BOOMMATOR®



BOOMLESS SPRAY NOZZLES

TECHNOLOGY

THAT

WORHS

U.S. and International Patents Pending.



SFRAY NOZZLES

FEATURES, BENEFITS AND APPLICATIONS

BOOMINATOR® FEATURES

- All nozzles are MADE IN THE U.S.A.
- All nozzles carry a 3-YEAR LIMITED WARRANTY against defects in materials and workmanship.
- All nozzles are CNC Machined from stainless steel. NO PLASTIC PARTS to wear out, break or replace.
- All nozzles are INDIVIDUALLY FACTORY TESTED to ensure proper spray pattern.

BOOMINATOR® BENEFITS

- Boominator® nozzles produce a superior spray pattern with even distribution over the entire pattern.
- Boominator® nozzles produce a heavy droplet pattern for minimal drift and better crop penetration.
- Boominator® nozzles can easily spray around obstacles and over uneven terrain.

BOOMINATOR® APPLICATIONS

- De-Icing on roads, bridges, sidewalks, runways and parking lots.
- Spraying fencelines and right-of-ways.
- Dust suppression.
- Lawn, turf and nursery applications.
- Grass fire fighting.
- Orchard, vineyard and vegetable spraying.
- Ponds, lakes, canals. Aquatic pest and weed control.
- Insect control.



TROUBLE SHOOTING BOOMINATOR® SPRAY NOZZLES

PROBLEM	CAUSE	REMEDY
SPRAY PATTERN	Spray pressure is too low Nozzle mounted too low Plumbing components and	 Re-adjust spray pressure Verify correct mounting height Make sure all plumbing
IS SHORT	lines are too small 4) Spray pump is too small	components and lines are large enough Check size of spray pump
END OF SPRAY PATTERN IS HEAVY	Spray pressure is too low Plumbing components and lines are too small	 Re-adjust spray pressure Make sure all plumbing components and lines are large enough
	3) Spray pump is too small	Check size of spray pump Be-adjust spray pressure
CENTER OF SPRAY PATTERN IS LIGHT	 Spray pressure is too high Spray pressure is too low Spray pump is too small 	Re-adjust spray pressureRe-adjust spray pressureCheck size of spray pump
SPRAY PATTERN DOES NOT MEET IN CENTER*	Spray pressure is too low Plumbing components and lines are too small Center mounting distance	 Re-adjust spray pressure Make sure all plumbing components and lines are large enough Refer to nozzle mounting
*Left and Right nozzle together	is too great 4) Nozzles adjusted incorrectly	center distance chart Re-adjust nozzles – rotate downward until spray pattern meets
SPRAY PATTERN IS TOO LONG	Spray pressure is too high Nozzle mounted higher than tested height	Re-adjust spray pressureVerify correct mounting height
EXCESSIVE DRIFT OR PATTERN SHIFTING	Spray pressure is too high Adverse wind conditions	Re-adjust spray pressureWait for calmer conditions

^{*}Spray pressure should always be checked at the nozzle or nozzles, not at the feed pump *All spray nozzles are tested at 30 PSI; operating range 20-40 PSI

SPRAY NOZZLE CONVERSION FORMULAS

Gallons per 1,000 sq. ft. = GPM x 136

MPH x Spray width in inches

Gallons per Acre = GPM x 5940

MPH x Spray width in inches

NOZZLE MOUNTING CENTER DISTANCE CHART

2 – 1/4" Nozzles 3" – 4" Center Distance 2 – 1/2" Nozzles 6" – 7" Center Distance 2 – 1" Nozzles 8" – 9" Center Distance

Tested mounting height of spray nozzles: Short pattern nozzles – 18"

Regular pattern nozzles – 36"

Full spray nozzles - 36"

ECOMPATOR®

SPRAY NOZZLES

Nozzle Installation Tips and Operation

Short Pattern Spray Nozzles

All Short Pattern Spray Nozzles were tested at a height of 18 inches. (Recommended operating height is between 12 & 36 inches.)

These nozzles are designed for left-hand or right-hand mounting and provide an outward to straight downward spray pattern.



Regular Pattern Spray Nozzles

All Regular Pattern Spray Nozzles were tested at a height of 36 inches. (Recommended operating height is between 18 & 48 inches.)

These nozzles are designed for left-hand or right-hand mounting and provide a wide spray pattern with approximately 15° of kickback under the nozzle.

