Roadside and Right-of-Way Application Chart. Find the Boom Buster Nozzle that is just right for your application needs.

Model	PSI	GPM	Range (feet)	Nozzle angle	Speed (mph) 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
125-R 1/4" Pipe Thread	30	1.7	16	LEVEL	11	9	8	7	6	5																				
	40	2			13	11	9	8	7	6																				
120-5R 1/4" Pipe Thread	30	1.7	5	DOWN	34	28	24	21	19	17	15	14	13	12	11	11	10	9	9	8	8	8	7	7	7	6	6	6	6	6
	40	2			40	33	28	25	22	20	18	17	15	14	13	12	12	11	10	10	9	9	9	8	8	8	7	7	7	7
	50	2.2			44	36	31	27	24	22	20	18	17	16	15	14	13	12	11	11	10	10	9	9	9	8	8	8	8	7
140-R 1/4" Pipe Thread	30	2	17	LEVEL	12	10	9	8	7	6	5.5	5.0	4.6	4.3	4.0	3.8	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0
	40	2.4			14	12	10	9	8	7	6.5	6.0	5.5	5.1	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
	50	2.7			16	14	12	10	9	8	7.4	6.8	6.2	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7
180-6R 3/8' Pipe Thread	30	3.6	6	DOWN	59	50	42	37	33	30	27	25	23	21	20	19	17	17	16	15	14	14	13	12	12	11	11	11	10	10
	40	4.3			71	59	51	44	39	35	32	30	27	25	24	22	21	20	19	18	17	16	15	15	14	14	13	13	12	12
	50	4.8			79	66	57	50	44	40	36	33	30	28	26	25	23	22	21	20	19	18	17	17	16	15	15	14	14	13
180-10R 3/8" Pipe Thread	30	3.6	10	DOWN	36	30	25	22	20	18	16	15	14	13	12	11	10	10	9	9	8	8	8	7	7	7	7	6	6	6
	40	4.3			43	35	30	27	24	21	19	18	16	15	14	13	13	12	11	11	10	10	9	9	9	8	8	8	7	7
	50	4.8			48	40	34	30	26	24	22	20	18	17	16	15	14	13	13	12	11	11	10	10	10	9	9	8	8	8
187-R 3/8' Pipe Thread	30	3.6	19	LEVEL	19	16	14	12	11	10	9	8	7	6.9	6.4	6	5.7	5.4	5.1	4.8	4.6	4.4	4.2	4.0	3.9	3.7	3.6	3.4	3.3	3.2
	40	4.3			23	19	16	14	13	12	10	10	9	8.2	7.7	7	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6	4.4	4.3	4.1	4.0	3.8
	50	4.8			26	21	18	16	14	13	12	11	10	9.2	8.6	8	7.6	7.1	6.8	6.4	6.1	5.8	5.6	5.4	5.1	4.9	4.8	4.6	4.4	4.3
260-5R 1/2" Pipe Thread	30	6.8	5	DOWN	135	112	96	84	75	67	61	56	52	48	45	42	40	37	35	34	32	31	29	28	27	26	25	24	23	22
	40	8			158	132	113	99	88	79	72	66	61	57	53	50	47	44	42	40	38	36	34	33	32	30	29	28	27	26
	50	8.8			174	145	124	109	97	87	79	73	67	62	58	54	51	48	46	44	41	40	38	36	35	34	32	31	30	29
260-11R 1/2" Pipe Thread	30	6.8	11	DOWN	61	51	44	38	34	31	28	26	24	22	20	19	18	17	16	15	15	14	13	13	12	12	11	11	11	10
	40	8			72	60	51	45	40	36	33	30	28	26	24	23	21	20	19	18	17	16	16	15	14	14	13	13	12	12
