

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	
82			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	rate mm	inlet pres bar
26	2	30.78	35.9	599	10	49.3	1.48	73	5.4	36	5.6	24	5.7	18	5.9	15	6.1	12	6.2	10	6.4	9	6.6	8	6.7	7	6.9
26	3.0	37.70	44.0	733	12.2	60.3	1.81	73	7.9	36	8.0	24	8.2	18	8.4	15	8.5	12	8.7	10	8.9	9	9.0	8	9.2	7	9.4
26	4	43.54	50.8	847	14.1	69.7	2.09	73	10.3	36	10.5	24	10.6	18	10.8	15	11.0	12	11.1	10	11.3	9	11.5	8	11.6	7	11.8
26	5	48.67	56.8	947	15.8	77.9	2.34	73	12.7	36	12.9	24	13.0	18	13.2	15	13.4	12	13.5	10	13.7	9	13.9	8	14.0	7	14.2
26	6	53.32	62.2	1037	17.3	85.3	2.56	73	15.1	36	15.2	24	15.4	18	15.6	15	15.7	12	15.9	10	16.1	9	16.2	8	16.4	7	16.6
28	2	31.95	41.7	695	11.6	51.1	1.53	82	6.4	41	6.6	27	6.7	20	6.9	16	7.1	14	7.2	12	7.4	10	7.6	9	7.7	8	7.9
28	3.0	39.13	51.0	851	14.2	62.6	1.88	82	9.3	41	9.5	27	9.7	20	9.8	16	10.0	14	10.2	12	10.3	10	10.5	9	10.7	8	10.8
28	4	45.18	58.9	982	16.4	72.3	2.17	82	12.2	41	12.4	27	12.5	20	12.7	16	12.9	14	13.0	12	13.2	10	13.4	9	13.5	8	13.7
28	5	50.51	65.9	1098	18.3	80.8	2.42	82	15.1	41	15.2	27	15.4	20	15.6	16	15.7	14	15.9	12	16.1	10	16.2	9	16.4	8	16.6
28	6	55.33	72.2	1203	20.0	88.5	2.66	82	17.9	41	18.0	27	18.2	20	18.4	16	18.5	14	18.7	12	18.9	10	19.0	9	19.2	8	19.4
30	3	40.50	58.6	977	16.3	64.8	1.94	90	11.1	45	11.3	30	11.5	23	11.6	18	11.8	15	12.0	13	12.1	11	12.3	10	12.5	9	12.6
30	4.0	46.77	67.7	1128	18.8	74.8	2.24	90	14.6	45	14.7	30	14.9	23	15.1	18	15.2	15	15.4	13	15.6	11	15.7	10	15.9	9	16.1
30	5	52.29	75.6	1261	21.0	83.7	2.51	90	17.9	45	18.1	30	18.3	23	18.4	18	18.6	15	18.8	13	18.9	11	19.1	10	19.3	9	19.4
30	6	57.28	82.9	1381	23.0	91.6	2.75	90	21.3	45	21.5	30	21.6	23	21.8	18	22.0	15	22.1	13	22.3	11	22.5	10	22.6	9	22.8
30	7	61.86	89.5	1492	24.9	99.0	2.97	90	24.6	45	24.8	30	24.9	23	25.1	18	25.3	15	25.4	13	25.6	11	25.8	10	25.9	9	26.1
32	3	41.83	66.7	1111	18.5	66.9	2.01	100	13.3	50	13.4	33	13.6	25	13.8	20	13.9	17	14.1	14	14.3	12	14.4	11	14.6	10	14.8
32	4.0	48.30	77.0	1283	21.4	77.3	2.32	100	17.4	50	17.5	33	17.7	25	17.9	20	18.0	17	18.2	14	18.4	12	18.5	11	18.7	10	18.9
32	5	54.00	86.1	1434	23.9	86.4	2.59	100	21.4	50	21.6	33	21.7	25	21.9	20	22.1	17	22.2	14	22.4	12	22.6	11	22.7	10	22.9
32	6	59.15	94.3	1571	26.2	94.6	2.84	100	25.4	50	25.5	33	25.7	25	25.9	20	26.0	17	26.2	14	26.4	12	26.5	11	26.7	10	26.9
32	7	63.89	101.8	1697	28.3	102.2	3.07	100	29.3	50	29.5	33	29.7	25	29.8	20	30.0	17	30.2	14	30.3	12	30.5	11	30.7	10	30.8
34	3	43.12	75.3	1254	20.9	69.0	2.07	109	15.8	55	16.0	36	16.2	27	16.3	22	16.5	18	16.7	16	16.8	14	17.0	12	17.2	11	17.3
34	4	49.79	86.9	1448	24.1	79.7	2.39	109	20.7	55	20.9	36	21.0	27	21.2	22	21.4	18	21.5	16	21.7	14	21.9	12	22.0	11	22.2
34	5	55.66	97.2	1619	27.0	89.1	2.67	109	25.5	55	25.6	36	25.8	27	26.0	22	26.1	18	26.3	16	26.5	14	26.6	12	26.8	11	27.0
34	6	60.97	106.4	1774	29.6	97.6	2.93	109	30.2	55	30.4	36	30.6	27	30.7	22	30.9	18	31.1	16	31.2	14	31.4	12	31.6	11	31.7
34	7	65.86	115.0	1916	31.9	105.4	3.16	109	34.9	55	35.1	36	35.2	27	35.4	22	35.6	18	35.7	16	35.9	14	36.1	12	36.2	11	36.4
36	4	51.23	97.4	1624	27.1	82.0	2.46	119	24.6	59	24.8	40	24.9	30	25.1	24	25.3	20	25.4	17	25.6	15	25.8	13	25.9	12	26.1
36	5	57.28	108.9	1815	30.3	91.6	2.75	119	30.3	59	30.4	40	30.6	30	30.8	24	30.9	20	31.1	17	31.3	15	31.4	13	31.6	12	31.8
36	6	62.74	119.3	1989	33.1	100.4	3.01	119	35.9	59	36.1	40	36.2	30	36.4	24	36.6	20	36.7	17	36.9	15	37.1	13	37.2	12	37.4
36	7	67.77	128.9	2148	35.8	108.4	3.25	119	41.4	59	41.6	40	41.8	30	41.9	24	42.1	20	42.3	17	42.4	15	42.6	13	42.8	12	42.9
36	8	72.45	137.8	2296	38.3	115.9	3.48	119	47.0	59	47.1	40	47.3	30	47.5	24	47.6	20	47.8	17	48.0	15	48.1	13	48.3	12	48.5
38	4	52.63	108.5	1809	30.2	84.2	2.53	129	29.1	64	29.3	43	29.4	32	29.6	26	29.8	21	29.9	18	30.1	16	30.3	14	30.4	13	30.6
38	5	58.85	121.4	2023	33.7	94.2	2.82	129	35.8	64	36.0	43	36.2	32	36.3	26	36.5	21	36.7	18	36.8	16	37.0	14	37.2	13	37.3
38	6	64.46	132.9	2216	36.9	103.1	3.09	129	42.5	64	42.6	43	42.8	32	43.0	26	43.1	21	43.3	18	43.5	16	43.6	14	43.8	13	44.0
38	7	69.63	143.6	2393	39.9	111.4	3.34	129	49.0	64	49.2	43	49.4	32	49.5	26	49.7	21	49.9	18	50.0	16	50.2	14	50.4	13	50.5
38	8	74.43	153.5	2558	42.6	119.1	3.57	129	55.6	64	55.7	43	55.9	32	56.1	26	56.2	21	56.4	18	56.6	16	56.7	14	56.9	13	57.1