When using left-hand and right-hand nozzles together, adjust nozzles to allow for 1 - 2 inches of kickback overlap between the nozzles to prevent streaking in spray coverage. Nozzles can be rotated to adjust distance of spray pattern outward or amount of kickback under the nozzle.



Full Pattern Spray Nozzles

All Full Pattern Spray Nozzles were tested at a height of 36 inches. (Recommended operating height is between 18 & 48 inches.)

These nozzles are designed to provide a full left-hand to right-hand spray pattern from a single centrally mounted nozzle.



Nozzle Height Adjustment

Nozzles can be used at various heights within the recommended range. However, this will affect the spray pattern width and the gallons per acre (GPA) applied.

Multi-Pass Spraying

When multi-pass spraying, be sure to overlap the ends of spray patterns 12 - 16 inches to ensure even coverage.



Adverse Wind Conditions

With boomless spray nozzles, as with other spraying methods, high or gusty wind conditions can cause drifting or pattern movements, adversely affecting spray coverage. If this occurs, wait for more favorable conditions before continuing.

Plumbing Requirements

Make sure that all plumbing and feed lines can properly supply the nozzle or nozzles at their rated GPM and PSI.

Spraying Safety

ALWAYS WEAR PROTECTIVE CLOTHING WHEN SPRAYING AND / OR HANDLING ANY AND ALL CHEMICALS.

