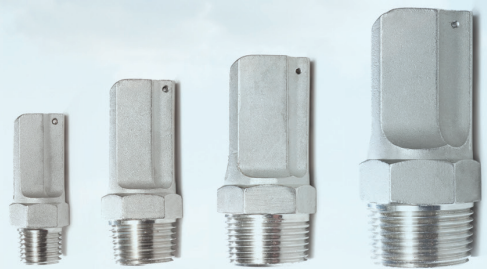


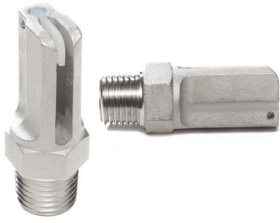


For agricultural and roadside spraying applications, Boom Buster® Spray Nozzles deliver:

- Performance – a variety of spray widths
- Quality – spray pattern consistency and distribution
- Durability – machined from solid stainless steel
- Value – simply the best for boomless spray applications

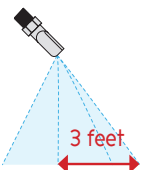
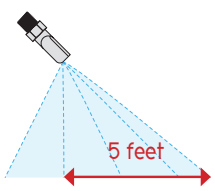
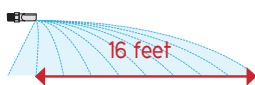
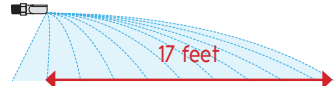
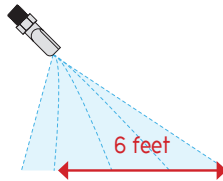
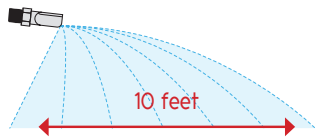
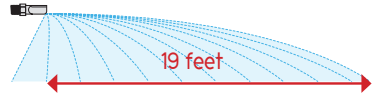


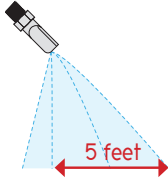
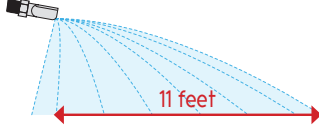
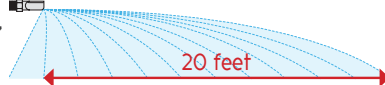
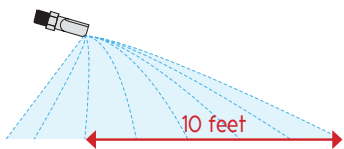
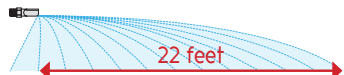
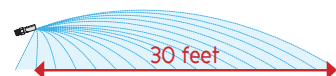
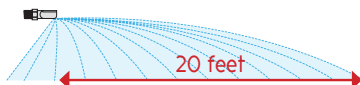
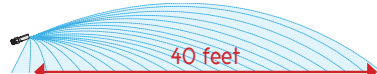
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Nozzle Selection Guide – Agricultural Applications

Boom Buster® Agricultural Spray Nozzles feature large droplet size which reduces spray drift and promotes spray penetration. Particularly useful when spraying herbicides, fungicides, insecticides, fertilizer, nitrogen and foliar feed fertilizers. Ideal for orchards, vineyards, row crops, forestry, pastures, turf, golf-courses, nurseries, ponds, poultry houses and more.

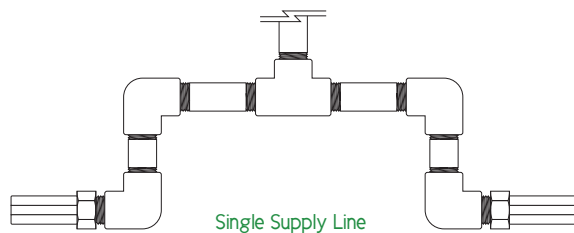
MODEL #	OUTPUT RANGE (gallons per minute)	SPRAY DISTANCE	MOUNTING HEIGHT/ANGLE	MOUNTING (NPT)	SPRAY PATTERN
120-3	1.7-2.2	3 feet	4ft / 30° down 2' / 15° down	1/4"	
120-5	1.7-2.2	5 feet	4ft / 15° down 2' / 7° down	1/4"	
125	1.7-2	16 feet	4ft / level	1/4"	
140	2-2.7	17 feet	4ft / level	1/4"	
180-6	3.6-4.8	6 feet	4ft / 30° down 2' / 15° down	3/8"	
180-10	3.6-4.8	10 feet	4ft / 15° down 2' / 7° down	3/8"	
187	3.6-4.8	19 feet	4ft / level	3/8"	

