

# HYPRO® ESI SIX-STREAM SPRAY TIPS

## Ceramic Tips for Targeted Fertilizer Application

The ESI utilizes a ceramic metering orifice and unique low pressure distribution chamber to keep the streams stable, reduce atomization and prevent leaf burn, which makes them ideal for applying liquid fertilizer.

### Features & Benefits

- Six identical fluid streams distribute fertilizer accurately to more plants
- Superior stream stability compared to other multi-stream nozzles reduces leaf burn
- The ceramic orifice provides durable, accurate life and lower operating cost
- Large outlet holes to prevent plugging
- Compact design is less prone to breakage than long nozzles and bars
- Available in sizes 015-15 (including 025) to facilitate a wide range of application rates
- Convenient FastCap® version available for cleaner, easier handling
- Tips fit in standard round tip cap (series 402904) or the Hypro Universal Cap (series 402990)



**ALBUZ**

HYPRO® is a proud distributor  
of ALBUZ® spray tips.

# HYPRO<sup>®</sup> ESI SPRAY TIPS

## Specifications



**ESI-110015**  
**FC-ESI-110015**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.09	6.7	5.3	4.5	3.8	3.3	2.7	2.2	1.9	1.7	1.5	1.3	
20	0.11	8.2	6.5	5.4	4.7	4.1	3.3	2.7	2.3	2.0	1.8	1.6	
30	0.13	9.7	7.7	6.4	5.5	4.8	3.9	3.2	2.8	2.4	2.1	1.9	
40	0.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	
50	0.17	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
60	0.18	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	



**ESI-11002**  
**FC-ESI-11002**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.12	8.9	7.1	5.9	5.1	4.5	3.6	3.0	2.5	2.2	2.0	1.8	
20	0.14	10.4	8.3	6.9	5.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1	
30	0.17	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
40	0.20	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3	3.0	
50	0.22	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1	3.6	3.3	
60	0.24	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	



**ESI-110025**  
**FC-ESI-110025**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	
20	0.18	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	
30	0.22	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1	3.6	3.3	
40	0.25	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6	4.1	3.7	
50	0.28	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	
60	0.31	23	18.4	15.3	13.2	11.5	9.2	7.7	6.6	5.8	5.1	4.6	



**ESI-11003**  
**FC-ESI-11003**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.18	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	
20	0.21	15.6	12.5	10.4	8.9	7.8	6.2	5.2	4.5	3.9	3.5	3.1	
30	0.26	19.3	15.4	12.9	11.0	9.7	7.7	6.4	5.5	4.8	4.3	3.9	
40	0.30	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6	5.0	4.5	
50	0.34	25	20	16.8	14.4	12.6	10.1	8.4	7.2	6.3	5.6	5.0	
60	0.37	27	22	18.3	15.7	13.7	11.0	9.2	7.8	6.9	6.1	5.5	



**ESI-11004**  
**FC-ESI-11004**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.24	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	
20	0.28	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	
30	0.35	26	21	17.3	14.9	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
40	0.40	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	
50	0.45	33	27	22	19.1	16.7	13.4	11.1	9.5	8.4	7.4	6.7	
60	0.49	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3	



**ESI-11005**  
**FC-ESI-11005**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.31	23	18.4	15.3	13.2	11.5	9.2	7.7	6.6	5.8	5.1	4.6	
20	0.35	26	21	17.3	14.9	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
30	0.43	32	26	21	18.2	16.0	12.8	10.6	9.1	8.0	7.1	6.4	
40	0.50	37	30	25	21	18.6	14.9	12.4	10.6	9.3	8.3	7.4	
50	0.56	42	33	28	24	21	16.6	13.9	11.9	10.4	9.2	8.3	
60	0.61	45	36	30	26	23	18.1	15.1	12.9	11.3	10.1	9.1	



**ESI-11006**  
**FC-ESI-11006**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.37	27	22	18.3	15.7	13.7	11.0	9.2	7.8	6.9	6.1	5.5	
20	0.42	31	25	21	17.8	15.6	12.5	10.4	8.9	7.8	6.9	6.2	
30	0.52	39	31	26	22	19.3	15.4	12.9	11.0	9.7	8.6	7.7	
40	0.60	45	36	30	25	22	17.8	14.9	12.7	11.1	9.9	8.9	
50	0.67	50	40	33	28	25	19.9	16.6	14.2	12.4	11.1	9.9	
60	0.73	54	43	36	31	27	22	18.1	15.5	13.6	12.0	10.8	



**FC-ESI-11008**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.49	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3	
20	0.57	42	34	28	24	21	16.9	14.1	12.1	10.6	9.4	8.5	
30	0.69	51	41	34	29	26	20	17.1	14.6	12.8	11.4	10.2	
40	0.80	59	48	40	34	30	24	19.8	17.0	14.9	13.2	11.9	
50	0.89	66	53	44	38	33	26	22	18.9	16.5	14.7	13.2	
60	0.98	73	58	49	42	36	29	24	21	18.2	16.2	14.6	



**FC-ESI-11010**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.61	45	36	30	26	23	18.1	15.1	12.9	11.3	10.1	9.1	
20	0.71	53	42	35	30	26	21	17.6	15.1	13.2	11.7	10.5	
30	0.87	65	52	43	37	32	26	22	18.5	16.1	14.4	12.9	
40	1.00	74	59	50	42	37	30	25	21	18.6	16.5	14.9	
50	1.12	83	67	55	48	42	33	28	24	21	18.5	16.6	
60	1.22	91	72	60	52	45	36	30	26	23	20	18.1	

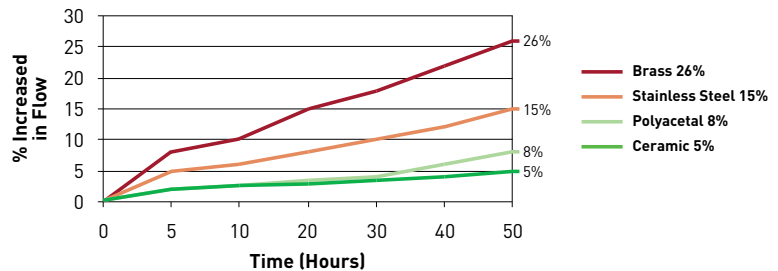


**FC-ESI-11015**

Gallons per Acre - 20" Spacing

PSI	FLOW		MPH										
	US GPM		4	5	6	7	8	10	12	14	16	18	20
15	0.92	68	55	46	39	34	27	23	19.5	17.1	15.2	13.7	
20	1.06	79	63	52	45	39	31	26	22	19.7	17.5	15.7	
30	1.30	97	77	64	55	48	39	32	28	24	21	19.3	
40	1.50	111	89	74	64	56	45	37	32	28	25	22	
50	1.68	125	100	83	71	62	50	42	36	31	28	25	
60	1.84	137	109	91	78	68	55	46	39	34	30	27	

### Comparative Wear Test



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