

Turbo FloodJet Tips used ONLY on boomless units



ALERT!!! Never operate all 3 nozzles at the same time (refer to manual for examples)

		Drop Size	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN	SPACING		
					34"		
					GALLONS PER 1,000 SQ. FT.		
	PSI				3 MPH	4 MPH	5 MPH
STF-VS2	10	XC	0.20	26	0.27	0.20	0.16
	20	XC	0.28	36	0.37	0.28	0.22
	30	XC	0.35	45	0.47	0.35	0.28
STF-VS2.5	10	XC	0.25	32	0.33	0.25	0.20
	20	XC	0.35	45	0.47	0.35	0.28
	30	XC	0.43	55	0.57	0.43	0.34
STF-VS3	10	XC	0.30	38	0.40	0.30	0.24
	20	XC	0.42	54	0.56	0.42	0.34
	30	XC	0.52	67	0.69	0.52	0.42
STF-VS4	10	XC	0.40	51	0.53	0.40	0.32
	20	XC	0.57	73	0.76	0.57	0.46
	30	XC	0.69	88	0.92	0.69	0.55
STF-VS5	10	XC	0.50	64	0.67	0.50	0.40
	20	XC	0.71	91	0.95	0.71	0.57
	30	XC	0.87	111	1.16	0.87	0.70
STF-VS7.5	10	XC	0.75	96	1.00	0.75	0.60
	20	XC	1.06	136	1.41	1.06	0.85
	30	XC	1.30	166	1.73	1.30	1.04
STF-VS10	10	XC	1.00	128	1.33	1.00	0.80
	20	XC	1.41	180	1.88	1.41	1.13
	30	XC	1.73	221	2.31	1.73	1.38
40	XC	2.00	256	2.67	2.00	1.60	

Boomless units include Junior36 units built prior to 2009 and JR36R units

Spray Calibration

Mixing of chemicals should be in accordance to manufacturers labels. Remember that the Z-Spray is designed for low volume spraying so the mix will be more concentrated.

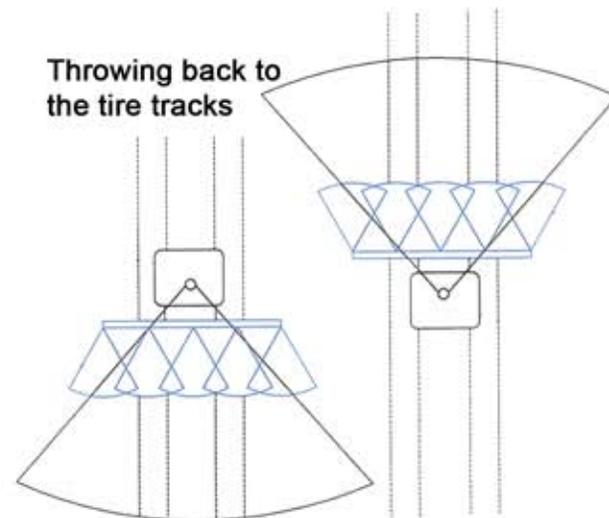
Remember your machine is factory set to put down 1/3 gallon of liquid per 1000 sq. ft. For instance, some products call for 1.1 to 1.5 oz. per 1000 sq. ft. We would recommend using 1.3 (median value of 1.1-1.5). Since you are using a 1/3 gallon tip, you need to multiply by 3, then multiply that amount by the number of gallons you need to put in your tank.

1.3 (median value of 1.1-1.5) x 3 (1/3 gallon tip) x gallons needed. If you were filling an 18 gallon tank your equation would look like this: 1.3 x 3 x 18= 70.2 ounces in 18 gallons of water.

Approximate Granular Calibration

Product	Lbs. per	
	1000 sq. ft.	Full Rate
Fine Pellets	1	4.75
	2	5.25
	3	5.5
Mixed Fine Pellets	2	5.0
	4	6.0
	6	6.5
Small Pellets	2	4.25
	4	5.5
	6	5.75
Nitrogen Pellets Med.	1	4.75
	2	5.5
	3	6.0
Med. Pellets & Granules	2	4.75
	4	5.5
	6	6.5
Med. Pellets	2	4.75
	4	5.5
	6	6.5
Large Heavy Pellets	2	5.0
	4	6.25
	6	7.25

Throwing back to the tire tracks



Pattern Adjust

The Pattern Adjust cable balances the spread pattern, by shifting the product placement on the spinner. Placing the product on the impeller closer to the shaft or the center will cause the spread pattern to be heavier to the right as it rides the impeller for a longer period. If the product is placed on the outer edge of the impeller, the spread pattern will be heavier to the left.

1. Start with the Pattern Adjust cable all the way forward or in.
2. Begin to spread your product. As you are spreading you should be able to see the spread pattern in front of you. Generally, all spreaders will tend to throw fertilizer heavy to the right. As you continue to spread, pull the Pattern Adjust cable towards you very slowly* until you begin to bring the spread pattern dead center in front of you.
3. Once you have the spread pattern 'dead center', lock the Pattern Adjust cable by turning it to the right the rest of the time you are spreading that particular product. There should be no reason to re-set the Pattern Adjust cable for that product unless you see that the spread pattern has changed. If it has changed slightly simply re-adjust the pattern while you're spreading.

*Note: "slowly" means as little as 1/100 of an inch at a time. It will not take much to change the pattern. If you radically move the Pattern Adjust cable, you may impede or shut off the flow of fertilizer or lose the position and it will be necessary to push the cable all of the way forward and begin to bring it back towards you slowly until the pattern is set again.