MODEL #	OUTPUT RANGE (gallons per minute)	SPRAY DISTANCE	MOUNTING HEIGHT/ANGLE	MOUNTING (NPT)	SPRAY PATTERN
260-5	6.8-8.8	5 feet	4ft / 30° down 2' / 15° down	1/2"	
260-11	6.8-8.8	11 feet	4ft / 15° down 2' / 7° down	1/2"	
265	6.8-8.8	20 feet	4ft / level	1/2"	
370	14.4-18.8	10 feet	4ft / 15° down 2' / 7° down	3/4"	
375	14.4-18.8	22 feet	4ft / level	3/4"	
437	18.5-24.2	30 feet	4ft / 15° up	3/4"	
500	29-37	20 feet	4ft / level	1"	
504	29-37	40 feet	4ft / 30° up	1"	

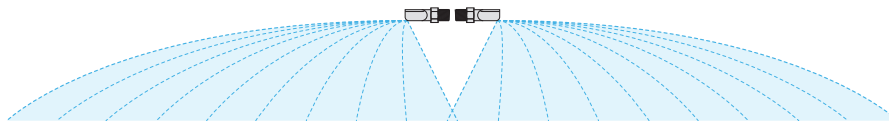
*Nozzle mounting height and angles listed are approximate.

Nozzle Installation & Operation – Agricultural Applications

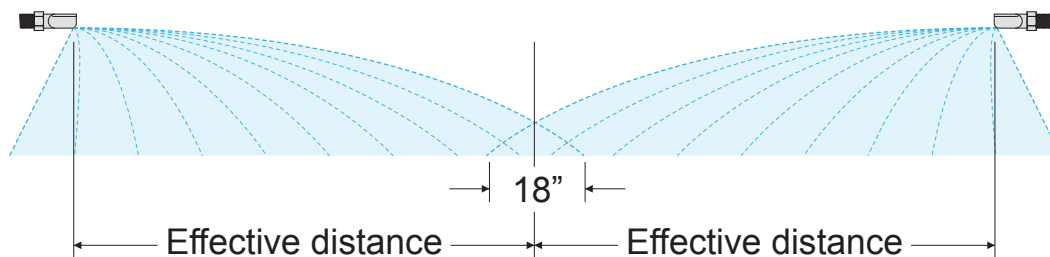
- For single nozzle installation, the supply line from the pump should be one pipe size larger than the nozzle thread size. For example, if the nozzle has a 1/2" thread, the supply line should be 3/4".
- For dual nozzle installation, the supply line should be two sizes larger than the nozzle pipe thread.
- Boom Buster® nozzles are tested at a height of 48" above ground level. They can be mounted lower or higher than 48". This may require adjusting the angle of the nozzle to achieve the correct distance (in feet) as specified in the nozzle selection guide.
- Some Boom Buster® nozzles are designed to be mounted level, while others should be angled either up or down.
- Mounting nozzles on street elbows allows for quick and easy nozzle adjustment. Single and dual supply line installations are illustrated below.



- For dual nozzle installation, nozzles should be mounted close enough together to insure proper overlap.



- In multiple pass spraying, the end of the pattern should overlap approximately 18".



