

PE HOSE: O.D. mm			FIELD-PIPE LENGTH MT					SPEED MT/H	SPEED MT/H	SPEED MT/H		SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H	SPEED MT/H			
75			300					10	20	30		40	50	60	70	80	90	100									
nozzle diam mm	nozzle pres bar	theoric throw mt	Flow mc/h	Flow l/min	Flow l/s	Pull to pull dist. mt	Irrigated area per pull Ha	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar		
16	2	24.15	13.6	227	4	38.6	1.16	35	3.0	18	3.2	12	3.3	9	3.5	7	3.7	6	3.8	5	4.0	4	4.2	4	4.3	4	4.5
16	2.5	27.00	15.2	254	4.2	43.2	1.30	35	3.7	18	3.8	12	4.0	9	4.2	7	4.3	6	4.5	5	4.7	4	4.8	4	5.0	4	5.2
16	3	29.58	16.7	278	4.6	47.3	1.42	35	4.4	18	4.5	12	4.7	9	4.9	7	5.0	6	5.2	5	5.4	4	5.5	4	5.7	4	5.9
16	4	34.15	19.2	321	5.3	54.6	1.64	35	5.7	18	5.9	12	6.1	9	6.2	7	6.4	6	6.6	5	6.7	4	6.9	4	7.1	4	7.2
16	5	38.18	21.5	359	6.0	61.1	1.83	35	7.1	18	7.3	12	7.4	9	7.6	7	7.8	6	7.9	5	8.1	4	8.3	4	8.4	4	8.6
18	2	25.61	17.2	287	4.8	41.0	1.23	42	3.4	21	3.6	14	3.8	11	3.9	8	4.1	7	4.3	6	4.4	5	4.6	5	4.8	4	4.9
18	3.0	31.37	21.1	352	5.9	50.2	1.51	42	5.0	21	5.2	14	5.4	11	5.5	8	5.7	7	5.9	6	6.0	5	6.2	5	6.4	4	6.5
18	4	36.22	24.4	406	6.8	58.0	1.74	42	6.6	21	6.8	14	6.9	11	7.1	8	7.3	7	7.4	6	7.6	5	7.8	5	7.9	4	8.1
18	5	40.50	27.2	454	7.6	64.8	1.94	42	8.1	21	8.3	14	8.5	11	8.6	8	8.8	7	9.0	6	9.1	5	9.3	5	9.5	4	9.6
18	6	44.37	29.8	497	8.3	71.0	2.13	42	9.7	21	9.9	14	10.0	11	10.2	8	10.4	7	10.5	6	10.7	5	10.9	5	11.0	4	11.2
20	2	27.00	21.3	354	5.9	43.2	1.30	49	4.0	25	4.2	16	4.4	12	4.5	10	4.7	8	4.9	7	5.0	6	5.2	5	5.4	5	5.5
20	3.0	33.07	26.0	434	7.2	52.9	1.59	49	5.9	25	6.1	16	6.2	12	6.4	10	6.6	8	6.7	7	6.9	6	7.1	5	7.2	5	7.4
20	4	38.18	30.1	501	8.4	61.1	1.83	49	7.7	25	7.9	16	8.1	12	8.2	10	8.4	8	8.6	7	8.7	6	8.9	5	9.1	5	9.2
20	5	42.69	33.6	560	9.3	68.3	2.05	49	9.6	25	9.7	16	9.9	12	10.1	10	10.2	8	10.4	7	10.6	6	10.7	5	10.9	5	11.1
20	6	46.77	36.8	614	10.2	74.8	2.24	49	11.4	25	11.5	16	11.7	12	11.9	10	12.0	8	12.2	7	12.4	6	12.5	5	12.7	5	12.9
22	2	28.32	25.7	429	7.1	45.3	1.36	57	4.8	28	5.0	19	5.2	14	5.3	11	5.5	9	5.7	8	5.8	7	6.0	6	6.2	6	6.3
22	3.0	34.68	31.5	525	8.8	55.5	1.66	57	7.1	28	7.2	19	7.4	14	7.6	11	7.7	9	7.9	8	8.1	7	8.2	6	8.4	6	8.6
22	4	40.05	36.4	606	10.1	64.1	1.92	57	9.3	28	9.4	19	9.6	14	9.8	11	9.9	9	10.1	8	10.3	7	10.4	6	10.6	6	10.8
22	5	44.77	40.7	678	11.3	71.6	2.15	57	11.4	28	11.6	19	11.8	14	11.9	11	12.1	9	12.3	8	12.4	7	12.6	6	12.8	6	12.9
22	6	49.05	44.6	743	12.4	78.5	2.35	57	13.6	28	13.7	19	13.9	14	14.1	11	14.2	9	14.4	8	14.6	7	14.7	6	14.9	6	15.1