

PE HOSE: O.D. mm			FIELD-PIPE LENGTH MT					SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH	SPEED MTH									
125			440					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								
26	2	30.78	35.9	599	10	49.3	2.17	73	2.8	36	2.9	24	3.1	18	3.3	15	3.4	12	3.6	10	3.8	9	3.9	8	4.1	7	4.3
26	3.0	37.70	44.0	733	12.2	60.3	2.65	73	4.0	36	4.2	24	4.4	18	4.5	15	4.7	12	4.9	10	5.0	9	5.2	8	5.4	7	5.5
26	4	43.54	50.8	847	14.1	69.7	3.06	73	5.3	36	5.5	24	5.7	18	5.8	15	6.0	12	6.2	10	6.3	9	6.5	8	6.7	7	6.8
26	5	48.67	56.8	947	15.8	77.9	3.43	73	6.6	36	6.7	24	6.9	18	7.1	15	7.2	12	7.4	10	7.6	9	7.7	8	7.9	7	8.1
26	6	53.32	62.2	1037	17.3	85.3	3.75	73	7.8	36	8.0	24	8.2	18	8.3	15	8.5	12	8.7	10	8.8	9	9.0	8	9.2	7	9.3
28	2	31.95	41.7	695	11.6	51.1	2.25	82	3.0	41	3.1	27	3.3	20	3.5	16	3.6	14	3.8	12	4.0	10	4.1	9	4.3	8	4.5
28	3.0	39.13	51.0	851	14.2	62.6	2.75	82	4.3	41	4.5	27	4.7	20	4.8	16	5.0	14	5.2	12	5.3	10	5.5	9	5.7	8	5.8
28	4	45.18	58.9	982	16.4	72.3	3.18	82	5.7	41	5.8	27	6.0	20	6.2	16	6.3	14	6.5	12	6.7	10	6.8	9	7.0	8	7.2
28	5	50.51	65.9	1098	18.3	80.8	3.56	82	7.0	41	7.2	27	7.4	20	7.5	16	7.7	14	7.9	12	8.0	10	8.2	9	8.4	8	8.5
28	6	55.33	72.2	1203	20.0	88.5	3.90	82	8.4	41	8.5	27	8.7	20	8.9	16	9.0	14	9.2	12	9.4	10	9.5	9	9.7	8	9.9
30	3	40.50	58.6	977	16.3	64.8	2.85	90	4.7	45	4.8	30	5.0	23	5.2	18	5.3	15	5.5	13	5.7	11	5.8	10	6.0	9	6.2
30	4.0	46.77	67.7	1128	18.8	74.8	3.29	90	6.1	45	6.3	30	6.5	23	6.6	18	6.8	15	7.0	13	7.1	11	7.3	10	7.5	9	7.6
30	5	52.29	75.6	1261	21.0	83.7	3.68	90	7.6	45	7.7	30	7.9	23	8.1	18	8.2	15	8.4	13	8.6	11	8.7	10	8.9	9	9.1
30	6	57.28	82.9	1381	23.0	91.6	4.03	90	9.0	45	9.2	30	9.3	23	9.5	18	9.7	15	9.8	13	10.0	11	10.2	10	10.3	9	10.5
30	7	61.86	89.5	1492	24.9	99.0	4.36	90	10.5	45	10.6	30	10.8	23	11.0	18	11.1	15	11.3	13	11.5	11	11.6	10	11.8	9	12.0
32	3	41.83	66.7	1111	18.5	66.9	2.94	100	5.1	50	5.2	33	5.4	25	5.6	20	5.7	17	5.9	14	6.1	12	6.2	11	6.4	10	6.6
32	4.0	48.30	77.0	1283	21.4	77.3	3.40	100	6.7	50	6.8	33	7.0	25	7.2	20	7.3	17	7.5	14	7.7	12	7.8	11	8.0	10	8.2
