

Pre-Emerge Fertilizer

Wide Angle Drift Reducing



Hi-Flow™

Featured tip for pre-plant fertilizer or incorporate with herbicide for burn-down spraying



The 140° pattern ensures unmatched uniformity across the spray boom.



Ideal for pre-emerge application of fertilizers.



Large droplets reduce the risk of drift during fertilizer applications.

Pre & Post Emerge Herbicide

Drift Reducing, Dual Air Eduction



Ultra-Lo Drift™

Ideal for herbicide applications where drift control is crucial



Wide, three dimensional pattern creates multiple angles for the spray to cover the target.



Ideal for pre-and post-emerge application of herbicides.



Designed to eliminate driftable droplets, without sacrificing coverage.

Post Emerge Plant Health

Enhanced Coverage



Guardian™

Complete versatility in targeting weeds, insects and fungus, even when utilizing adjuvants



The 120° wide, 20° inclined pattern ensures uniformity across the spray boom.



Ideal for post-emerge plant health protectants when also using suspension based adjuvants.



Designed to provide a consistent droplet size over a wide pressure range for various speeds.

Enhanced Coverage, Air Eduction



GuardianAIR™

Ideal for insect and fungus applications due to exceptional coverage through air induction



Speed optimized inclined pattern provides superior droplet deposition and retention on targets.



Ideal for high-coverage application of post-emerge plant health protectants.



Industry leading coverage among air-induced spray tips.

Twin Enhanced Coverage, Air Eduction



GuardianAIR Twin™

Capable of balancing speed and efficiency, with twin patterns, while spraying complex canopies



Air induced, twin pattern provides more uniform coverage over a wide operating range.



Ideal for high-coverage application of post-emerge plant health protectants.



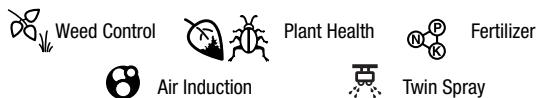
Provides better coverage with more drops per gallon compared to other air-induced twin sprays.



Download HYPRO's SprayIT Mobile App for Apple or Android mobile devices or visit sprayit.hyprospraytips.com for help determining the right size spray tip for your application. Simply select the type of spraying application (broadcast, banding/directed, totally boomless, or Boom X Tender), and enter your application information, including tip spacing, speed, and application rate, and the SprayIT Calculator does all the rest.

HYPRO®
Right on technology. Right on target.

Spray Tip	Uses	Pressure Range	Part Number	Droplet Size			
				PSI			
				30	40	60	80
Ultra Lo-Drift™		15-115	FC-ULD120-015	XC	VC	C	C
			FC-ULD120-02	XC	VC	C	M
			FC-ULD120-025	VC	C	C	M
			FC-ULD120-03	XC	C	C	M
			FC-ULD120-04	UC	UC	XC	VC
			FC-ULD120-05	UC	XC	XC	VC
			FC-ULD120-06	UC	XC	VC	C
			FC-ULD120-08	XC	VC	C	C
GuardianAIR Twin™		30-115	GAT110-02	C	M	M	M
			GAT110-025	VC	C	M	M
			GAT110-03	VC	C	M	M
			GAT110-04	C	M	M	M
			GAT110-05	VC	C	M	M
			GAT110-06	VC	C	M	M
			GAT110-08	VC	VC	C	M
			GuardianAIR™		15-115	FC-GA110-015	XC
FC-GA110-02	VC	M				M	M
FC-GA110-025	VC	C				M	M
FC-GA110-03	XC	VC				C	M
FC-GA110-035	XC	VC				C	M
FC-GA110-04	VC	C				M	M
FC-GA110-05	XC	C				C	M
Guardian™		15-115				GRD120-01	C
			GRD120-015	C	M	M	M
			GRD120-02	C	C	M	M
			GRD120-025	C	C	M	M
			GRD120-03	C	C	C	M
			GRD120-04	C	C	C	M
			GRD120-05	C	C	C	M
			GRD120-06	C	C	C	M
GRD120-08	VC	C	C	M			
Hi-Flow™		20-80	HF140-08	XC	XC	XC	XC
			HF140-10	XC	XC	XC	XC
			HF140-15	XC	XC	XC	XC
			HF140-20	XC	XC	XC	XC
			HF140-30	XC	XC	XC	XC
			HF140-40	XC	XC	XC	XC
			HF140-50	XC	XC	XC	XC
			HF140-60	XC	XC	XC	XC