SHORT PATTERN

1			SPRAY			3		D (MF					200	-20		9.00	
<u> 199</u>	PSI	GPM	PATTERN	2	3 4	5	6	7 8			11	12	927				-
S .	20	1.5	3 ft.	124 8	33 62			35 3			23	21					
1253 RIGHT or LEFT	20 30	1.5	3 ft.	140 9				40 3		25 28	26	23		b _			
· \	40	2.0	3 ft.	165 1				47 4		33	30	28					
			CDDAY				DEE	D /AAF	\1 1\	0000	- 46	STORY.					
1255 RIGHT or LEFT	PSI	GPM	SPRAY PATTERN	2	3 4	5	6	D (MF	-	10	11	12					
1255 GHT or LEF	POI	GFIVI	PALIENN		0 4			PER			- ' '	12					
Ñ ⊨	20	1.5	5 ft.	74 5	50 37			21 1		15	14	12					
一 💆	30	1.7	5 ft.		6 42			24 2		17	15	14					
<u> </u>	40	2.0	5 ft.	99 6	66 50	40	33	28 2	5 22	20	18	17					
i.			SPRAY			5	SPEE	D (MF	PH)								
4 =	PSI	GPM	PATTERN	2	3 4	5	6	7 8	_	10	11	12					
1404 RIGHT or LEFT	00	4 7	4 44	105 -	70 F.O	_		PER			10	10					
1	20 30	1.7 2.0	4 ft. 4 ft.	105 7 124 8				30 2 35 3		21 25	19 23	18 21					
. E	40	2.5	4 ft.	155 1				44 3		31	28	26				5-	
-		75.40			1577	1500	N.A.	Mile Call	V (715)	79520	1000	6000			SHC	KI	
1406	PSI	GPM	SPRAY PATTERN	2	3 4	5	6	D (MF 7 8	-	10	11	12		B	ATT	ERN	
1406 GHT or LEF	POI	GPIVI	PALIENN		3 4			PER			- 1 1	12		9	SPF	Αν	
4 °	20	1.7	6 ft.	70 4	17 35			20 1		14	13	12					
<u> </u>	30	2.0	6 ft.		55 41	33		24 2		17	15	14		N	OZZ	4LE	5
	40	2.5	6 ft.	103 6	59 52	41	34	30 2	6 23	21	19	17					MB
Ŀ.			SPRAY						S	PEE	D (M	PH)					
			01 11/41						_		_ (·· · · ,					
6	PSI	GPM	PATTERN	2	3	4	5	6	7	8	9	10		12	13	14	15
~ ~			PATTERN						7 GALL	8 . ONS	9 PE I	10 R AC	RE				-
~ ~		3.0	PATTERN 6 ft.	124	83	62	50	41	7 GALL 35	8 . ONS 31	9 PE l 28	10 R AC 25	RE 23	21	19	18	17
1876 RIGHT or LEF			PATTERN						7 GALL	8 . ONS	9 PE I	10 R AC 25 29	23 26				-
187 RIGHT or	20 30 40	3.0 3.5	PATTERN 6 ft. 6 ft. 6 ft.	124 144	83 96	62 72	50 58	41 48	7 GALL 35 41 51	8 ONS 31 36 44	9 PEI 28 32 39	10 R AC 25 29 35	23 26	21 24	19 22	18 21	17 19
187 RIGHT or	20 30 40	3.0 3.5 4.3	6 ft. 6 ft. 6 ft. 5 FRAY	124 144 177	83 96 118	62 72 89	50 58 71	41 48 59	7 GALL 35 41 51	8 .ONS 31 36 44 PEE	9 PEI 28 32 39 D (M	10 R AC 25 29 35	23 26 32	21 24 30	19 22 27	18 21 25	17 19 24
187 RIGHT or	20 30 40	3.0 3.5	PATTERN 6 ft. 6 ft. 6 ft.	124 144	83 96	62 72	50 58	41 48	7 GALL 35 41 51	8 .ONS 31 36 44 PEE	9 28 32 39 D (M	10 R AC 25 29 35 IPH)	23 26 32	21 24	19 22	18 21	17 19
187 RIGHT or	20 30 40	3.0 3.5 4.3 GPM 3.0	6 ft. 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft.	124 144 177 2 74	83 96 118 3	62 72 89 4 37	50 58 71 5	41 48 59 6	7 GALL 35 41 51 51 S 7 GALL 21	8 .ONS 31 36 44 PEE 8 .ONS	9 PEI 28 32 39 D (M 9 PEI 17	10 R AC 25 29 35 IPH) 10 R AC	23 26 32 11 RE 14	21 24 30 12	19 22 27 13	18 21 25 14	17 19 24 15
187 RIGHT or	20 30 40 PSI 20 30	3.0 3.5 4.3 GPM 3.0 3.5	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft. 10 ft.	124 144 177 2 74 87	83 96 118 3 50 58	62 72 89 4 37 43	50 58 71 5 30 35	41 48 59 6 25 29	7 GALL 35 41 51 S 7 GALL 21 25	8 31 36 44 PEE 8 ONS 19 22	9 28 32 39 D (M 9 PEI 17	10 R AC 25 29 35 IPH) 10 R AC 15	23 26 32 11 RE 14 16	21 24 30 12 13 15	19 22 27 13 12 13	18 21 25 14 11 12	17 19 24 15 10 11
