	8.80
	50	1.8	35.64	29.70	25.46	22.28	19.80	26.73	22.28	19.09	16.71	14.85	17.82	14.85	12.73	11.14	9.90
10	30	2.2	43.56	36.30	31.11	27.23	24.20	32.67	27.23	23.34	20.42	18.15	21.78	18.15	15.56	13.61	12.10
	40	2.5	49.50	41.25	35.36	30.94	27.50	37.13	30.94	26.52	23.20	20.63	24.75	20.63	17.68	15.47	13.75
	50	2.7	53.46	44.55	38.19	33.41	29.70	40.10	33.41	28.64	25.06	22.28	26.73	22.28	19.09	16.71	14.85
15	30	3.0	59.40	49.50	42.43	37.13	33.00	44.55	37.13	31.82	27.84	24.75	29.70	24.75	21.21	18.56	16.50
	40	3.6	71.28	59.40	50.91	44.55	39.60	53.46	44.55	38.19	33.41	29.70	35.64	29.70	25.46	22.28	19.80
	50	3.8	75.24	62.70	53.74	47.03	41.80	56.43	47.03	40.31	35.27	31.35	37.62	31.35	26.87	23.51	20.90
20	30	3.2	63.36	52.80	45.26	39.60	35.20	47.52	39.60	33.94	29.70	26.40	31.68	26.40	22.63	19.80	17.60
	40	3.7	73.26	61.05	52.33	45.79	40.70	54.95	45.79	39.25	34.34	30.53	36.63	30.53	26.16	22.89	20.35
	50	4.1	81.18	67.65	57.99	50.74	45.10	60.89	50.74	43.49	38.05	33.83	40.59	33.83	28.99	25.37	22.55
24	30	3.7	73.26	61.05	52.33	45.79	40.70	54.95	45.79	39.25	34.34	30.53	36.63	30.53	26.16	22.89	20.35
	40	4.2	83.16	69.30	59.40	51.98	46.20	62.37	51.98	44.55	38.98	34.65	41.58	34.65	29.70	25.99	23.10
	50	4.7	93.06	77.55	66.47	58.16	51.70	69.80	58.16	49.85	43.62	38.78	46.53	38.78	33.24	29.08	25.85
30	30	3.9	77.22	64.35	55.16	48.26	42.90	57.92	48.26	41.37	36.20	32.18	38.61	32.18	27.58	24.13	21.45
	40	4.5	89.10	74.25	63.64	55.69	49.50	66.83	55.69	47.73	41.77	37.13	44.55	37.13	31.82	27.84	24.75
	50	4.8	95.04	79.20	67.89	59.40	52.80	71.28	59.40	50.91	44.55	39.60	47.52	39.60	33.94	29.70	26.40

\*Preliminary Data

### CP-59HV / CP-109HV - HIGH VOLUME TURBO FLOATER NOZZLES

#### CPF270T-5ST - 5 STRAIGHT STREAM TIP

			Gallons Per Acre														
Orifice	PSI	Nozzle Capacity GPM	30" Spacing					40" Spacing					60" Spacing				
			10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
5	30	0.6	10.89	9.08	7.78	6.81	6.05	8.17	6.81	5.83	5.10	4.54	5.45	4.54	3.89	3.40	3.03
	40	0.6	12.38	10.31	8.84	7.73	6.88	9.28	7.73	6.63	5.80	5.16	6.19	5.16	4.42	3.87	3.44
	50	0.7	13.86	11.55	9.90	8.66	7.70	10.40	8.66	7.43	6.50	5.78	6.93	5.78	4.95	4.33	3.85
10	30	2.3	45.54	37.95	32.53	28.46	25.30	34.16	28.46	24.40	21.35	18.98	22.77	18.98	16.26	14.23	12.65
	40	2.6	51.48	42.90	36.77	32.18	28.60	38.61	32.18	27.58	24.13	21.45	25.74	21.45	18.39	16.09	14.30
	50	3.0	59.40	49.50	42.43	37.13	33.00	44.55	37.13	31.82	27.84	24.75	29.70	24.75	21.21	18.56	16.50
15	30	2.1	41.58	34.65	29.70	25.99	23.10	31.19	25.99	22.28	19.49	17.33	20.79	17.33	14.85	12.99	11.55
	40	2.5	49.50	41.25	35.36	30.94	27.50	37.13	30.94	26.52	23.20	20.63	24.75	20.63	17.68	15.47	13.75
	50	2.8	55.44	46.20	39.60	34.65	30.80	41.58	34.65	29.70	25.99	23.10	27.72	23.10	19.80	17.33	15.40
20	30	3.0	59.40	49.50	42.43	37.13	33.00	44.55	37.13	31.82	27.84	24.75	29.70	24.75	21.21	18.56	16.50
	40	3.5	69.30	57.75	49.50	43.31	38.50	51.98	43.31	37.13	32.48	28.88	34.65	28.88	24.75	21.66	19.25
	50	3.9	77.22	64.35	55.16	48.26	42.90	57.92	48.26	41.37	36.20	32.18	38.61	32.18	27.58	24.13	21.45
30	30	3.9	77.22	64.35	55.16	48.26	42.90	57.92	48.26	41.37	36.20	32.18	38.61	32.18	27.58	24.13	21.45
	40	4.5	89.10	74.25	63.64	55.69	49.50	66.83	55.69	47.73	41.77	37.13	44.55	37.13	31.82	27.84	24.75
	50	5.0	99.00	82.50	70.71	61.88	55.00	74.25	61.88	53.04	46.41	41.25	49.50	41.25	35.36	30.94	27.50
40	30	3.9	77.22	64.35	55.16	48.26	42.90	57.92	48.26	41.37	36.20	32.18	38.61	32.18	27.58	24.13	21.45
	40	4.5	89.10	74.25	63.64	55.69	49.50	66.83	55.69	47.73	41.77	37.13	44.55	37.13	31.82	27.84	24.75
	50	5.0	99.00	82.50	70.71	61.88	55.00	74.25	61.88	53.04	46.41	41.25	49.50	41.25	35.36	30.94	27.50
50	30	4.2	83.16	69.30	59.40	51.98	46.20	62.37	51.98	44.55	38.98	34.65	41.58	34.65	29.70	25.99	23.10
	40	4.7	93.06	77.55	66.47	58.16	51.70	69.80	58.16	49.85	43.62	38.78	46.53	38.78	33.24	29.08	25.85
	50	5.2	102.96	85.80	73.54	64.35	57.20	77.22	64.35	55.16	48.26	42.90	51.48	42.90	36.77	32.18	28.60
60	30	4.2	83.16	69.30	59.40	51.98	46.20	62.37	51.98	44.55	38.98	34.65	41.58	34.65	29.70	25.99	23.10
	40	4.8	95.04	79.20	67.89	59.40	52.80	71.28	59.40	50.91	44.55	39.60	47.52	39.60	33.94	29.70	26.40
	50	5.2	102.96	85.80	73.54	64.35	57.20	77.22	64.35	55.16	48.26	42.90	51.48	42.90	36.77	32.18	28.60

\*Preliminary Data

