

CP PRODUCTS

CP-59HV and CP-109HV TURBO FLOATER NOZZLES


Orifice/Tip Combinations

Orifice and Tip #			Gallons Per Acre														
			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 #12	30	0.87	17.2	14.3	12.3	10.7	9.5	12.9	10.7	9.2	8.0	7.1	8.6	7.1	6.1	5.4	4.8
	40	1.00	19.8	16.5	14.1	12.4	11.0	14.9	12.4	10.6	9.3	8.3	9.9	8.3	7.1	6.2	5.5
	50	1.12	22.1	18.5	15.8	13.8	12.3	16.6	13.8	11.9	10.4	9.2	11.1	9.2	7.9	6.9	6.2
10 #12	30	1.73	34.3	28.6	24.5	21.4	19.1	25.7	21.4	18.4	16.1	14.3	17.2	14.3	12.3	10.7	9.5
	40	2.00	39.6	33.0	28.3	24.8	22.0	29.7	24.8	21.2	18.6	16.5	19.8	16.5	14.1	12.4	11.0
	50	2.24	44.3	36.9	31.6	27.7	24.6	33.2	27.7	23.7	20.8	18.5	22.1	18.5	15.8	13.8	12.3
15 #35	30	2.60	51.4	42.9	36.7	32.2	28.6	38.6	32.2	27.6	24.1	21.4	25.7	21.4	18.4	16.1	14.3
	40	3.00	59.4	49.5	42.4	37.1	33.0	44.6	37.1	31.8	27.8	24.8	29.7	24.8	21.2	18.6	16.5
	50	3.35	66.4	55.3	47.4	41.5	36.9	49.8	41.5	35.6	31.1	27.7	33.0	27.7	23.7	20.8	18.5
15 #12	30	1.69	33.6	28.0	24.0	21.0	18.6	26.2	21.0	18.0	15.7	14.0	16.8	14.0	12.0	10.5	9.3
	40	1.97	39.0	32.5	27.9	24.4	21.7	29.3	24.4	20.9	18.3	16.3	19.5	16.3	13.9	12.2	10.8
	50	2.20	43.6	36.3	31.2	27.3	24.2	32.7	27.3	23.4	20.4	18.2	21.8	18.2	15.6	13.6	12.1
20 #35	30	3.46	68.6	57.2	49.0	42.9	38.1	51.4	42.9	36.7	32.2	28.6	34.3	28.6	24.5	21.4	19.1
	40	4.00	79.2	66.0	56.6	49.5	44.0	59.4	49.5	42.4	37.1	33.0	39.6	33.0	28.3	24.8	22.0
	50	4.47	88.6	73.8	63.3	55.3	49.2	66.4	55.3	47.4	41.5	36.9	44.3	36.9	31.6	27.7	24.6
20 #12	30	1.89	37.5	31.2	26.8	23.4	20.8	28.1	23.4	20.1	17.6	15.6	18.7	15.6	13.4	11.7	10.4
	40	2.20	43.6	36.3	31.1	27.2	24.2	32.7	27.2	23.3	20.4	18.2	21.8	18.2	15.6	13.6	12.1
	50	2.46	48.7	40.6	34.8	30.4	27.1	36.5	30.4	26.1	22.8	20.3	24.4	20.3	17.4	15.2	13.5
30 #35	30	5.20	102.9	85.7	73.5	64.3	57.2	77.2	64.3	55.1	48.2	42.9	51.4	42.9	36.7	32.2	28.6
	40	6.00	118.8	99.0	84.9	74.3	66.0	89.1	74.3	63.6	55.7	49.5	59.4	49.5	42.4	37.1	33.0
	50	6.71	132.8	110.7	94.9	83.0	73.8	99.6	83.0	71.2	62.3	55.3	66.4	55.3	47.4	41.5	36.9
30 #12	30	2.09	41.4	34.5	29.6	25.9	23.0	31.0	25.9	22.2	19.4	17.2	20.7	17.2	14.8	12.9	11.5
	40	2.43	48.1	40.1	34.4	30.1	26.7	36.1	30.1	25.8	22.6	20.1	24.1	20.1	17.2	15.0	13.4
