



# HYPRO®

SPRAY PRODUCTS

## *Boom X Tender® Spray Nozzles*

*Boomless Spray Nozzles*



### FEATURES & BENEFITS:

- Ideal for applications where a conventional boom cannot be used due to obstacles, such as power poles, guardrails, fences, trees, etc.
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining rights-of-way and fence rows
- Excellent low drift option while extending spray reach
- Large droplet size reduces spray drift and promotes spray penetration
- Maintains a consistent and adjustable spray swath over a pressure range of 30-60 PSI
- FastCap® models include tip, cap and gasket for fast change out and safer handling. The precision molded polyacetal tip and cap provide excellent life and low maintenance.
- Standard models with precision molded polyacetal tip and threaded stainless steel body provide excellent durability and low maintenance
- Can be used with manual or automatic rate controllers



*Boom X Tender nozzles are ideal for boomless spraying or as the last tip on a boom.*



*Hypro's ball swivel nozzle body is just one of the many options available for adjusting the swath width.*

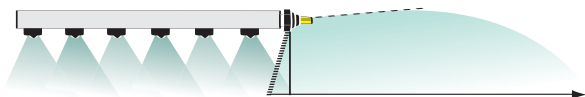
# Boom X Tender® Spray Nozzles

## SPECIFICATIONS

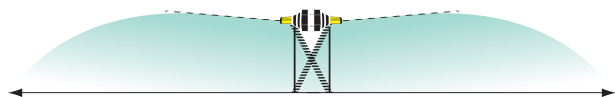
BROADCAST and TURF Applications				Application Rate (GPA) at MPH												US Gal/1000 sq.ft. at MPH				Overall Swath (ft) @ 40PSI
Thread*	XT model	PSI	US GPM	4	5	6	7	8	10	12	14	16	18	20	2	3	4	5		
1/4" MNPT	XT010	30	0.9	9.3	7.4	6.2	5.3	4.6	3.7	3.1	2.7	2.3	2.1	1.9	0.43	0.28	0.21	0.17	12	
		40	1.0	10.3	8.3	6.9	5.9	5.2	4.1	3.4	2.9	2.6	2.3	2.1	0.47	0.32	0.24	0.19		
		50	1.1	11.3	9.1	7.6	6.5	5.7	4.5	3.8	3.2	2.8	2.5	2.3	0.52	0.35	0.26	0.21		
		60	1.2	12.4	9.9	8.3	7.1	6.2	5.0	4.1	3.5	3.1	2.8	2.5	0.57	0.38	0.28	0.23		
1/4" MNPT*	XT020 FC-XT020	30	1.7	12.4	9.9	8.3	7.1	6.2	5.0	4.1	3.5	3.1	2.8	2.5	0.57	0.38	0.28	0.23	17	
		40	2.0	14.6	11.6	9.7	8.3	7.3	5.8	4.9	4.2	3.6	3.2	2.9	0.67	0.45	0.33	0.27		
		50	2.2	16.0	12.8	10.7	9.2	8.0	6.4	5.3	4.6	4.0	3.6	3.2	0.74	0.49	0.37	0.29		
		60	2.4	17.5	14.0	11.6	10.0	8.7	7.0	5.8	5.0	4.4	3.9	3.5	0.80	0.53	0.40	0.32		
1/4" MNPT*	XT024 FC-XT024	30	2.1	14.4	11.6	9.6	8.3	7.2	5.8	4.8	4.1	3.6	3.2	2.9	0.66	0.44	0.33	0.27	18	
		40	2.4	16.5	13.2	11.0	9.4	8.3	6.6	5.5	4.7	4.1	3.7	3.3	0.76	0.51	0.38	0.30		
		50	2.7	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6	4.1	3.7	0.85	0.57	0.43	0.34		
		60	2.9	19.9	16.0	13.3	11.4	10.0	8.0	6.6	5.7	5.0	4.4	4.0	0.92	0.61	0.46	0.37		
3/8" MNPT*	XT043 FC-XT043	30	3.7	25	20	17.0	14.5	12.7	10.2	8.5	7.3	6.4	5.7	5.1	1.2	0.78	0.58	0.47	18	
		40	4.3	30	24	19.7	16.9	14.8	11.8	9.9	8.4	7.4	6.6	5.9	1.4	0.90	0.68	0.54		
		50	4.8	33	26	22	18.9	16.5	13.2	11.0	9.4	8.3	7.3	6.6	1.5	1.0	0.76	0.61		
		60	5.3	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3	1.7	1.1	0.84	0.67		
1/2" MNPT	XT080	30	6.9	50	40	33	29	25	20	16.7	14.4	12.6	11.2	10.0	2.3	1.5	1.2	0.92	17	
		40	8.0	58	47	39	33	29	23	19.4	16.6	14.6	12.9	11.6	2.7	1.8	1.3	1.1		
		50	8.9	65	52	43	37	32	26	22	18.5	16.2	14.4	13.0	3.0	2.0	1.5	1.2		
		60	9.8	71	57	48	41	36	29	24	20	17.8	15.9	14.3	3.3	2.2	1.6	1.3		
3/4" MNPT	XT167	30	14.5	100	80	66	57	50	40	33	28	25	22	20	4.6	3.1	2.3	1.8	18	
		40	16.7	115	92	77	66	57	46	38	33	29	26	23	5.3	3.5	2.6	2.1		
		50	18.7	129	103	86	73	64	51	43	37	32	29	26	5.9	3.9	3.0	2.4		
		60	20.5	141	113	94	81	70	56	47	40	35	31	28	6.5	4.3	3.2	2.6		
3/4" MNPT	XT215	30	18.6	115	92	77	66	58	46	38	33	29	26	23	5.3	3.5	2.6	2.1	20	
		40	21.5	133	106	89	76	67	53	44	38	33	30	27	6.1	4.1	3.1	2.4		
		50	24.0	149	119	99	85	74	59	50	42	37	33	30	6.8	4.5	3.4	2.7		
		60	26.3	163	130	108	93	81	65	54	46	41	36	33	7.5	5.0	3.7	3.0		

Note: Application rates are based on overall swath widths listed at 48" height. Refer to operating instructions if using a different swath.  
\* Thread sizes applicable to standard models with threaded stainless steel body only.

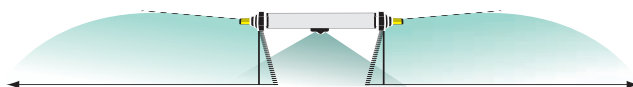
### Common Uses of the Boom X Tender® Spray Nozzles



Boom X Tender® Spraying  
(last tip on the boom)

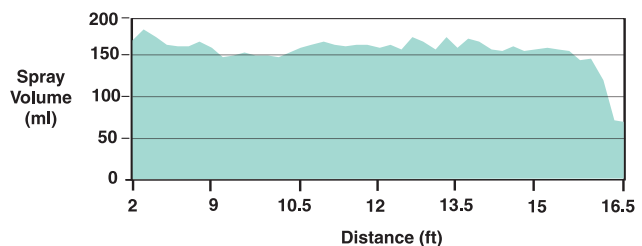


Boomless Spraying



Boomless Spraying with Center Nozzle

### Typical Spray Pattern Produced by XT Series



### Adjustable Swath Width

Swath width can be increased or decreased by adjusting the angle of the tip +/- 18°.

