



BOOM BUSTER

Spray nozzles that work without booms.

FINALLY...thanks to a new and patented nozzle technology, all types of spraying applications can be completed fast and easy without the need for booms.

AND...Boom Buster nozzles cost less to install and less to maintain than spray booms.



- All nozzles machined from solid stainless steel. All have replaceable industrial grade nylon diffusers. (Tests have shown that this nylon will outlast stainless steel.)
- Extra wide spray pattern.
- Excellent pattern and distribution.

Standard Nozzle Application Chart
Gallons Per Acre (water used for all calculations)

| | PSI | GPM | DIST. IN FEET | EFF. DIST. | NOZZLE ANGLE | SPEED IN MILES PER HOUR | | | | | | | | | |
|---|-----|------|------------------|---------------|-----------------|-------------------------|-----|-----|----|----|------|-----|-----|-----|--|
| | | | | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| MODEL 140 1/4" Standard Pipe Thread | 30 | 2.0 | 18 | 16.5 | LEVEL | 30 | 20 | 15 | 12 | 10 | 8.5 | 7.5 | 6.7 | 6 | |
| | 40 | 2.4 | 18 | 16.5 | LEVEL | 36 | 24 | 18 | 14 | 12 | 10 | 9 | 8 | 7 | |
| | 50 | 2.7 | 18 | 16.5 | LEVEL | 41 | 27 | 20 | 16 | 14 | 12 | 10 | 9 | 8 | |
| MODEL 187 3/8" Standard Pipe Thread | 30 | 3.6 | 20 | 18.5 | LEVEL | 48 | 32 | 24 | 19 | 16 | 14 | 12 | 11 | 9.6 | |
| | 40 | 4.3 | 20 | 18.5 | LEVEL | 58 | 38 | 29 | 23 | 19 | 16 | 14 | 13 | 12 | |
| | 50 | 4.8 | 20 | 18.5 | LEVEL | 64 | 43 | 32 | 26 | 21 | 18 | 16 | 14 | 13 | |
| MODEL 265 1/2" Standard Pipe Thread | 30 | 6.8 | 21 | 19.5 | LEVEL | 86 | 58 | 43 | 35 | 29 | 28.5 | 22 | 19 | 17 | |
| | 40 | 8.0 | 21 | 19.5 | LEVEL | 102 | 68 | 51 | 41 | 34 | 29 | 25 | 23 | 20 | |
| | 50 | 8.8 | 21 | 19.5 | LEVEL | 112 | 75 | 56 | 45 | 37 | 32 | 28 | 25 | 22 | |
| MODEL 375 3/4" Standard Pipe Thread | 30 | 14.4 | 23 | 21.5 | LEVEL | 166 | 111 | 83 | 66 | 55 | 47 | 41 | 37 | 33 | |
| | 40 | 16.7 | 23 | 21.5 | LEVEL | 193 | 128 | 96 | 77 | 64 | 55 | 48 | 43 | 38 | |
| | 50 | 18.8 | 23 | 21.5 | LEVEL | 216 | 144 | 108 | 87 | 72 | 62 | 54 | 48 | 43 | |
| MODEL 437 3/4" Standard Pipe Thread | 30 | 18.5 | 31 | 29.5 | UP | 155 | 103 | 78 | 62 | 52 | 44 | 39 | 34 | 31 | |
| | 40 | 21.5 | 31 | 29.5 | UP | 180 | 120 | 90 | 72 | 60 | 52 | 45 | 40 | 36 | |
| | 50 | 24.2 | 31 | 29.5 | UP | 203 | 135 | 102 | 81 | 68 | 58 | 51 | 45 | 41 | |

Narrow Band Nozzle Application Chart

These nozzles are especially suited for spraying fences, around buildings, ditches, field roads, right-of-way guard rails, and narrow highway shoulders. They can be used alone or in combination with standard Boom Buster nozzles.