187 T RIGHT or	20 30 40	3.0 3.5 4.3 GPM 3.0	PATTERN 6 ft. 6 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft.	124 144 177 2 74	83 96 118 3 50 58	62 72 89 4 37	50 58 71 5	41 48 59 6	7 GALL 35 41 51 S 7 GALL 21 25 30	8 31 36 44 PEE 8 .ONS 19 22 27	9 S PEI 28 32 39 D (M 9 PEI 17 19 24	10 R AC 25 29 35 PPH) 10 R AC 15 17 21	23 26 32 11 RE 14	21 24 30 12	19 22 27 13	18 21 25 14	17 19 24 15
1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft. SPRAY	124 144 177 2 74 87 106	83 96 118 3 50 58 71	62 72 89 4 37 43 53	50 58 71 5 30 35 43	41 48 59 6 25 29 35	7 GALL 35 41 51 51 S 7 GALL 21 25 30	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27	9 S PEI 28 32 39 D (M 9 5 PEI 17 19 24	10 R AC 25 29 35 PH) 10 R AC 15 17 21	23 26 32 11 RE 14 16 19	21 24 30 12 13 15 18	19 22 27 13 12 13 16	18 21 25 14 11 12 15	17 19 24 15 10 11 14
1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 6 ft. 6 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft.	124 144 177 2 74 87	83 96 118 3 50 58	62 72 89 4 37 43	50 58 71 5 30 35	41 48 59 6 25 29	7 GALL 35 41 51 7 GALL 21 25 30	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27	9 PEI 28 32 39 D (M 9 PEI 17 19 24 D (M 9	10 R AC 25 29 35 PH) 10 R AC 15 17 21	23 26 32 11 RE 14 16 19	21 24 30 12 13 15	19 22 27 13 12 13	18 21 25 14 11 12	17 19 24 15 10 11
1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft. SPRAY PATTERN	124 144 177 2 74 87 106	83 96 118 3 50 58 71	62 72 89 4 37 43 53	50 58 71 5 30 35 43	41 48 59 6 25 29 35	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27	9 PEI 28 32 39 D (M 9 PEI 17 19 24 D (M 9	10 R AC 25 29 35 IPH) 10 R AC 15 17 21 IPH) 10 R AC	23 26 32 11 RE 14 16 19	21 24 30 12 13 15 18	19 22 27 13 12 13 16	18 21 25 14 11 12 15	17 19 24 15 10 11 14
1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft. SPRAY	124 144 177 2 74 87 106	83 96 118 3 50 58 71 3	62 72 89 4 37 43 53	50 58 71 5 30 35 43	41 48 59 6 25 29 35	7 GALL 35 41 51 7 GALL 21 25 30	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27	9 PEI 28 32 39 D (M 9 PEI 17 19 24 D (M 9	10 R AC 25 29 35 IPH) 10 R AC 15 17 21 IPH) 10 R AC	23 26 32 11 RE 14 16 19	21 24 30 12 13 15 18	19 22 27 13 12 13 16	18 21 25 14 11 12 15	17 19 24 15 10 11 14
187 RIGHT or	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft. 10 ft. 10 ft. The state of the sta	124 144 177 2 74 87 106	83 96 118 3 50 58 71 3 111 124	62 72 89 4 37 43 53	50 58 71 5 30 35 43 5	41 48 59 6 25 29 35 6	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL 47	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27 PEE 8 .ONS	9 PEI 28 32 39 PEI 17 19 24 PEI 37	10 R AC 25 29 35 IPH) 10 R AC 15 17 21 IPH) 10 R AC 33 37	23 26 32 11 RE 14 16 19 11 RE 30 34	21 24 30 12 13 15 18	19 22 27 13 12 13 16	18 21 25 14 11 12 15	17 19 24 15 10 11 14 15
2651 1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7 7.5	PATTERN 6 ft. 6 ft. 6 ft. SPRAY PATTERN 10 ft.	124 144 177 2 74 87 106 2 166 186	83 96 118 3 50 58 71 3 111 124	62 72 89 4 37 43 53 4 83 93	50 58 71 5 30 35 43 5 66 74	41 48 59 6 25 29 35 6 55 62	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL 47 53 60	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27 PEE 8 .ONS 41 46 53	9 PEI 28 32 39 PEI 17 19 24 PEI 37 41 47	10 R AC 25 29 35 IPH) 10 R AC 15 17 21 IPH) 10 R AC 33 37 42	23 26 32 11 RE 14 16 19 11 RE 30 34	21 24 30 12 13 15 18 12 28 31	19 22 27 13 12 13 16	18 21 25 14 11 12 15 14 24 27	17 19 24 15 10 11 14 15 22 25
