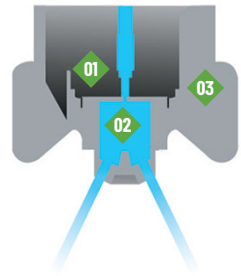
ESI SIX STREAM

The ESI six stream nozzle is designed for applying liquid fertilizer. It creates six individual streams that distribute the fertilizer on the soil while getting less on the crop. The wear resistant metering orifice and unique low pressure distribution chamber keep the streams stable to reduce atomization and prevent leaf burn and scorching. Spacing and spray height is similar to 110° broadcast nozzles.

- Six streams distribute fertilizer more evenly than one single stream
- Wear-resistant orifice for long product life
- FastCap includes nozzle, cap and gasket

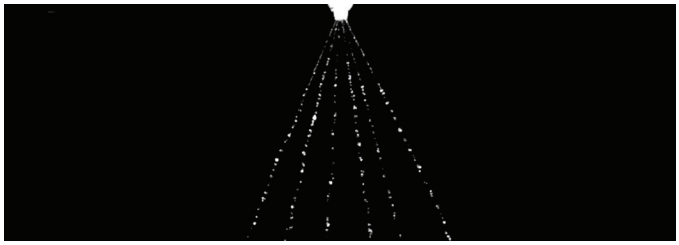
US UNITS

Nozzle Size	Pressure (PSI)	Flow Rate (GPM)	Speed (MPH) - 20 inch nozzle spacing															
			Gallons per Acre															
			2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40
015	15	0.09	10.9	5.5	3.6	2.7	2.2	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
	20	0.11	12.6	6.3	4.2	3.2	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1	1.0	0.9	0.8	0.8
	30	0.13	15.4	7.7	5.1	3.9	3.1	2.6	2.2	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0
	40	0.15	17.8	8.9	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1
	50	0.17	19.9	10.0	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.2
	60	0.18	21.8	10.9	7.3	5.5	4.4	3.6	3.1	2.7	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4
02	15	0.12	14.5	7.3	4.8	3.6	2.9	2.4	2.1	1.8	1.6	1.5	1.3	1.2	1.1	1.0	1.0	0.9
	20	0.14	16.8	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.1
	30	0.17	20.6	10.3	6.9	5.1	4.1	3.4	2.9	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3
	40	0.20	23.8	11.9	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2	2.0	1.8	1.7	1.6	1.5
	50	0.22	26.6	13.3	8.9	6.6	5.3	4.4	3.8	3.3	3.0	2.7	2.4	2.2	2.0	1.9	1.8	1.7
	60	0.24	29.1	14.5	9.7	7.3	5.8	4.8	4.2	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8
025	15	0.15	18.2	9.1	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.1
	20	0.18	21.0	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.8	1.6	1.5	1.4	1.3
	30	0.22	25.7	12.9	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6	2.3	2.1	2.0	1.8	1.7	1.6
	40	0.25	29.7	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9
	50	0.28	-	16.6	11.1	8.3	6.6	5.5	4.7	4.2	3.7	3.3	3.0	2.8	2.6	2.4	2.2	2.1
	60	0.31	-	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3
03	15	0.18	21.8	10.9	7.3	5.5	4.4	3.6	3.1	2.7	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4
	20	0.21	25.2	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6
	30	0.26	-	15.4	10.3	7.7	6.2	5.1	4.4	3.9	3.4	3.1	2.8	2.6	2.4	2.2	2.1	1.9
	40	0.30	-	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2
	50	0.34	-	19.9	13.3	10.0	8.0	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.1	2.8	2.7	2.5
	60	0.37	-	21.8	14.5	10.9	8.7	7.3	6.2	5.5	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7
04	15	0.24	29.1	14.5	9.7	7.3	5.8	4.8	4.2	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8
	20	0.28	-	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.1
	30	0.35	-	20.6	13.7	10.3	8.2	6.9	5.9	5.1	4.6	4.1	3.7	3.4	3.2	2.9	2.7	2.6