| | PSI | GPM | DIST. IN FEET | EFF. DIST. | NOZZLE ANGLE | SPEED IN MILES PER HOUR | | | | | | | | | |
|--|-----|-----|------------------|---------------|-----------------|-------------------------|-----|-----|----|----|----|----|----|----|--|
| | | | | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| MODEL 120-3 1/4" Standard Pipe Thread | 30 | 1.7 | 3 | 3 | DOWN | 140 | 94 | 70 | 56 | 47 | 40 | 35 | 31 | 28 | |
| | 40 | 2.0 | 3 | 3 | DOWN | 165 | 110 | 83 | 66 | 55 | 47 | 41 | 37 | 33 | |
| | 50 | 2.2 | 3 | 3 | DOWN | 181 | 121 | 91 | 73 | 61 | 52 | 45 | 40 | 36 | |
| MODEL 120-5 1/4" Standard Pipe Thread | 30 | 1.7 | 5 | 5 | DOWN | 84 | 56 | 42 | 34 | 28 | 24 | 21 | 19 | 17 | |
| | 40 | 2.0 | 5 | 5 | DOWN | 99 | 66 | 50 | 40 | 33 | 28 | 25 | 22 | 20 | |
| | 50 | 2.2 | 5 | 5 | DOWN | 109 | 73 | 54 | 44 | 36 | 31 | 27 | 24 | 22 | |
| MODEL 180-6 3/8" Standard Pipe Thread | 30 | 3.6 | 6 | 6 | DOWN | 148 | 99 | 74 | 59 | 50 | 42 | 37 | 33 | 30 | |
| | 40 | 4.3 | 6 | 6 | DOWN | 177 | 118 | 89 | 71 | 59 | 51 | 44 | 39 | 35 | |
| | 50 | 4.8 | 6 | 6 | DOWN | 198 | 132 | 79 | 79 | 66 | 57 | 50 | 44 | 40 | |
| MODEL 180-10 3/8" Standard Pipe Thread | 30 | 3.6 | 10 | 10 | DOWN | 89 | 59 | 45 | 36 | 30 | 25 | 22 | 20 | 18 | |
| | 40 | 4.3 | 10 | 10 | DOWN | 106 | 71 | 53 | 43 | 35 | 30 | 27 | 24 | 21 | |
| | 50 | 4.8 | 10 | 10 | DOWN | 109 | 79 | 59 | 48 | 40 | 34 | 30 | 26 | 24 | |
| MODEL 260-5 1/2" Standard Pipe Thread | 30 | 6.8 | 5 | 5 | DOWN | 168 | 112 | 84 | 67 | 56 | 48 | 42 | 37 | 34 | |
| | 40 | 8.0 | 5 | 5 | DOWN | 198 | 132 | 99 | 79 | 66 | 57 | 50 | 44 | 40 | |
| | 50 | 8.8 | 5 | 5 | DOWN | 218 | 145 | 109 | 87 | 73 | 62 | 54 | 48 | 44 | |
| MODEL 260-11 1/2" Standard Pipe Thread | 30 | 6.8 | 11 | 11 | DOWN | 153 | 102 | 77 | 61 | 51 | 44 | 38 | 34 | 31 | |
| | 40 | 8.0 | 11 | 11 | DOWN | 180 | 120 | 90 | 72 | 60 | 51 | 45 | 40 | 36 | |
| | 50 | 8.8 | 11 | 11 | DOWN | 198 | 132 | 99 | 79 | 66 | 57 | 50 | 44 | 40 | |



BOOM BUSTER RIGHT-OF-WAY NOZZLES

While all Boom Buster nozzles can be used for any type of spraying, the sizes and combinations listed below are ideal for right-of-way spraying. They can be used with tank-mix systems, as well as with 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.

NOTICE: When ordering right-of-way nozzles, please add the letter "R" to the nozzle model number. Right-of-way nozzles spray beneath and slightly behind the nozzle. Standard nozzles spray beneath and further behind the nozzle to insure overlap when two nozzles are mounted back-to-back for band spraying.

| NOZZLE COMBINATIONS FOR SPEEDS FROM 4 TO 10 MPH | | | |
|--|---|---|-------------------------------------|
| MOD 120-5R Band Width 5 Ft. | MOD 180-10R Band Width 10 Ft. | MOD 265-R Band Width 19.5 Ft. | |
| NOZZLE COMBINATIONS FOR SPEEDS FROM 7 TO 15 MPH | | | |
| MOD 180-6R Band Width 6 Ft. | MOD 260-11R Band Width 11 Ft. | MOD 375-R Band Width 21.5 Ft. | MOD 437-R Band Width 29.5 |
| NOZZLE COMBINATIONS FOR SPEEDS FROM 16 TO 30 MPH | | | |
| MOD 260-5R Band Width 5 Ft. | MOD 370-R Band Width 10 Ft. | MOD 500-R Band Width 20 Ft. | |

BOOM BUSTER RITE-O-WAY SPECIAL

NEVER BEFORE... has right-of-way spraying been this good, this fast and this simple.



Each sprayer comes equipped with three nozzles that are individually controlled from the console. 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.

A simple bumper mount design, with all electrical components protected from the elements by a heavy duty 1/8" thick aluminum cover.

The control console is made of heavy cast aluminum and can be conveniently located on the vehicle dash. The driver need not be distracted from driving while operating the console.

The nozzle arm can be lowered for spraying or raised electronically for traveling in about three seconds by pressing the nozzle arm switch on the control console.

RITE-O-WAY special sprayers come complete except for bumper brackets which must be fabricated to fit the many different bumper shapes.