2651 1871 187 T RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7 7.5 8.5	PATTERN 6 ft. 6 ft. 5 ft. SPRAY PATTERN 10 ft.	124 144 177 2 74 87 106 2 166 186	83 96 118 3 50 58 71 3 111 124	62 72 89 4 37 43 53 4 83 93	50 58 71 5 30 35 43 5 66 74	41 48 59 6 25 29 35 6 55 62	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL 47 53 60	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27 PEE 8 .ONS 41 46	9 PEI 28 32 39 PEI 17 19 24 PEI 37 41 47	10 R AC 25 29 35 IPH) 10 R AC 15 17 21 IPH) 10 R AC 33 37 42	23 26 32 11 RE 14 16 19 11 RE 30 34 38	21 24 30 12 13 15 18 12 28 31	19 22 27 13 12 13 16	18 21 25 14 11 12 15 14 24 27	17 19 24 15 10 11 14 15 22 25
21 2651 1871 187 91 LEFT RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40 PSI	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7 7.5 8.5	PATTERN 6 ft. 6 ft. 6 ft. 7 ft. 10 ft. 10 ft. 10 ft. 10 ft. 10 ft. SPRAY PATTERN 10 ft. SPRAY PATTERN 10 ft. SPRAY PATTERN 10 ft. 10 ft.	124 144 177 2 74 87 106 2 166 186 210	83 96 118 3 50 58 71 3 111 124 140	62 72 89 4 37 43 53 4 83 93 105	50 58 71 5 30 35 43 5 66 74 84	41 48 59 6 25 29 35 6 55 62 70	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL 47 53 60 S 7 GALL	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27 PEE 8 .ONS 41 46 53 PEE 8	9 PEI 28 32 39 D (M 9 PEI 37 41 47 D (M 9 PEI 47	10 R AC 25 29 35 PH) 10 R AC 33 37 42 PH) 10 R AC	23 26 32 11 RE 14 16 19 11 RE 30 34 38	21 24 30 12 13 15 18 12 28 31 35	19 22 27 13 12 13 16 13 26 29 32	18 21 25 14 11 12 15 14 24 27 30	17 19 24 15 10 11 14 15 22 25 28
21 2651 1871 187 91 LEFT RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40 PSI	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7 7.5 8.5	PATTERN 6 ft. 6 ft. 6 ft. 7 ft. 10 ft.	124 144 177 2 74 87 106 2 166 186 210 2	83 96 118 3 50 58 71 3 111 124 140	62 72 89 4 37 43 53 4 83 93 105	50 58 71 5 30 35 43 5 66 74 84	41 48 59 6 25 29 35 6 55 62 70 6	7 GALL 35 41 51 57 GALL 21 25 30 S 7 GALL 47 53 60 S 7 GALL 51	8 .ONS 31 36 44 PEE 8 .ONS 41 46 53 PEE 8 .ONS 45	9 PEI 37 41 47 P (M 9 PEI 40 P	10 R AC 25 29 35 IPH) 10 R AC 33 37 42 IPH) 10 R AC 36	23 26 32 11 RE 14 16 19 11 RE 30 34 38	21 24 30 12 13 15 18 12 28 31 35	19 22 27 13 12 13 16 13 26 29 32 13 27	18 21 25 14 11 12 15 14 24 27 30	17 19 24 15 10 11 14 15 22 25 28
2651 1871 187 RIGHT OF LEFT RIGHT OF	20 30 40 PSI 20 30 40 PSI	3.0 3.5 4.3 GPM 3.0 3.5 4.3 GPM 6.7 7.5 8.5	PATTERN 6 ft. 6 ft. 6 ft. 7 ft. 10 ft. 10 ft. 10 ft. 10 ft. 10 ft. SPRAY PATTERN 10 ft. SPRAY PATTERN 10 ft. SPRAY PATTERN 10 ft. 10 ft.	124 144 177 2 74 87 106 2 166 186 210	83 96 118 3 50 58 71 3 111 124 140 3	62 72 89 4 37 43 53 4 83 93 105	50 58 71 5 30 35 43 5 66 74 84	41 48 59 6 25 29 35 6 55 62 70	7 GALL 35 41 51 S 7 GALL 21 25 30 S 7 GALL 47 53 60 S 7 GALL	8 .ONS 31 36 44 PEE 8 .ONS 19 22 27 PEE 8 .ONS 41 46 53 PEE 8	9 PEI 28 32 39 D (M 9 PEI 37 41 47 D (M 9 PEI 47	10 R AC 25 29 35 IPH) 10 R AC 33 37 42 IPH) 10 R AC 36 45	23 26 32 11 RE 14 16 19 11 RE 30 34 38 11 RE	21 24 30 12 13 15 18 12 28 31 35	19 22 27 13 12 13 16 13 26 29 32	18 21 25 14 11 12 15 14 24 27 30	17 19 24 15 10 11 14 15 22 25 28

