

PE HOSE: O.D. mm			FIELD-PIPE LENGTH					SPEED		SPEED		SPEED	
			MT					MT/H		MT/H		MT/H	
1250			300					10		20		30	
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
26	2	30.78	35.9	599	10	49.3	1.48	73	2.2	36	2.3	24	2.5
26	3.0	37.70	44.0	733	12.2	60.3	1.81	73	3.2	36	3.3	24	3.5
26	4	43.54	50.8	847	14.1	69.7	2.09	73	4.2	36	4.3	24	4.5
26	5	48.67	56.8	947	15.8	77.9	2.34	73	5.2	36	5.3	24	5.5
26	6	53.32	62.2	1037	17.3	85.3	2.56	73	6.2	36	6.3	24	6.5
28	2	31.95	41.7	695	11.6	51.1	1.53	82	2.2	41	2.3	27	2.5
28	3.0	39.13	51.0	851	14.2	62.6	1.88	82	3.2	41	3.3	27	3.5
28	4	45.18	58.9	982	16.4	72.3	2.17	82	4.2	41	4.3	27	4.5
28	5	50.51	65.9	1098	18.3	80.8	2.42	82	5.2	41	5.3	27	5.5
28	6	55.33	72.2	1203	20.0	88.5	2.66	82	6.2	41	6.3	27	6.5
30	3	40.50	58.6	977	16.3	64.8	1.94	90	3.2	45	3.3	30	3.5
30	4.0	46.77	67.7	1128	18.8	74.8	2.24	90	4.2	45	4.3	30	4.5
30	5	52.29	75.6	1261	21.0	83.7	2.51	90	5.2	45	5.3	30	5.5
30	6	57.28	82.9	1381	23.0	91.6	2.75	90	6.2	45	6.3	30	6.5
30	7	61.86	89.5	1492	24.9	99.0	2.97	90	7.2	45	7.3	30	7.5
32	3	41.83	66.7	1111	18.5	66.9	2.01	100	3.2	50	3.3	33	3.5
32	4.0	48.30	77.0	1283	21.4	77.3	2.32	100	4.2	50	4.3	33	4.5
32	5	54.00	86.1	1434	23.9	86.4	2.59	100	5.2	50	5.3	33	5.5
32	6	59.15	94.3	1571	26.2	94.6	2.84	100	6.2	50	6.3	33	6.5
32	7	63.89	101.8	1697	28.3	102.2	3.07	100	7.2	50	7.3	33	7.5
34	3	43.12	75.3	1254	20.9	69.0	2.07	109	3.2	55	3.3	36	3.5
34	4	49.79	86.9	1448	24.1	79.7	2.39	109	4.2	55	4.3	36	4.5
34	5	55.66	97.2	1619	27.0	89.1	2.67	109	5.2	55	5.3	36	5.5
34	6	60.97	106.4	1774	29.6	97.6	2.93	109	6.2	55	6.3	36	6.5
34	7	65.86	115.0	1916	31.9	105.4	3.16	109	7.2	55	7.3	36	7.5
36	4	51.23	97.4	1624	27.1	82.0	2.46	119	4.2	59	4.3	40	4.5
36	5	57.28	108.9	1815	30.3	91.6	2.75	119	5.2	59	5.3	40	5.5
36	6	62.74	119.3	1989	33.1	100.4	3.01	119	6.2	59	6.3	40	6.5
36	7	67.77	128.9	2148	35.8	108.4	3.25	119	7.2	59	7.3	40	7.5
36	8	72.45	137.8	2296	38.3	115.9	3.48	119	8.2	59	8.3	40	8.5
38	4	52.63	108.5	1809	30.2	84.2	2.53	129	4.2	64	4.3	43	4.5
38	5	58.85	121.4	2023	33.7	94.2	2.82	129	5.2	64	5.3	43	5.5