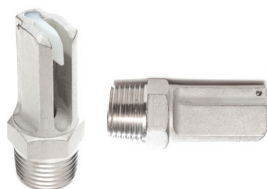
- While small mesh nozzle strainers are not necessary, a coarse mesh inline strainer may be necessary if tank or water supply becomes contaminated with large particles.
- Minimize drift by spraying just above the crop or ground to be sprayed. As with any method of spraying, high or gusty wind can cause some pattern shifting. Always use good judgment when spraying; do not spray in high winds.
- Spray it safe! Always wear protective clothing and handle all chemicals with care.

Boom Buster® nozzles have been tested and classified in accordance with ASABE S-572.1. Certification for all nozzles is available upon request.

Application Chart – Agricultural Applications

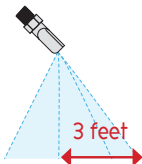
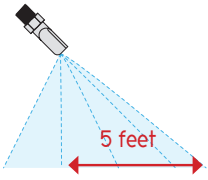
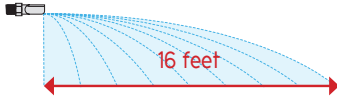
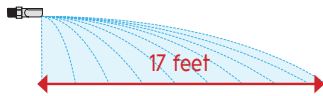
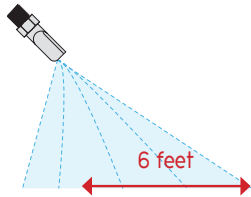
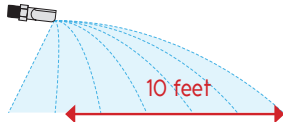
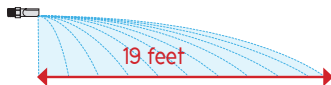
Model	PSI	GPM	Range (ft)	Speed (MPH)														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
125 1/4" Pipe Thread	30	1.7	15.5	54	27	18	14	11	9	8	7	6	5					
	40	2		64	32	21	16	13	11	9	8	7	6					
120-3 1/4" Pipe Thread	30	1.7	3	281	140	94	70	56	47	40	35	31	28	26	23	22	20	19
	40	2		330	165	110	83	66	55	47	41	37	33	30	28	25	24	22
	50	2.2		363	182	121	91	73	61	52	45	40	36	33	30	28	26	24
120-5 1/4" Pipe Thread	30	1.7	5	168	84	56	42	34	28	24	21	19	17	15	14	13	12	11
	40	2		198	99	66	50	40	33	28	25	22	20	18	17	15	14	13
	50	2.2		218	109	73	54	44	36	31	27	24	22	20	18	17	16	15
140 1/4" Pipe Thread	30	2	16.5	60	30	20	15	12	10	9	8	7	6	5.5	5.0	4.6	4.3	6.4
	40	2.4		72	36	24	18	14	12	10	9	8	7	6.5	6.0	5.5	5.1	7.7
	50	2.7		81	41	27	20	16	14	12	10	9	8	7.4	6.8	6.2	5.8	8.6
180-6 3/8" Pipe Thread	30	3.6	6	297	149	99	74	59	50	42	37	33	30	27	25	23	21	20
	40	4.3		355	177	118	89	71	59	51	44	39	35	32	30	27	25	24
	50	4.8		396	198	132	99	79	66	57	50	44	40	36	33	30	28	26
180-10 3/8" Pipe Thread	30	3.6	10	178	89	59	45	36	30	25	22	20	18	16	15	14	13	12
	40	4.3		213	106	71	53	43	35	30	27	24	21	19	18	16	15	14
	50	4.8		238	119	79	59	48	40	34	30	26	24	22	20	18	17	16
187 3/8" Pipe Thread	30	3.6	18.5	96	48	32	24	19	16	14	12	11	10	9	8	7	6.9	6.4
	40	4.3		115	58	38	29	23	19	16	14	13	12	10	10	9	8.2	7.7
	50	4.8		128	64	43	32	26	21	18	16	14	13	12	11	10	9.2	8.6
260-5 1/2" Pipe Thread	30	6.8	5	673	337	224	168	135	112	96	84	75	67	61	56	52	48	45
	40	8		792	396	264	198	158	132	113	99	88	79	72	66	61	57	53
	50	8.8		871	436	290	218	174	145	124	109	97	87	79	73	67	62	58
260-11 1/2" Pipe Thread	30	6.8	11	306	153	102	77	61	51	44	38	34	31	28	26	24	22	20
	40	8		360	180	120	90	72	60	51	45	40	36	33	30	28	26	24
	50	8.8		396	198	132	99	79	66	57	50	44	40	36	33	30	28	26
265 1/2" Pipe Thread	30	6.8	19.5	173	86	58	43	35	29	25	22	19	17	16	14	13	12	12
	40	8		203	102	68	51	41	34	29	25	23	20	18	17	16	15	14
	50	8.8		223	112	74	56	45	37	32	28	25	22	20	19	17	16	15
370 3/4" Pipe Thread	30	14	10	713	356	238	178	143	119	102	89	79	71	65	59	55	51	48
	40	17		827	413	276	207	165	138	118	103	92	83	75	69	64	59	55
	50	19		931	465	310	233	186	155	133	116	103	93	85	78	72	66	62
375 3/4" Pipe Thread	30	14	21.5	332	166	111	83	66	55	47	41	37	33	30	28	26	24	22
	40	17		384	192	128	96	77	64	55	48	43	38	35	32	30	27	26
	50	19		433	216	144	108	87	72	62	54	48	43	39	36	33	31	29
437 3/4" Pipe Thread	30	19	29.5	310	155	103	78	62	52	44	39	34	31	28	26	24	22	21
	40	22		361	180	120	90	72	60	52	45	40	36	33	30	28	26	24
	50	24		406	203	135	102	81	68	58	51	45	41	37	34	31	29	27
500 1" Pipe Thread	30	29	20	718	359	239	179	144	120	103	90	80	72	65	60	55	51	48
	40	33		817	408	272	204	163	136	117	102	91	82	74	68	63	58	54
	50	37		916	458	305	229	183	153	131	114	102	92	83	76	70	65	61
504 1" Pipe Thread	30	29	40	359	179	120	90	72	60	51	45	40	36	33	30	28	26	24
	40	33		408	204	136	102	82	68	58	51	45	41	37	34	31	29	27
	50	37		458	229	153	114	92	76	65	57	51	46	42	38	35	33	31