32	5	54.00	86.1	1434	23.9	86.4	3.80	100	8.2	50	8.4	33	8.6	25	8.7	20	8.9	17	9.1	14	9.2	12	9.4	11	9.6	10	9.7
32	6	59.15	94.3	1571	26.2	94.6	4.16	100	9.8	50	9.9	33	10.1	25	10.3	20	10.4	17	10.6	14	10.8	12	10.9	11	11.1	10	11.3
32	7	63.89	101.8	1697	28.3	102.2	4.50	100	11.3	50	11.5	33	11.7	25	11.8	20	12.0	17	12.2	14	12.3	12	12.5	11	12.7	10	12.8
34	3	43.12	75.3	1254	20.9	69.0	3.04	109	5.5	55	5.7	36	5.9	27	6.0	22	6.2	18	6.4	16	6.5	14	6.7	12	6.9	11	7.0
34	4	49.79	86.9	1448	24.1	79.7	3.50	109	7.3	55	7.4	36	7.6	27	7.8	22	7.9	18	8.1	16	8.3	14	8.4	12	8.6	11	8.8
34	5	55.66	97.2	1619	27.0	89.1	3.92	109	9.0	55	9.2	36	9.3	27	9.5	22	9.7	18	9.8	16	10.0	14	10.2	12	10.3	11	10.5
34	6	60.97	106.4	1774	29.6	97.6	4.29	109	10.7	55	10.9	36	11.0	27	11.2	22	11.4	18	11.5	16	11.7	14	11.9	12	12.0	11	12.2
34	7	65.86	115.0	1916	31.9	105.4	4.64	109	12.4	55	12.6	36	12.7	27	12.9	22	13.1	18	13.2	16	13.4	14	13.6	12	13.7	11	13.9
36	4	51.23	97.4	1624	27.1	82.0	3.61	119	8.0	59	8.2	40	8.3	30	8.5	24	8.7	20	8.8	17	9.0	15	9.2	13	9.3	12	9.5
36	5	57.28	108.9	1815	30.3	91.6	4.03	119	9.9	59	10.1	40	10.2	30	10.4	24	10.6	20	10.7	17	10.9	15	11.1	13	11.2	12	11.4
36	6	62.74	119.3	1989	33.1	100.4	4.42	119	11.8	59	11.9	40	12.1	30	12.3	24	12.4	20	12.6	17	12.8	15	12.9	13	13.1	12	13.3
36	7	67.77	128.9	2148	35.8	108.4	4.77	119	13.6	59	13.8	40	14.0	30	14.1	24	14.3	20	14.5	17	14.6	15	14.8	13	15.0	12	15.1
36	8	72.45	137.8	2296	38.3	115.9	5.10	119	15.5	59	15.6	40	15.8	30	16.0	24	16.1	20	16.3	17	16.5	15	16.6	13	16.8	12	17.0
38	4	52.63	108.5	1809	30.2	84.2	3.71	129	8.9	64	9.0	43	9.2	32	9.4	26	9.5	21	9.7	18	9.9	16	10.0	14	10.2	13	10.4
38	5	58.85	121.4	2023	33.7	94.2	4.14	129	10.9	64	11.1	43	11.3	32	11.4	26	11.6	21	11.8	18	11.9	16	12.1	14	12.3	13	12.4
38	6	64.46	132.9	2216	36.9	103.1	4.54	129	13.0	64	13.2	43	13.3	32	13.5	26	13.7	21	13.8	18	14.0	16	14.2	14	14.3	13	14.5
38	7	69.63	143.6	2393	39.9	111.4	4.90	129	15.0	64	15.2	43	15.4	32	15.5	26	15.7	21	15.9	18	16.0	16	16.2	14	16.4	13	16.5
38	8	74.43	153.5	2558	42.6	119.1	5.24	129	17.1	64	17.3	43	17.4	32	17.6	26	17.8	21	17.9	18	18.1	16	18.3	14	18.4	13	18.6