	40	0.40	-	23.8	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.3	4.0	3.7	3.4	3.2	3.0
	50	0.45	-	26.6	17.7	13.3	10.6	8.9	7.6	6.6	5.9	5.3	4.8	4.4	4.1	3.8	3.5	3.3
	60	0.49	-	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8	4.5	4.2	3.9	3.6
05	15	0.31	-	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3
	20	0.35	-	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6
	30	0.43	-	25.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2
	40	0.50	-	29.7	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7
	50	0.56	-	-	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6	6.0	5.5	5.1	4.7	4.4	4.2
	60	0.61	-	-	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8	4.5
06	15	0.37	-	21.8	14.5	10.9	8.7	7.3	6.2	5.5	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7
	20	0.42	-	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6	3.4	3.2
	30	0.52	-	-	20.6	15.4	12.3	10.3	8.8	7.7	6.9	6.2	5.6	5.1	4.7	4.4	4.1	3.9
	40	0.60	-	-	23.8	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5
	50	0.67	-	-	26.6	19.9	15.9	13.3	11.4	10.0	8.9	8.0	7.2	6.6	6.1	5.7	5.3	5.0
	60	0.73	-	-	29.1	21.8	17.5	14.5	12.5	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.5
08	15	0.49	-	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8	4.5	4.2	3.9	3.6
	20	0.57	-	-	22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2
	30	0.69	-	-	27.4	20.6	16.5	13.7	11.8	10.3	9.1	8.2	7.5	6.9	6.3	5.9	5.5	5.1
	40	0.80	-	-	-	23.8	19.0	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9
	50	0.89	-	-	-	26.6	21.3	17.7	15.2	13.3	11.8	10.6	9.7	8.9	8.2	7.6	7.1	6.6
	60	0.98	-	-	-	29.1	23.3	19.4	16.6	14.5	12.9	11.6	10.6	9.7	9.0	8.3	7.8	7.3
10	15	0.61	-	-	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8	4.5
	20	0.71	-	-	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.3
	30	0.87	-	-	-	25.7	20.6	17.1	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4
	40	1.00	-	-	-	29.7	23.8	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4
	50	1.12	-	-	-	-	26.6	22.1	19.0	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3
	60	1.22	-	-	-	-	29.1	24.2	20.8	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1
15	15	0.92	-	-	-	27.3	21.8	18.2	15.6	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8
	20	1.06	-	-	-	-	25.2	21.0	18.0	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9
	30	1.30	-	-	-	-	-	25.7	22.0	19.3	17.1	15.4	14.0	12.9	11.9	11.0	10.3	9.6
	40	1.50	-	-	-	-	-	29.7	25.5	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1
	50	1.68	-	-	-	-	-	-	28.5	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.5
	60	1.84	-	-	-	-	-	-	-	27.3	24.2	21.8	19.8	18.2	16.8	15.6	14.5	13.6
20	15	1.22	-	-	-	-	29.1	24.2	20.8	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1
	20	1.41	-	-	-	-	-	28.0	24.0	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5
	30	1.73	-	-	-	-	-	-	29.4	25.7	22.9	20.6	18.7	17.1	15.8	14.7	13.7	12.9
	40	2.00	-	-	-	-	-	-	-	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9
	50	2.24	-	-	-	-	-	-	-	-	29.5	26.6	24.1	22.1	20.4	19.0	17.7	16.6
	60	2.45	-	-	-	-	-	-	-	-	-	29.1	26.5	24.2	22.4	20.8	19.4	18.2