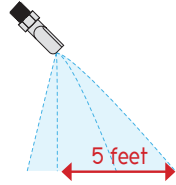
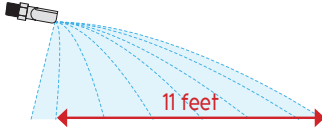
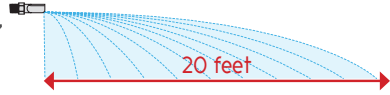
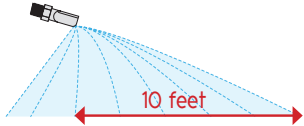
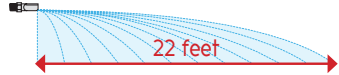
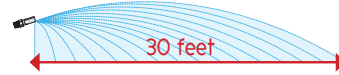
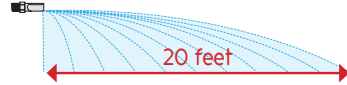
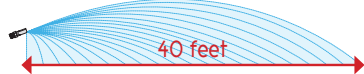
Gallons Per Acre



Nozzle Selection Guide – Roadside/Right-of-Way Applications

Boom Buster® R-model spray nozzles are ideal for spraying fence lines and rights-of-way. Highly effective for de-icing roads and bridges, dust suppression, weed control and fighting grass and brush fires. May be used with tank-mix systems and computer-controlled direct injection systems. Large droplet size allows the user to maintain pattern at higher speeds.