38	6	64.46	132.9	2216	36.9	103.1	3.09	129	6.2	64	6.3	43	6.5
38	7	69.63	143.6	2393	39.9	111.4	3.34	129	7.2	64	7.3	43	7.5
38	8	74.43	153.5	2558	42.6	119.1	3.57	129	8.2	64	8.3	43	8.5

SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H	
40		50		60		70		80		90		100	
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
18	2.7	15	2.8	12	3.0	10	3.2	9	3.3	8	3.5	7	3.7
18	3.7	15	3.8	12	4.0	10	4.2	9	4.3	8	4.5	7	4.7
18	4.7	15	4.8	12	5.0	10	5.2	9	5.3	8	5.5	7	5.7
18	5.7	15	5.8	12	6.0	10	6.2	9	6.3	8	6.5	7	6.7
18	6.7	15	6.8	12	7.0	10	7.2	9	7.3	8	7.5	7	7.7
20	2.7	16	2.8	14	3.0	12	3.2	10	3.3	9	3.5	8	3.7
20	3.7	16	3.8	14	4.0	12	4.2	10	4.3	9	4.5	8	4.7
20	4.7	16	4.8	14	5.0	12	5.2	10	5.3	9	5.5	8	5.7
20	5.7	16	5.8	14	6.0	12	6.2	10	6.3	9	6.5	8	6.7
20	6.7	16	6.8	14	7.0	12	7.2	10	7.3	9	7.5	8	7.7
23	3.7	18	3.8	15	4.0	13	4.2	11	4.3	10	4.5	9	4.7
23	4.7	18	4.8	15	5.0	13	5.2	11	5.3	10	5.5	9	5.7
23	5.7	18	5.8	15	6.0	13	6.2	11	6.3	10	6.5	9	6.7
23	6.7	18	6.8	15	7.0	13	7.2	11	7.3	10	7.5	9	7.7
23	7.7	18	7.8	15	8.0	13	8.2	11	8.3	10	8.5	9	8.7
25	3.7	20	3.8	17	4.0	14	4.2	12	4.3	11	4.5	10	4.7
25	4.7	20	4.8	17	5.0	14	5.2	12	5.3	11	5.5	10	5.7
25	5.7	20	5.8	17	6.0	14	6.2	12	6.3	11	6.5	10	6.7
25	6.7	20	6.8	17	7.0	14	7.2	12	7.3	11	7.5	10	7.7
25	7.7	20	7.8	17	8.0	14	8.2	12	8.3	11	8.5	10	8.7
27	3.7	22	3.8	18	4.0	16	4.2	14	4.3	12	4.5	11	4.7
27	4.7	22	4.8	18	5.0	16	5.2	14	5.3	12	5.5	11	5.7
27	5.7	22	5.8	18	6.0	16	6.2	14	6.3	12	6.5	11	6.7
27	6.7	22	6.8	18	7.0	16	7.2	14	7.3	12	7.5	11	7.7
27	7.7	22	7.8	18	8.0	16	8.2	14	8.3	12	8.5	11	8.7
30	4.7	24	4.8	20	5.0	17	5.2	15	5.3	13	5.5	12	5.7
30	5.7	24	5.8	20	6.0	17	6.2	15	6.3	13	6.5	12	6.7
30	6.7	24	6.8	20	7.0	17	7.2	15	7.3	13	7.5	12	7.7
30	7.7	24	7.8	20	8.0	17	8.2	15	8.3	13	8.5	12	8.7
30	8.7	24	8.8	20	9.0	17	9.2	15	9.3	13	9.5	12	9.7
32	4.7	26	4.8	21	5.0	18	5.2	16	5.3	14	5.5	13	5.7
32	5.7	26	5.8	21	6.0	18	6.2	16	6.3	14	6.5	13	6.7
32	6.7	26	6.8	21	7.0	18	7.2	16	7.3	14	7.5	13	7.7
32	7.7	26	7.8	21	8.0	18	8.2	16	8.3	14	8.5	13	8.7
32	8.7	26	8.8	21	9.0	18	9.2	16	9.3	14	9.5	13	9.7