01. Single inlet; Six outlet design for uniform application
02. Pre-orifice; superior product life
03. Available in a FastCap option for easy installation of a streaming nozzle

ESI SIX STREAM



110° wide pattern consisting of 6 equally spaced streams providing uniform deposition of liquid fertilizers. Each individual stream was engineered to hold stream integrity and not break apart to avoid unwanted fertilizer burn on post emerge applications.

METRIC UNITS

Nozzle Size	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/Ha -50 cm Spacing KM/H							
			7	8	10	12	15	20	25	30
015	1	0,35	60	53	42	35	28	21	17	14
	1,5	0,42	72	63	50	42	34	25	20	17
	2	0,49	84	74	59	49	39	29	24	20
	2,5	0,55	94	83	66	55	44	33	26	22
	3	0,60	103	90	72	60	48	36	29	24
	4	0,69	118	104	83	69	55	41	33	28
02	1	0,46	79	69	55	46	37	28	22	18
	1,5	0,57	98	86	68	57	46	34	27	23
	2	0,65	111	98	78	65	52	39	31	26
	2,5	0,73	125	110	88	73	58	44	35	29
	3	0,80	137	120	96	80	64	48	38	32
	4	0,92	158	138	110	92	74	55	44	37
025	1	0,58	99	87	70	58	46	35	28	23
	1,5	0,71	122	107	85	71	57	43	34	28
	2	0,82	141	123	98	82	66	49	39	33
	2,5	0,91	156	137	109	91	73	55	44	36
	3	1,00	171	150	120	100	80	60	48	40
	4	1,15	197	173	138	115	92	69	55	46
03	1	0,69	118	104	83	69	55	41	33	28
	1,5	0,85	146	128	102	85	68	51	41	34
	2	0,98	168	147	118	98	78	59	47	39
	2,5	1,10	189	165	132	110	88	66	53	44
	3	1,20	206	180	144	120	96	72	58	48
	4	1,39	238	209	167	139	111	83	67	56
04	1	0,92	158	138	110	92	74	55	44	37
	1,5	1,13	194	170	136	113	90	68	54	45
	2	1,31	225	197	157	131	105	79	63	52
	2,5	1,46	250	219	175	146	117	88	70	58
	3	1,60	274	240	192	160	128	96	77	64
	4	1,85	317	278	222	185	148	111	89	74
05	1	1,15	197	173	138	115	92	69	55	46
	1,5	1,41	242	212	169	141	113	85	68	56
	2	1,63	279	245	196	163	130	98	78	65
	2,5	1,83	314	275	220	183	146	110	88	73
	3	2,00	343	300	240	200	160	120	96	80
	4	2,31	396	347	277	231	185	139	111	92
06	1	1,39	238	209	167	139	111	83	67	56
	1,5	1,70	291	255	204	170	136	102	82	68
	2	1,96	336	294	235	196	157	118	94	78
	2,5	2,19	375	329	263	219	175	131	105	88
	3	2,40	411	360	288	240	192	144	115	96
	4	2,77	475	416	332	277	222	166	133	111
08	1	1,85	317	278	222	185	148	111	89	74
	1,5	2,26	387	339	271	226	181	136	108	90
	2	2,61	447	392	313	261	209	157	125	104
	2,5	2,92	501	438	350	292	234	175	140	117
	3	3,20	549	480	384	320	256	192	154	128
	4	3,70	634	555	444	370	296	222	178	148
10	1	2,3	394	345	276	230	184	138	110	92
	1,5	2,8	480	420	336	280	224	168	134	112
	2	3,3	566	495	396	330	264	198	158	132
	2,5	3,7	634	555	444	370	296	222	178	148
	3	4,0	686	600	480	400	320	240	192	160
	4	4,6	789	690	552	460	368	276	221	184
15	1	3,5	600	525	420	350	280	210	168	140
	1,5	4,2	720	630	504	420	336	252	202	168
	2	4,9	840	735	588	490	392	294	235	196
	2,5	5,5	943	825	660	550	440	330	264	220
	3	6,0	1029	900	720	600	480	360	288	240
	4	6,9	1183	1035	828	690	552	414	331	276
20	1	4,6	789	690	552	460	368	276	221	184
	1,5	5,7	977	855	684	570	456	342	274	228
	2	6,5	1114	975	780	650	520	390	312	260
	2,5	7,3	1251	1095	876	730	584	438	350	292
	3	8,0	1371	1200	960	800	640	480	384	320
	4	9,2	1577	1380	1104	920	736	552	442	368

Features	
Common Use	Fertilizer
Pattern	Streams
Technology	Pre-Orifice
Material	Ceramic or Polyacetal
Spray Angle	110° Equivalent
Pressure Range	15-60 PSI (1-4 BAR)
Configuration	Nozzle, FastCap

Optimum Boom Height	
15" (35 cm) Spacing	15" (35 cm)
20" (50 cm) Spacing	20" (50 cm)

Part Numbers (Bags of 10)

Nozzles 110°	FastCaps 110°	FastCaps 110°
Ceramic Orifice	Ceramic Orifice	Polyacetal Orifice
ESI-110015	FC-ESI-110015*	FC-ESI-110015P
ESI-11002	FC-ESI-11002*	FC-ESI-11002P
ESI-110025	FC-ESI-110025*	-
ESI-11003	FC-ESI-11003*	FC-ESI-11003P
ESI-11004	FC-ESI-11004*	FC-ESI-11004P
ESI-11005	FC-ESI-11005*	FC-ESI-11005P
ESI-11006	FC-ESI-11006*	FC-ESI-11006P
-	FC-ESI-11008	-
-	FC-ESI-11010	-
-	FC-ESI-11015	-
-	-	FC-ESI-11020P

Replacement Cap Gasket	
10BG-2270-0150	Flat seal (sizes 015-06)
65-BS205	O-ring (sizes 08-15)

* Uses flat sealing gasket.