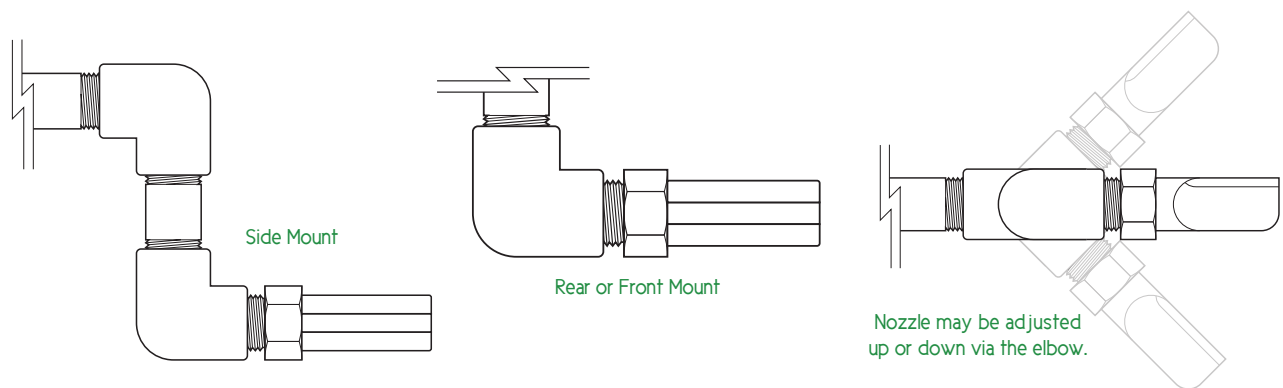
MODEL #	OUTPUT RANGE (gallons per minute)	SPRAY DISTANCE	MOUNTING HEIGHT/ANGLE	MOUNTING (NPT)	SPRAY PATTERN
120-3R	1.7-2.2	3 feet	4ft / 30° down 2' / 15° down	1/4"	
120-5R	1.7-2.2	5 feet	4ft / 15° down 2' / 7° down	1/4"	
125R	1.7-2.0	16 feet	4ft / level	1/4"	
140R	2.0-2.7	17 feet	4ft / level	1/4"	
180-6R	3.6-4.8	6 feet	4ft / 30° down 2' / 15° down	3/8"	
180-10R	3.6-4.8	10 feet	4ft / 15° down 2' / 7° down	3/8"	
187R	3.6-4.8	19 feet	4ft / level	3/8"	

MODEL #	OUTPUT RANGE (gallons per minute)	SPRAY DISTANCE	MOUNTING HEIGHT/ANGLE	MOUNTING (NPT)	SPRAY PATTERN
260-5R	6.8-8.8	5 feet	4ft / 30° down 2' / 15° down	1/2"	
260-11R	6.8-8.8	11 feet	4ft / 15° down 2' / 7° down	1/2"	
265R	6.8-8.8	20 feet	4ft / level	1/2"	
370R	14.4-18.8	10 feet	4ft / 15° down 2' / 7° down	3/4"	
375R	14.4-18.8	22 feet	4ft / level	3/4"	
437R	18.5-24.2	30 feet	4ft / 15° up	3/4"	
500R	29-37	20 feet	4ft / level	1"	
504R	29-37	40 feet	4ft / 30° up	1"	

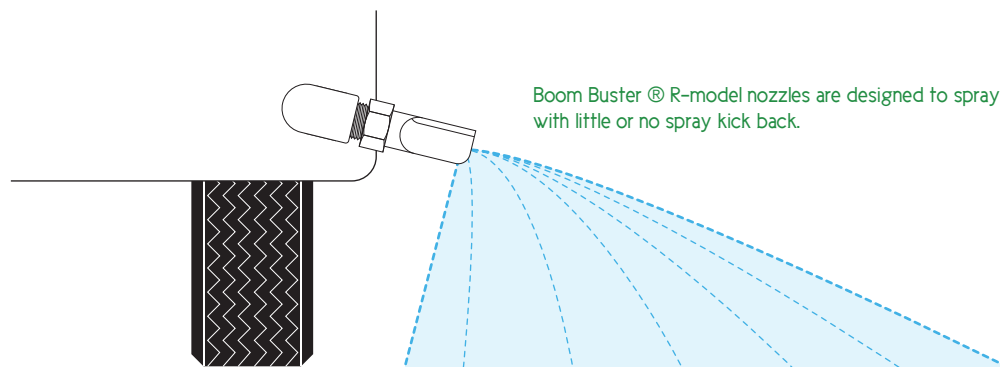
*Nozzle mounting height and angles listed are approximate.

Nozzle Installation & Operation – Roadside/Right of Way Applications

- The supply line from the pump should be one pipe size larger than the nozzle thread size. For example, if the nozzle has a 1/2" thread, the supply line should be 3/4".
- Boom Buster® nozzles are tested at a height of 48" above ground level. They can be mounted lower or higher than 48". This may require adjusting the angle of the nozzle to achieve the correct distance (in feet) as specified in the nozzle selection guide.
- Some Boom Buster® nozzles are designed to be mounted level, while others should be angled either up or down.
- Mounting nozzles on street elbows allows for quick and easy nozzle adjustment. Example mounting options and adjustments are illustrated below.



- In some applications, except for the small nozzles, these nozzles may be operated at speeds up to thirty miles per hour.
- While small mesh nozzle strainers are not necessary, a coarse mesh inline strainer may be necessary if tank or water supply becomes contaminated with large particles.
- Minimize drift by spraying just above the ground to be sprayed. As with any method of spraying, high or gusty wind can cause some pattern shifting. Always use good judgment when spraying; do not spray in high winds.
- Spray it safe! Always wear protective clothing and handle all chemicals with care.



Boom Buster® nozzles have been tested and classified in accordance with ASABE S-572.1. Certification for all nozzles is available upon request.

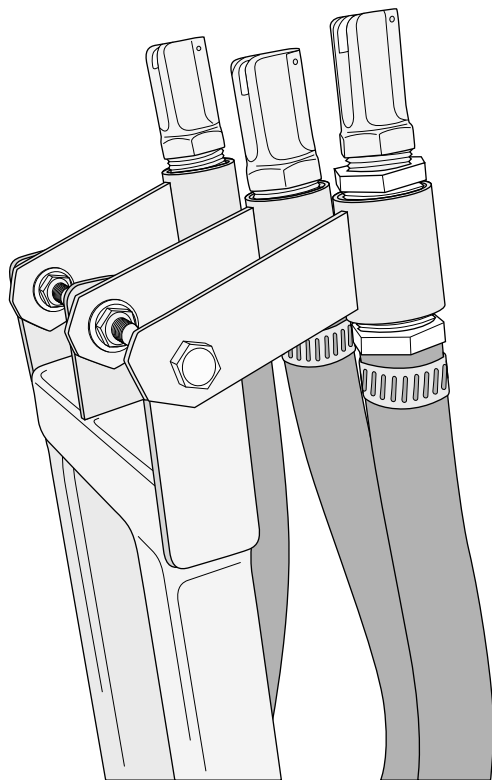
Application Chart – Roadside/Right of Way

Model	PSI	GPM	Range (ft)	Speed (MPH)															
				5	6	8	9	10	12	14	15	16	18	20	22	25	28	30	Gallons Per Acre
125-R 1/4" Pipe Thread	30	1.7	15.5	11	9	7	6	5											
	40	2		13	11	8	7	6											
120-3R 1/4" Pipe Thread	30	1.7	3	56	47	35	31	28	23	20	19	18	16	14	13	11	10	9	
	40	2		66	55	41	37	33	28	24	22	21	18	17	15	13	12	11	
120-5R 1/4" Pipe Thread	30	1.7	5	34	28	21	19	17	14	12	11	11	9	8	8	7	6	6	
	40	2		40	33	25	22	20	17	14	13	12	11	10	9	8	7	7	
140-R 1/4" Pipe Thread	30	2	16.5	12	10	8	7	6	5.0	4.3	4.0	3.8	3.3	3.0	2.7	2.4	2.1	2.0	
	40	2.4		14	12	9	8	7	6.0	5.1	4.8	4.5	4.0	3.6	3.3	2.9	2.6	2.4	
180-6R 3/8" Pipe Thread	30	3.6	6	59	50	37	33	30	25	21	20	19	17	15	14	12	11	10	
	40	4.3		71	59	44	39	35	30	25	24	22	20	18	16	14	13	12	
180-10R 3/8" Pipe Thread	30	3.6	10	36	30	22	20	18	15	13	12	11	10	9	8	7	6	6	
	40	4.3		43	35	27	24	21	18	15	14	13	12	11	10	9	8	7	
187-R 3/8" Pipe Thread	30	3.6	18.5	19	16	12	11	10	8	6.9	6.4	6	5.4	4.8	4.4	3.9	3.4	3.2	
	40	4.3		23	19	14	13	12	10	8.2	7.7	7	6.4	5.8	5.2	4.6	4.1	3.8	
260-5R 1/2" Pipe Thread	30	6.8	5	135	112	84	75	67	56	48	45	42	37	34	31	27	24	22	
	40	8		158	132	99	88	79	66	57	53	50	44	40	36	32	28	26	
260-11R 1/2" Pipe Thread	30	6.8	11	61	51	38	34	31	26	22	20	19	17	15	14	12	11	10	
	40	8		72	60	45	40	36	30	26	24	23	20	18	16	14	13	12	
265-R 1/2" Pipe Thread	30	6.8	19.5	35	29	22	19	17	14	12	11.5	11	9.6	8.6	7.8	6.9	6.2	5.8	
	40	8		41	34	25	23	20	17	15	13.5	13	11.3	10.2	9.2	8.1	7.3	6.8	
370-R 3/4" Pipe Thread	30	14	10	143	119	89	79	71	59	51	48	45	40	36	32	29	25	24	
	40	17		165	138	103	92	83	69	59	55	52	46	41	38	33	30	28	
375-R 3/4" Pipe Thread	30	14	21.5	66	55	41	37	33	28	24	22	21	18	16.6	15.1	13.3	11.8	11.1	
	40	17		77	64	48	43	38	32	27	26	24	21	19.2	17.5	15.4	13.7	12.8	
437-R 3/4" Pipe Thread	30	19	29.5	62	52	39	34	31	26	22	21	19	17	15.5	14.1	12.4	11.1	10.3	
	40	22		72	60	45	40	36	30	26	24	23	20	18.0	16.4	14.4	12.9	12.0	
500-R 1" Pipe Thread	30	29	20	144	120	90	80	72	60	51	48	45	40	36	33	29	26	24	
	40	33		163	136	102	91	82	68	58	54	51	45	41	37	33	29	27	
504-R 1" Pipe Thread	30	29	40	72	60	45	40	36	30	26	24	22	20	18	16	14.4	12.8	12.0	
	40	33		82	68	51	45	41	34	29	27	26	23	20	19	16.3	14.6	13.6	

Right-of-Way Spraying Combinations

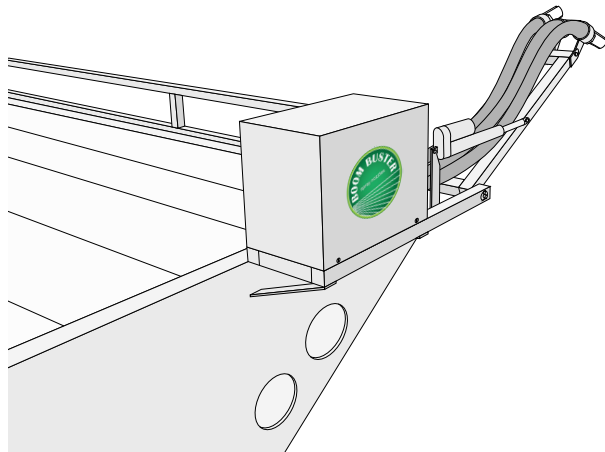
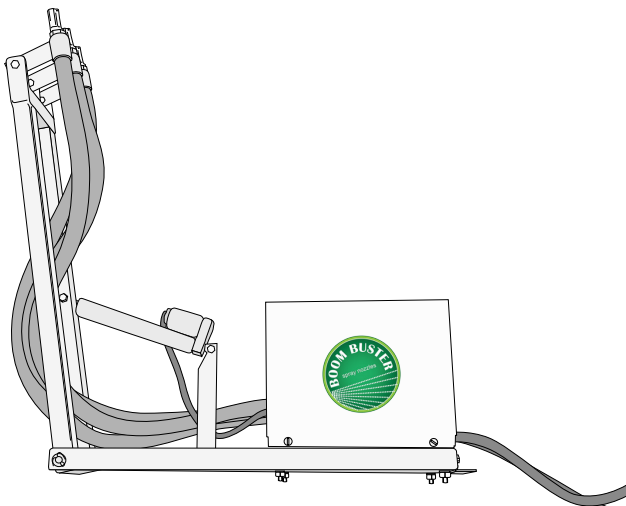
The sizes and combinations listed in the chart are ideal for right of way spraying with tank mix systems, as well as computer-controlled direct-injection systems. Each nozzle is designed to spray a specific pattern width, yet all nozzles listed in the combinations below will apply the same amount of liquid per acre at the same speed, and at the same pressure. Unlike cluster nozzles which require several straight stream nozzles to spray a given distance, each Boom Buster® nozzle sprays the entire distance of the pattern as listed in the application chart.

Nozzle Combinations for Speeds from 5-10mph		
Mod 120-5R Band Width - 5ft	Mod 180-10R Band Width - 10ft	Mod 265-R Band Width - 19.5ft
Nozzle Combinations for Speeds from 7-15mph		
Mod 180-6R Band Width - 6ft	Mod 260-11R Band Width - 11ft	Mod 375-R Band Width - 21.5ft
Nozzle Combinations for Speeds from 15-30mph		
Mod 260-5R Band Width - 5ft	Mod 370-R Band Width - 10ft	Mod 500-R Band Width - 20ft



Boom Buster® Right-of-Way Spray Unit

Our R.O.W. spray unit is designed with features most requested by applicators and we build each unit to order. Built with the durability you expect from Boom Buster®, the R.O.W. spray unit is equipped with your choice of three spray nozzles, all of which may be individually controlled from the in-cab console. Using R.O.W. spray unit nozzle combinations, each nozzle will spray a different band width, yet all nozzles apply the same amount of spray per acre at the same speed and pressure. Please refer to the nozzle combination chart above for the right combination for your application needs.





De-Icing Applications

Boom Buster® spray nozzles offer a wide range of spray distances and outputs, giving operators flexibility in applying de-icing materials. Effective for smaller areas such as sidewalks as well as for covering long distances on the highway at a reasonable speed. Ideal for de-icing bridges, runways and parking lots.

Boom Buster®: Simply the Best Since 1984

For all agricultural and roadside applications, Boom Buster® spray nozzles are simply the best at what they do. For over thirty years, Evergreen Products has been proud to bring you the proven, unsurpassed quality and durability of Boom Buster® spray nozzles. Especially useful when conventional booms can't be used due to a variety of spray obstacles, from rough to uneven terrain, pylons to fences, trees and more. Boom Buster® spray nozzles deliver a range of benefits including:

- Excellent pattern consistency and distribution •
- Durable stainless steel construction with factory-replaceable, industrial-grade nylon diffusers •
- Use of standard pipe threads •

Applications include a variety of uses:

Agriculture – orchards, vineyards, vegetables, nurseries, weeds, row crops, pastures, poultry houses

Highway and Utility Maintenance

Railroads

De-Icing

Fire Suppression

Forestry

Golf-Course Maintenance

Nursery Seedling Stock

Insect Control – and more!

Specifically within those applications, Boom Buster® spray nozzles are used to spray:

Herbicides, fungicides, insecticides

Liquid fertilizers, nitrogen and foliar-feed fertilizers

De-Icing Materials



Evergreen Products

The official manufacturer of Boom Buster® Spray Nozzles

Proudly Made in the USA

www.EvergreenProductsUSA.com



orders@evergreenproductsusa.com
912.756.5599