	50	8.8			79	66	57	50	44	40	36	33	30	28	26	25	23	22	21	20	19	18	17	17	16	15	15	14	14	13
265-R 1/2" Pipe Thread	30	6.8	20	LEVEL	35	29	25	22	19	17	16	14	13	12	11.5	11	10.2	9.6	9.1	8.6	8.2	7.8	7.5	7.2	6.9	6.6	6.4	6.2	6.0	5.8
	40	8			41	34	29	25	23	20	18	17	16	15	13.5	13	11.9	11.3	10.7	10.2	9.7	9.2	8.8	8.5	8.1	7.8	7.5	7.3	7.0	6.8
	50	8.8			45	37	32	28	25	22	20	19	17	16	14.9	14	13.1	12.4	11.8	11.2	10.6	10.2	9.7	9.3	8.9	8.6	8.3	8.0	7.7	7.4
370-R 3/4" Pipe Thread	30	14.4	10	DOWN	143	119	102	89	79	71	65	59	55	51	48	45	42	40	38	36	34	32	31	30	29	27	26	25	25	24
	40	16.7			165	138	118	103	92	83	75	69	64	59	55	52	49	46	44	41	39	38	36	34	33	32	31	30	29	28
	50	18.8			186	155	133	116	103	93	85	78	72	66	62	58	55	52	49	47	44	42	40	39	37	36	34	33	32	31
375-R 3/4" Pipe Thread	30	14.4	22	LEVEL	66	55	47	41	37	33	30	28	26	24	22	21	20	18	17	16.6	15.8	15.1	14.4	13.8	13.3	12.8	12.3	11.8	11.4	11.1
	40	16.7			77	64	55	48	43	38	35	32	30	27	26	24	23	21	20	19.2	18.3	17.5	16.7	16.0	15.4	14.8	14.2	13.7	13.3	12.8
	50	18.8			87	72	62	54	48	43	39	36	33	31	29	27	25	24	23	21.6	20.6	19.7	18.8	18.0	17.3	16.6	16.0	15.5	14.9	14.4
437-R 3/4" Pipe Thread	30	18.5	30	UP	62	52	44	39	34	31	28	26	24	22	21	19	18	17	16	15.5	14.8	14.1	13.5	12.9	12.4	11.9	11.5	11.1	10.7	10.3
	40	21.5			72	60	52	45	40	36	33	30	28	26	24	23	21	20	19	18.0	17.2	16.4	15.7	15.0	14.4	13.9	13.4	12.9	12.4	12.0
	50	24.2			81	68	58	51	45	41	37	34	31	29	27	25	24	23	21	20.3	19.3	18.5	17.7	16.9	16.2	15.6	15.0	14.5	14.0	13.5
500-R 1" Pipe Thread	30	29	20	LEVEL	144	120	103	90	80	72	65	60	55	51	48	45	42	40	38	36	34	33	31	30	29	28	27	26	25	24
	40	33			163	136	117	102	91	82	74	68	63	58	54	51	48	45	43	41	39	37	36	34	33	31	30	29	28	27
	50	37			183	153	131	114	102	92	83	76	70	65	61	57	54	51	48	46	44	42	40	38	37	35	34	33	32	31
504-R 1" Pipe Thread	30	29	40	UP	72	60	51	45	40	36	33	30	28	26	24	22	21	20	19	18	17	16	15.6	15.0	14.4	13.8	13.3	12.8	12.4	12.0
	40	33			82	68	58	51	45	41	37	34	31	29	27	26	24	23	21	20	19	19	17.8	17.0	16.3	15.7	15.1	14.6	14.1	13.6
	50	37			92	76	65	57	51	46	42	38	35	33	31	29	27	25	24	23	22	21	19.9	19.1	18.3	17.6	17.0	16.4	15.8	15.3

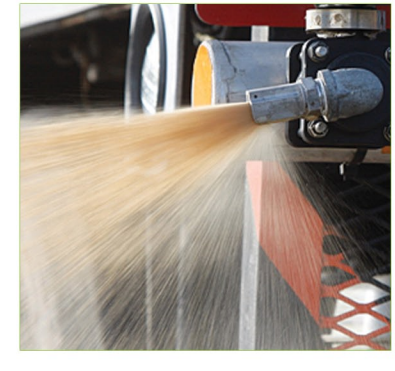
Gallons Per Acre (each nozzle)

less than 10 gallons per acre

10 to 25 gallons per acre

25 to 50 gallons per acre

50+ gallons per acre

PSI – Pounds Per Square Inch

GPM – Gallons Per Minute