Spray Tip	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing								
			MPH								
			6	7	8	9	10	12	15	18	
015	20	0.11	5.4	4.7	4.1	3.6	3.3	2.7	2.2	1.8	
	30	0.13	6.4	5.5	4.8	4.3	3.9	3.2	2.6	2.1	
	40	0.15	7.4	6.4	5.6	5.0	4.5	3.7	3.0	2.5	
	50	0.17	8.4	7.2	6.3	5.6	5.0	4.2	3.4	2.8	
	60	0.18	8.9	7.6	6.7	5.9	5.3	4.5	3.6	3.0	
	70	0.20	9.9	8.5	7.4	6.6	5.9	5.0	4.0	3.3	
	80	0.21	10.4	8.9	7.8	6.9	6.2	5.2	4.2	3.5	
	90	0.23	11.4	9.8	8.5	7.6	6.8	5.7	4.6	3.8	
	02	20	0.14	6.9	5.9	5.2	4.6	4.2	3.5	2.8	2.3
		30	0.17	8.4	7.2	6.3	5.6	5.0	4.2	3.4	2.8
40		0.20	9.9	8.5	7.4	6.6	5.9	5.0	4.0	3.3	
50		0.22	10.9	9.3	8.2	7.3	6.5	5.4	4.4	3.6	
60		0.24	11.9	10.2	8.9	7.9	7.1	5.9	4.8	4.0	
70		0.26	12.9	11.0	9.7	8.6	7.7	6.4	5.1	4.3	
80		0.28	13.9	11.9	10.4	9.2	8.3	6.9	5.5	4.6	
90		0.30	14.9	12.7	11.1	9.9	8.9	7.4	5.9	5.0	
025		20	0.18	8.9	7.6	6.7	5.9	5.3	4.5	3.6	3.0
		30	0.22	10.9	9.3	8.2	7.3	6.5	5.4	4.4	3.6
	40	0.25	12.4	10.6	9.3	8.3	7.4	6.2	5.0	4.1	
	50	0.28	13.9	11.9	10.4	9.2	8.3	6.9	5.5	4.6	
	60	0.31	15.3	13.2	11.5	10.2	9.2	7.7	6.1	5.1	
	70	0.33	16.3	14.0	12.3	10.9	9.8	8.2	6.5	5.4	
	80	0.35	17.3	14.9	13.0	11.6	10.4	8.7	6.9	5.8	
	90	0.38	18.8	16.1	14.1	12.5	11.3	9.4	7.5	6.3	
	03	20	0.21	10.4	8.9	7.8	6.9	6.2	5.2	4.2	3.5
		30	0.26	12.9	11.0	9.7	8.6	7.7	6.4	5.1	4.3
40		0.30	14.9	12.7	11.1	9.9	8.9	7.4	5.9	5.0	
50		0.34	16.8	14.4	12.6	11.2	10.1	8.4	6.7	5.6	
60		0.37	18.3	15.7	13.7	12.2	11.0	9.2	7.3	6.1	
70		0.40	19.8	17.0	14.9	13.2	11.9	9.9	7.9	6.6	
80		0.42	21	17.8	15.6	13.9	12.5	10.4	8.3	6.9	
90		0.45	22	19.1	16.7	14.9	13.4	11.1	8.9	7.4	
04		20	0.28	13.9	11.9	10.4	9.2	8.3	6.9	5.5	4.6
		30	0.35	17.3	14.9	13.0	11.6	10.4	8.7	6.9	5.8
	40	0.40	19.8	17.0	14.9	13.2	11.9	9.9	7.9	6.6	
	50	0.45	22	19.1	16.7	14.9	13.4	11.1	8.9	7.4	
	60	0.49	24	21	18.2	16.2	14.6	12.1	9.7	8.1	
	70	0.53	26	23	19.7	17.5	15.7	13.1	10.5	8.7	
	80	0.57	28	24	21	18.8	16.9	14.1	11.3	9.5	
	90	0.60	30	26	22	19.8	17.8	14.9	11.9	9.9	

Spray Tip	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing								
			MPH								
			6	7	8	9	10	12	15	18	
05	20	0.35	17.3	14.9	13.0	11.6	10.4	8.7	6.9	5.8	
	30	0.43	21	18.2	16.0	14.2	12.8	10.6	8.5	7.1	
	40	0.50	25	21	18.6	16.5	14.9	12.4	9.9	8.3	
	50	0.56	28	24	21	18.5	16.6	13.9	11.1	9.2	
	60	0.61	30	26	23	20	18.1	15.1	12.1	10.1	
	70	0.66	33	28	25	22	19.6	16.3	13.1	10.9	
	80	0.71	35	30	26	23	21	17.6	14.1	11.7	
	90	0.75	37	32	28	25	22	18.6	14.9	12.4	
	06	20	0.42	21	17.8	15.6	13.9	12.5	10.4	8.3	6.9
		30	0.52	26	22	19.3	17.2	15.4	12.9	10.3	8.6
40		0.60	30	25	22	19.8	17.8	14.9	11.9	9.9	
50		0.67	33	28	25	22	19.9	16.6	13.3	11.1	
60		0.73	36	31	27	24	22	18.1	14.5	12.0	
70		0.79	39	34	29	26	23	19.6	15.6	13.0	
80		0.85	42	36	32	28	25	21	16.8	14.0	
90		0.90	45	38	33	30	27	22	17.8	14.9	
08		20	0.57	28	24	21	18.8	16.9	14.1	11.3	9.4
		30	0.69	34	29	26	23	20	17.1	13.7	11.4
	40	0.80	40	34	30	26	24	19.8	15.8	13.2	
	50	0.89	44	38	33	29	26	22	17.6	14.7	
	60	0.98	49	42	36	32	29	24	19.4	16.2	
	70	1.06	52	45	39	35	31	26	21	17.5	
	80	1.13	56	48	42	37	34	28	22	18.6	
	90	1.20	59	51	45	40	36	30	24	20	
	10	20	0.71	35	30	26	23	21	17.6	14.1	11.7
		30	0.87	43	37	32	29	26	22	17.2	14.4
40		1.00	50	42	37	33	30	25	19.8	16.5	
50		1.12	55	48	42	37	33	28	22	18.5	
60		1.22	60	52	45	40	36	30	24	20	
70		1.32	65	56	49	44	39	33	26	22	
80		1.41	70	60	52	47	42	35	28	23	
90		1.50	74	64	56	50	45	37	30	25	
15		20	1.06	52	45	39	35	32	26	21	17.5
		30	1.30	64	55	48	43	39	32	26	21
	40	1.50	74	64	56	50	45	37	30	25	
	50	1.68	83	71	62	55	50	42	33	28	
	60	1.84	91	78	68	61	55	46	36	30	
	70	1.98	98	84	74	65	59	49	39	33	
	80	2.12	105	90	79	70	63	52	42	35	
	90	2.25	111	95	84	74	67	56	45	37	



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