BOOMATOR

SFRAY MOZZLES

REGULAR PATTERN

													1		-			
						삨	PSI	GPI		SPRA'		1	2	SPE	ED (N	1PH) 5	6	7
DE	GI	II A	D D/T	TERN	1250	o l	00	4 /				40	GAL	LON		RAC	CRE	
			NOZZ		112	RIGHT or LEFT	20 30	1.5 1.7	7	16 ft. 16 ft.		46 53	23 26	16 18	12 13	9 11	8 9	7 8
				LLU		-	40	2.0)	16 ft.		62	31	21	16	12	10	9
	V	196		PSI GF	si Pm pat	PRAY		2	3	4	5	SPEI 6	ED (N	1PH) 8	9	10	11	12
RRA			1400 RIGHT or LEFT								GA	LLON		RAC	CRE			
	N		1 분	20 1 30 2		7 ft. 7 ft.		25 30	17 19	12 15	10 12	8 10	7 8	6 7	5.5 6.5	5 6	4.5 5	4 4.5
			Ē	40 2		7 ft.		36	24	18	15	12	10	9	8	7	6.5	6
			THE LEASE	PSI GF		PRAY		2	3	1		SPE	ED (N	_ ′	0	10	44	10
		Ser.	1870 RIGHT or LEFT		PM PAT		IN	2		4		6 LLON			9 CRE	10	11	12
			187 GHT or I	20 3 30 3		8 ft. 8 ft.		41 48	28 32	21 24	17 19	14 16	12 14	10 12	9 11	8 10	7.5 9	7 8
	帷		, <u>≅</u>	40 4		8 ft.		59	39	30	24	20	17	15	13	12	11	10
	ᇤ	DOL	0014	SPRAY			_	_				ED (M	,		4.0	40	4.4	4.5
50	빌	PSI	GPM I	PATTERN	2	3	4	5	6	7 GALI	8 L ON	9 IS PE F	10 R AC	11 RE	12	13	14	15
2650	RIGHT or LEFT	20 30	6.7 7.5	20 ft. 20 ft.	83 93	55 62	41 46	33 37	28 32	24 26	21 23		16 18	15 17	14 15	13 14	12 13	11 12
	E	40	8.5	20 ft.	105	70	52	42	35	30	26		21	19	17	16	15	14
	ᄩ			SPRAY							SPE	•	PH)					
20	빌	PSI	GPM I	PATTERN	2	3	4	5	6	7 GALI	8 L O N	9 I S PE F	10 R AC	11 RE	12	13	14	15
3120	RIGHT or LEFT	20 30	7.2 9.0	21 ft. 21 ft.	85 106	56 71	42 53	34 42	28 35	24 30	21 26		17 21	15 19	14 17	13 16	12 15	11 14
		40	10.6	21 ft.	125	83	62	50	41	36	31		25	23	21	19	18	16
	ᇤ			SPRAY								ED (M						
		PSI	GPM I	PATTERN	2	3	4	5	6	7 GALI	8 L ON	9 I S PE F	10 R AC	11 RE	12	13	14	15
37	RIGHT or	20	12.0 15.0	23 ft. 23 ft.	129 161	86 108	64 81	51 64	43 54	37 46	32 40	2 29	26 32	24 29	22 27	20 25	18 23	17
	BE	30 40	16.3	23 ft.		117	88	70	58	50	40		35	32	29	27	25	21 23
	ᇤ			SPRAY								ED (M						
4370	RIGHT or LEFT	PSI	GPM I	PATTERN	2	3	4	5	6	7 GALI	8 L ON	9 I S PE F	10 R AC	11 RE	12	13	14	15
က္	토	20	13.8	25 ft.	137	91	68	54	45	39	34	1 30	27	25	23	21	19	18
	R	30 40	15.6 18.0	25 ft. 25 ft.	154 178		77 89	62 71	51 59	44 51	39 45		31 35	28 33	26 30	24 27	22 25	20 24
				Acres 6	1300	70 B	-	No.	No.	6 10		100	MAT.	100	1	-		311.8