	50	2.72	53.8	44.8	38.4	33.6	29.9	40.4	33.6	28.8	25.2	22.4	26.9	22.4	19.2	16.8	14.9
40 #60	30	6.93	137.2	114.3	98.0	85.7	76.2	102.9	85.7	73.5	64.3	57.2	68.6	57.2	49.0	42.9	38.1
	40	8.00	158.4	132.0	113.1	99.0	88.0	118.8	99.0	84.9	74.3	66.0	79.2	66.0	56.6	49.5	44.0
	50	8.94	177.1	147.6	126.5	110.7	98.4	132.8	110.7	94.9	83.0	73.8	88.6	73.8	63.3	55.3	49.2
40 #35	30	5.28	104.5	87.1	74.6	65.3	58.0	78.3	65.3	56.0	49.0	43.5	52.2	43.5	37.3	32.6	29.0
	40	6.13	121.5	101.2	86.8	75.9	67.5	91.1	75.9	65.1	56.9	50.6	60.7	50.6	43.4	38.0	33.7
	50	6.86	135.8	113.2	97.0	84.9	75.4	101.9	84.9	72.8	63.7	56.6	67.9	56.6	48.5	42.4	37.7
50 #60	30	8.66	171.5	142.9	122.5	107.2	95.3	128.6	107.2	91.9	80.4	71.5	85.7	71.5	61.2	53.6	47.6
	40	10.00	198.0	165.0	141.4	123.8	110.0	148.5	123.8	106.1	92.8	82.5	99.0	82.5	70.7	61.9	55.0
	50	11.18	221.4	184.5	158.0	138.4	123.0	166.0	138.4	118.6	103.8	92.2	110.7	92.2	79.1	69.2	61.5
50 #35	30	5.77	114.3	95.2	81.6	71.4	63.5	85.7	71.4	61.2	53.6	47.6	57.1	47.6	40.8	35.7	31.8
	40	6.71	132.9	110.7	94.9	83.1	73.8	99.7	83.1	71.2	62.3	55.4	66.4	55.4	47.5	41.5	36.9
	50	7.50	148.6	123.8	106.1	92.9	82.5	111.4	92.9	79.6	69.7	61.2	74.3	61.9	53.1	46.4	41.3
60 #60	30	10.39	205.8	171.5	147.0	128.6	114.3	154.3	128.6	110.2	96.5	85.7	102.9	85.7	73.5	64.3	57.2
	40	12.00	237.6	198.0	169.7	148.5	132.0	178.2	148.5	127.3	111.4	99.0	118.8	99.0	84.9	74.3	66.0
	50	13.42	265.7	221.4	189.8	166.0	147.6	199.2	166.0	142.3	124.5	110.7	132.8	110.7	94.9	83.0	73.8
60 #35	30	6.07	120.3	100.2	85.9	75.2	66.8	90.2	75.2	64.4	56.4	50.1	60.1	50.1	43.0	37.6	33.4
	40	7.06	139.8	116.5	99.9	87.4	77.7	104.9	87.4	74.9	65.6	58.3	69.9	58.3	49.9	43.7	38.8
	50	7.90	156.3	130.3	111.7	97.7	86.9	117.3	97.7	83.8	73.3	65.1	78.2	65.1	55.8	48.9	43.4

Data for CP's Low Volume Sprayer Turbo Nozzles developed by Dr. Womac, Ph.D., P.E., Assoc. Prof., University of Tennessee Institute of Agriculture.

* Always read the product label to determine which spray quality is required

Spray Quality Classification*	VMD
Medium (M)	Between 236-340
Coarse (C)	Between 341-403
Very Coarse (VC)	Between 404-502
Extremely Coarse (XC)	Between 503-665
Ultra Coarse (UC)	Over 665

CP Products, part of the  family

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