BOOMMATOF

FULL PATTERN

40			SPRAY			SPE	ED (N	ЛРН)			2		10	238
1250FS	PSI	GPM	PATTERN	1	2	3	4	5	6	7	D.		60	X
20	20	1.5	16 ft.	46	GAI 23	16	12	8 R A (7.5	6.5		15		20
K	30	1.7	16 ft.	53	26	18	13	11	9	8				4.2
	40	2.0	16 ft.	62	31	21	16	12	10	9				
			SPRAY	-	2016	ABM		SPF	ED (N	ЛРН)	400	CERC	Necto	
1400FS	PSI	GPM	PATTERN	2	3	4	5	6	7	8	9	10	11	12
0										RAC				
9	20	1.7	17 ft.	25	17	12	10	8	7	6	5.5	5	4.5	4
7	30 40	2.0 2.5	17 ft. 17 ft.	29 36	19 24	15 18	12 15	10 12	8 10	7 9	6.5 8	6 7	5 6.5	4.5 6
	40	2.0	17 16.	30	27	10	10	12	10	J		ADDED	0.5	
5	DOL	0014	SPRAY	0	0	4	_		•	ЛРН)	0	4.0	4.4	40
1400FM	PSI	GPM	PATTERN	2	3	4	5 GAI	6 1 ON	7 IS PE	8 R A (9 :RF	10	11	12
00	20	1.7	22 ft.	19	13	10	8	6	5.5	5	4.5	4	3.5	3
4	30	2.0	22 ft.	23	15	11	9	8	6	5.5	5	4.5	4	3.5
	40	2.5	22 ft.	28	19	14	11	9	8	7	6	5.5	5	4.5
10			SPRAY			_	_	SPE	ED (N	ЛРН)	arrier a	10		
FS	PSI	GPM	SPRAY PATTERN	2	3	4	5	6	7	8	9	10	11	12
70FS			PATTERN				GAI	6 _LO N	7 IS PE	8 R AC	CRE			
870FS	20	3.0	PATTERN 18 ft.	41	28	21	GAI 17	6 _LON 14	7 I S PE 12	8 R AC	ORE 9	8	7.5	7
1870FS			PATTERN				GAI	6 _LO N	7 IS PE	8 R AC	CRE			
	20 30	3.0 3.5	18 ft. 18 ft. 18 ft. 18 ft.	41 48	28 32	21 24	GAI 17 19	6 LON 14 16 20	7 IS PE 12 14 17	8 10 12 15	9 11	8 10	7.5 9	7 8
	20 30	3.0 3.5 4.3	18 ft. 18 ft.	41 48	28 32	21 24	GAI 17 19	6 LON 14 16 20	7 IS PE 12 14 17	8 10 12	9 11	8 10	7.5 9	7 8
M	20 30 40 PSI	3.0 3.5 4.3 GPM	18 ft. 18 ft. 18 ft. 18 ft. SPRAY PATTERN	41 48 59	28 32 39	21 24 30	5 GAI	6 LON 14 16 20 SPE 6 LON	7 IS PE 12 14 17 ED (N 7	8 R AC 10 12 15 15 MPH) 8	9 11 13	8 10 12	7.5 9 11	7 8 10
M	20 30 40 PSI 20	3.0 3.5 4.3 GPM 3.0	18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft.	41 48 59 2 32	28 32 39 3	21 24 30 4	5 GAI 17 19 24	6 LON 14 16 20 SPE 6 LON 10	7 12 14 17 ED (N 7 IS PE	8 10 12 15 MPH) 8 ER AC	9 11 13 9 CRE 7	8 10 12 10 6.5	7.5 9 11	7 8 10
M	20 30 40 PSI 20 30	3.0 3.5 4.3 GPM 3.0 3.5	PATTERN 18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft. 23 ft.	41 48 59 2 32 38	28 32 39 3	21 24 30 4 16 19	5 GAI 17 19 24 5 GAI 13 15	6 LON 14 16 20 SPE 6 LON 10 13	7 12 14 17 ED (N 7 IS PE 9 11	8 R AC 10 12 15 MPH) 8 R AC 8	9 11 13 9 PRE 7 8	8 10 12 10 6.5 7.5	7.5 9 11 11 6 7	7 8 10 12 5 6
1870FM	20 30 40 PSI 20	3.0 3.5 4.3 GPM 3.0	18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft.	41 48 59 2 32	28 32 39 3	21 24 30 4	5 GAI 17 19 24	6 LON 14 16 20 SPE 6 LON 10	7 12 14 17 ED (N 7 IS PE	8 10 12 15 MPH) 8 ER AC	9 11 13 9 CRE 7	8 10 12 10 6.5	7.5 9 11	7 8 10
1870FM	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft. 23 ft. 23 ft. SPRAY	41 48 59 2 32 38 46	28 32 39 3 22 25 31	21 24 30 4 16 19 23	5 GAI 13 15 19	6 LON 14 16 20 SPE 6 LON 13 15 SPE	7 12 14 17 ED (N 7 IS PE 9 11 13	8 R AC 10 12 15 MPH) 8 R AC 8 9 12	9 11 13 9 PRE 7 8 10	8 10 12 10 6.5 7.5 9	7.5 9 11 11 6 7 8	7 8 10 12 5 6 7.5
1870FM	20 30 40 PSI 20 30	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft. 23 ft. 23 ft.	41 48 59 2 32 38	28 32 39 3	21 24 30 4 16 19	5 GAI 13 15 19	6 LON 14 16 20 SPE 6 LON 13 15 SPE 6	7 IS PE 12 14 17 FED (N 7 IS PE 9 11 13 FED (N	8 10 12 15 15 MPH) 8 8 9 12 MPH) 8	9 11 13 9 PRE 7 8 10	8 10 12 10 6.5 7.5	7.5 9 11 11 6 7	7 8 10 12 5 6
1870FM	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft. 23 ft. 23 ft. SPRAY	41 48 59 2 32 38 46	28 32 39 3 22 25 31	21 24 30 4 16 19 23	5 GAI 13 15 19	6 LON 14 16 20 SPE 6 LON 13 15 SPE 6	7 IS PE 12 14 17 FED (N 7 IS PE 9 11 13 FED (N	8 R AC 10 12 15 MPH) 8 R AC 8 9 12	9 11 13 9 PRE 7 8 10	8 10 12 10 6.5 7.5 9	7.5 9 11 11 6 7 8	7 8 10 12 5 6 7.5
M	20 30 40 PSI 20 30 40	3.0 3.5 4.3 GPM 3.0 3.5 4.3	PATTERN 18 ft. 18 ft. 18 ft. SPRAY PATTERN 23 ft. 23 ft. 23 ft. SPRAY PATTERN	41 48 59 2 32 38 46	28 32 39 3 22 25 31	21 24 30 4 16 19 23	5 GAI 13 15 19 5 GAI	6 LON 14 16 20 SPE 6 LON 15 SPE 6 LON 6	7 IS PE 12 14 17 FD (N 7 IS PE 9 11 13 FD (N 7 IS PE	8 R AC 10 12 15 MPH) 8 R AC 8 9 12 MPH) 8	9 11 13 9 CRE 7 8 10	8 10 12 10 6.5 7.5 9	7.5 9 11 11 6 7 8	7 8 10 12 5 6 7.5

FULL PATTERN SPRAY NOZZLES

40			SPRAY						S	PEE	D (MI	PH)					
S) IL	PSI	GPM	PATTERN	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ᅙ	PSI GPM PATTERN 20 11.3 23 ft. 30 13.0 23 ft. 40 15.0 23 ft.				0.4	0.4	10			ONS				0.0	4.0	4 -	4.0
5	20 30	11.3 13.0	23 ft. 23 ft.	122 140	81 93	61 70	49 56	40 47	37 43	30 35	27 31	24 28	22 25	20 23	19 21	17 20	16 19
က	40	15.0	23 ft.	161	108	81	65	54	50	41	36	32	29	23 27	25	23	22
		MANAGE		ROBERT OF THE PARTY OF THE PART	MICCO	00000	10000					200					
5		0.714	SPRAY				_			PEE	•	,		4.0	4.0		4.5
3120FM	PSI	GPM	PATTERN	2	3	4	5	6	7 GALI	8 . ONS	9 DE E	10	11	12	13	14	15
2	20	11.3	27 ft.	104	69	52	41	35	30	26	23	21	19	17	16	15	14
7	30	13.0	27 ft.	119	79	60	48	40	34	30	26	24	22	20	18	17	16
က	40	15.0	27 ft.	138	92	69	55	46	39	34	30	28	25	23	21	20	18
A HODGE		- Marian	SPRAY	NO CASE	(SIN)	00000	200000		S	PEE	D (MI	DH)	1000	2000			
3750FM	PSI	GPM	PATTERN	2	3	4	5	6	7	8	9	10	11	12	13	14	15
腾								(GALL	ONS	PEF	ACF	RE				
5	20	13.8	30 ft.	114	76	57	46	38	33	28	25	23	21	19	18	16	15
37	30 40	16.4 18.0	30 ft. 30 ft.	135 149	90 99	68 74	54 59	45 50	39 42	34 37	30 33	27 30	25 27	23 25	21 23	19 21	18 20
	40	10.0	30 IL.	149	99	74	59	50	42	31	33	30	21	25	23	Z I	20
			SPRAY						S	PEE	D (MI	PH)					
3750FL	PSI	GPM	PATTERN	2	3	4	5	6	7	8	9	10	11	12	13	14	15
00	20	13.8	40 ft.	85	57	43	34	28	GALL 24	ONS 21	19	17	16	14	13	12	11
7	30	16.4	40 ft.	101	68	51	41	34	29	25	23	20	18	17	16	14	13
က	40	18.0	40 ft.	111	74	56	45	37	32	28	25	23	20	18	17	16	15
		TAX DESCRIPTION	SPRAY		and the same		-		C	PEE		2H/	-		wee		-
الي:	PSI	GPM	PATTERN	2	3	4	5	6	7	8	וועו) כ 9	10	11	12	13	14	15
4370FL				_				_		ONS				_			
37	20	16.3	44 ft.	92	61	46	37	31	26	23	20	18	17	15	14	13	12
4	30	20.0	44 ft.	113	75	56	45 5.4	38	32	28	25	23	20	19	17	16	15
	40	24.0	44 ft.	135	90	68	54	45	39	34	30	27	25	23	21	19	18



DISTRIBUTED BY: