

Dripline Type: HYDROGOL: 12/25/1**Diameter: 10.4 (ID)****Nominal Flow Rate: 1.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	26	32	41	43	48	54	58	62	63	65	68	69
	10	29	36	48	51	57	64	70	75	77	79	83	86
-1	7.5	28	34	46	50	56	65	72	78	82	84	90	94
	10	31	39	53	56	64	75	83	92	95	99	105	111
0	7.5	29	37	52	56	65	77	88	99	104	109	118	127
	10	33	42	58	63	73	87	99	111	116	122	132	143
1	7.5	31	40	56	61	72	86	100	113	120	126	140	152
	10	34	44	62	68	80	95	110	125	132	139	153	166
2	7.5	32	41	60	65	77	94	110	126	134	141	157	171
	10	35	46	66	72	85	103	121	137	146	154	170	185

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	45	50	76	83	81	101	121	141	148	122	137	152
-1	45	60	76	83	101	126	121	141	152	162	182	202
0	45	60	76	83	101	126	151	176	189	162	182	202
1	45	60	91	100	121	126	151	176	189	202	227	252
2	45	60	91	100	121	151	181	211	227	202	227	252

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Design dept.

HYDROGOL

Durable multi season integral dripline



Dripline Type: HYDROGOL: 12/25/2.2

Diameter: 10.4 (ID)

Nominal Flow Rate: 2.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	16	20	27	28	32	37	41	44	46	47	50	53
	10	18	23	31	33	37	43	48	52	54	56	59	63
-1	7.5	17	21	29	31	35	41	46	51	53	55	59	63
	10	19	23	32	35	40	47	53	58	61	64	68	73
0	7.5	17	22	30	33	38	45	52	58	61	64	69	75
	10	19	24	34	37	43	51	58	65	68	72	78	84
1	7.5	18	23	32	35	41	49	56	64	68	71	77	84
	10	20	25	36	39	45	55	63	71	75	78	86	93
2	7.5	18	23	34	36	43	52	60	69	73	76	84	92
	10	20	26	37	40	47	57	66	76	80	84	92	101

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Dripline.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	30	40	46	50	61	76	88	96	99	102	110	102
-1	30	40	46	50	61	76	91	106	110	114	123	132
0	30	40	61	67	61	76	91	106	114	122	137	152
1	30	40	61	67	81	76	91	106	114	122	137	152
2	30	40	61	67	81	101	121	106	114	122	137	152

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 12/25/3

Diameter: 10.4 (ID)

Nominal Flow Rate: 3.0 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	13	17	23	24	28	32	35	39	41	42	45	47
	10	15	19	26	27	32	37	41	45	47	49	52	55
-1	7.5	14	17	24	26	30	35	39	43	46	47	51	54
	10	15	19	27	29	33	39	44	49	52	54	58	62
0	7.5	14	18	25	27	32	38	43	48	50	53	58	62
	10	16	20	28	30	35	42	48	54	56	59	65	69
1	7.5	14	19	26	29	34	40	46	52	55	58	63	68
	10	16	21	29	32	37	44	51	57	61	64	70	76
2	7.5	15	19	27	29	35	42	49	55	59	62	68	74
	10	16	21	30	33	38	46	53	60	64	67	74	80

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	23	30	46	49	57	66	73	71	77	82	92	97
-1	23	30	46	50	59	71	79	89	92	98	92	102
0	23	30	46	50	61	76	85	96	103	106	114	127
1	23	30	46	50	61	76	91	103	110	118	128	137
2	23	30	46	50	61	76	91	106	114	122	132	147

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 12/35/1

Dripline Diameter: 10.4 (ID)

Nominal Flow Rate: 0.9 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	25	31	40	42	47	52	56	60	61	62	65	66
	10	29	36	47	50	56	63	69	74	76	78	81	84
-1	7.5	27	34	46	49	55	64	71	77	80	82	87	92
	10	31	39	53	56	64	74	83	91	95	98	104	110
0	7.5	29	37	52	56	65	77	88	99	104	109	118	127
	10	33	42	59	63	73	87	100	111	117	122	133	144
1	7.5	31	40	57	62	73	88	102	116	122	129	142	154
	10	35	44	63	69	81	97	113	127	135	142	157	170
2	7.5	32	42	61	66	79	96	112	129	137	144	159	174
	10	36	47	67	73	86	105	123	140	149	157	174	189

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	46	56	75	80	90	101	111	120	123	126	133	139
-1	49	61	82	88	101	118	130	142	150	156	167	176
0	52	66	92	99	115	137	156	176	187	196	209	225
1	54	70	100	108	127	153	178	202	213	224	246	267
2	57	74	106	115	136	164	191	216	229	242	270	293

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 12/35/2**Diameter: 10.4 (ID)****Nominal Flow Rate: 2.2 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	16	19	26	27	31	36	40	43	44	46	48	50
	10	18	22	30	32	36	42	47	51	53	54	58	61
-1	7.5	16	20	28	30	34	40	45	49	52	54	58	61
	10	19	23	32	34	39	46	52	57	60	62	67	71
0	7.5	17	22	30	32	38	45	51	57	60	63	68	74
	10	19	24	34	37	42	51	58	65	68	71	77	84
1	7.5	17	22	32	34	40	49	56	64	67	70	77	84
	10	20	25	35	39	45	54	62	71	74	78	86	93
2	7.5	18	23	33	36	43	52	61	69	73	77	85	92
	10	20	26	37	40	47	57	67	76	80	84	93	101

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	28	36	47	51	58	68	75	82	86	89	95	100
-1	29	37	50	54	62	74	83	92	96	100	108	115
0	30	39	54	59	67	80	91	104	110	114	125	134
1	31	40	58	62	73	86	100	113	119	125	137	150
2	32	41	60	65	77	93	108	120	127	134	147	159

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 12/35/3

Diameter: 10.4 (ID)

Nominal Flow Rate: 3.0 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	13	16	22	24	27	31	35	38	40	41	43	46
	10	15	18	25	27	30	36	40	43	45	46	50	53
-1	7.5	14	17	23	25	29	34	38	43	44	46	50	53
	10	15	19	26	28	32	38	43	48	50	52	56	60
0	7.5	14	18	25	27	32	38	43	48	50	53	58	62
	10	16	20	28	30	35	42	47	53	56	58	64	69
1	7.5	15	19	26	29	34	40	46	53	56	58	64	69
	10	16	20	29	31	36	44	50	57	60	63	69	75
2	7.5	15	19	27	30	35	43	49	56	59	62	68	75
	10	16	21	30	32	38	46	53	61	64	67	74	81

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	23	29	40	43	49	57	64	70	73	75	81	85
-1	24	30	42	45	52	61	69	77	80	84	90	96
0	25	31	44	48	56	66	76	85	89	94	102	110
1	25	32	46	50	59	71	82	92	98	102	113	122
2	26	33	47	52	61	75	86	98	104	109	120	130

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/25/1**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.2 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	35	41	51	54	58	63	66	69	70	70	72	73
	10	40	49	62	65	71	78	83	88	89	90	94	95
-1	7.5	39	47	62	66	74	83	91	97	101	103	108	113
	10	44	55	72	77	86	99	109	118	122	126	132	138
0	7.5	43	54	74	80	92	109	124	139	146	152	166	178
	10	48	61	84	90	104	123	140	157	164	172	187	201
1	7.5	46	59	84	91	107	130	151	171	181	190	210	228
	10	51	66	93	101	118	143	166	188	198	209	230	250
2	7.5	49	64	92	100	119	145	169	193	114	122	92	99
	10	54	70	101	110	130	157	184	210	222	235	259	152

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	63	76	97	102	114	126	137	143	148	151	158	162
-1	68	85	112	120	135	154	173	185	191	201	212	223
0	75	95	131	141	164	193	220	246	258	270	293	315
1	81	104	147	159	187	225	260	294	310	326	357	388
2	85	110	157	171	201	241	278	314	332	348	380	410

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/25/1.6**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.9 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	28	34	44	46	51	56	61	64	65	66	68	71
	10	32	39	50	53	59	66	71	76	78	80	83	86
-1	7.5	30	38	50	53	60	69	76	83	86	89	94	98
	10	34	42	56	60	68	78	87	95	98	102	108	114
0	7.5	33	41	57	61	71	84	95	106	112	118	127	137
	10	36	45	63	68	78	93	106	118	124	130	140	151
1	7.5	35	44	63	68	80	96	111	125	133	140	153	167
	10	38	48	68	74	86	104	120	136	143	151	166	180
2	7.5	36	47	67	73	86	105	122	140	149	157	173	189
	10	39	51	73	79	93	113	131	150	158	167	185	201

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	50	61	79	84	95	106	117	125	129	133	138	145
-1	53	66	90	94	107	125	140	151	157	162	176	185
0	57	72	99	107	124	146	167	186	196	205	226	244
1	60	77	109	118	138	165	191	216	228	239	262	284
2	62	81	115	125	147	177	205	232	245	258	282	305

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/25/2.2

Diameter: 13.8 (ID)

Nominal Flow Rate: 2.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	27	33	42	44	49	55	59	62	64	66	68	70
	10	30	37	49	52	58	65	71	76	79	81	85	88
-1	7.5	28	35	47	51	57	66	73	80	83	86	91	96
	10	32	40	54	57	65	76	84	92	96	99	106	112
0	7.5	30	38	53	57	66	78	88	99	104	109	118	127
	10	34	43	59	63	73	87	99	111	116	122	131	142
1	7.5	32	41	57	62	73	87	100	113	120	126	139	150
	10	35	45	63	68	80	96	110	125	131	138	151	164
2	7.5	33	42	61	66	78	95	110	125	133	140	155	169
	10	36	47	66	72	85	103	119	136	144	152	167	183

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	46	57	75	80	88	101	111	120	123	126	133	139
-1	49	61	82	87	100	115	128	141	149	154	165	174
0	52	66	91	98	113	134	152	174	179	187	203	219
1	54	70	98	107	125	150	173	195	206	217	237	257
2	56	73	104	113	133	160	185	209	221	233	255	276

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/25/4.4**Diameter: 13.8 (ID)****Nominal Flow Rate: 4.4 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	17	21	27	29	33	37	41	44	46	47	50	52
	10	19	24	32	34	38	43	48	52	54	55	59	61
-1	7.5	18	22	30	32	36	42	47	52	54	56	59	63
	10	20	25	34	36	41	48	54	60	62	65	69	74
0	7.5	18	23	32	35	40	48	54	60	64	66	72	78
	10	21	26	36	39	45	54	61	68	71	74	81	87
1	7.5	19	24	34	37	43	52	60	67	71	75	82	89
	10	21	27	38	41	48	58	67	75	80	83	91	99
2	7.5	20	25	36	39	46	56	64	73	77	82	90	98
	10	22	28	40	44	51	62	71	81	86	90	99	108

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	30	38	51	53	61	70	78	85	89	91	97	102
-1	31	40	54	58	66	76	87	96	101	104	112	119
0	32	41	58	63	72	85	97	108	114	120	131	141
1	34	43	61	66	78	93	107	119	125	132	144	156
2	35	45	63	69	81	99	115	130	137	144	158	168

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/35/1.1**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.1 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	37	44	54	56	60	65	68	70	71	72	73	74
	10	44	52	65	69	75	82	86	90	92	94	95	98
-1	7.5	42	51	67	70	78	89	96	103	106	109	113	118
	10	48	59	78	83	93	105	116	125	129	133	140	146
0	7.5	47	59	81	88	101	119	136	151	159	166	181	194
	10	52	66	92	98	114	135	153	171	179	188	204	219
1	7.5	50	65	93	101	118	143	166	189	200	210	232	253
	10	56	72	103	111	131	157	182	207	219	230	254	276
2	7.5	54	70	102	111	132	161	188	106	114	116	92	95
	10	59	77	111	121	143	174	204	232	247	261	182	152

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	68	82	106	109	121	133	145	153	154	159	165	169
-1	75	92	122	129	146	166	183	202	206	212	227	238
0	82	105	144	155	180	212	242	270	283	296	321	346
1	89	115	163	176	207	249	287	325	343	361	395	429
2	94	122	174	189	222	267	307	347	365	383	418	455

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/35/1.8**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.8 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	28	34	44	46	50	56	59	62	64	65	67	69
	10	33	40	52	55	61	68	73	78	80	82	85	88
-1	7.5	31	38	51	54	61	70	77	83	86	89	94	98
	10	35	44	59	62	71	81	91	99	102	106	113	118
0	7.5	33	42	58	62	72	86	97	109	114	119	130	139
	10	37	47	65	71	82	97	110	123	129	135	147	157
1	7.5	35	45	64	69	81	98	113	128	135	142	157	170
	10	39	51	71	77	90	108	125	141	149	157	172	188
2	7.5	37	48	69	75	88	107	125	143	152	161	177	192
	10	41	53	76	82	97	118	137	156	166	174	193	210

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	45	60	76	83	101	101	121	141	152	162	137	152
-1	53	60	91	100	101	126	151	141	152	162	182	202
0	53	70	91	100	121	151	151	176	189	202	227	252
1	53	70	106	100	121	151	181	211	227	242	227	252
2	53	70	106	116	141	176	181	211	227	242	272	302

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/35/2.15**Diameter: 13.8 (ID)****Nominal Flow Rate: 2.15 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	25	31	40	42	46	52	55	59	60	62	64	66
	10	29	35	46	48	54	61	66	70	72	74	77	80
-1	7.5	27	34	45	48	54	62	69	75	78	81	86	90
	10	30	38	51	54	62	71	79	87	90	93	99	105
0	7.5	29	37	51	55	63	75	85	95	100	104	113	122
	10	32	41	56	60	70	83	94	106	111	116	126	135
1	7.5	31	40	57	60	70	84	97	110	116	122	133	144
	10	34	44	62	66	77	93	107	120	128	134	145	157
2	7.5	32	41	59	63	75	91	106	120	128	136	149	163
	10	35	45	65	69	82	99	115	131	139	146	161	175

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	43	52	68	72	80	90	98	106	114	122	116	121
-1	46	57	76	81	92	106	118	130	134	139	148	156
0	49	62	86	92	107	127	145	161	170	177	193	207
1	52	67	94	102	120	143	166	187	197	208	228	247
2	54	70	100	109	128	154	178	202	212	224	245	265

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/35/4.11**Diameter: 13.8 (ID)****Nominal Flow Rate: 4.11 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	17	22	29	30	34	39	43	46	47	49	51	53
	10	20	25	33	35	40	45	50	55	56	58	61	65
-1	7.5	18	23	31	33	38	44	49	54	56	58	62	66
	10	21	26	35	38	43	50	56	62	65	67	72	77
0	7.5	19	24	34	36	42	50	56	63	66	69	75	81
	10	21	27	38	40	47	56	63	71	74	78	85	91
1	7.5	20	25	36	39	45	54	62	71	74	78	86	93
	10	22	28	40	43	50	60	69	78	82	86	95	102
2	7.5	21	27	38	41	48	58	68	77	82	86	95	103
	10	23	29	41	45	53	64	74	84	89	94	103	112

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	31	39	52	55	63	71	79	85	92	94	96	102
-1	32	40	56	60	69	79	88	99	103	106	114	122
0	33	42	61	65	75	89	100	110	118	122	132	147
1	35	44	62	68	81	96	112	127	133	142	150	162
2	37	46	65	72	83	101	118	134	144	150	164	177

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/35/10.7**Diameter: 13.8 (ID)****Nominal Flow Rate: 10.7 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	10	13	17	18	21	24	27	29	31	32	34	36
	10	11	14	19	21	24	27	31	34	35	37	39	41
-1	7.5	10	13	18	19	22	26	29	32	34	35	38	40
	10	11	14	20	22	24	29	32	36	38	39	42	46
0	7.5	11	13	19	20	23	28	31	35	37	38	41	45
	10	12	15	21	22	26	31	35	39	41	42	46	50
1	7.5	11	14	19	21	24	29	34	38	40	42	45	49
	10	12	15	21	23	27	32	37	41	44	46	50	54
2	7.5	11	14	20	22	25	31	35	40	42	44	49	52
	10	12	16	22	24	28	33	38	43	46	48	53	57

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	18	23	31	33	38	44	49	54	56	58	63	67
-1	18	23	32	34	39	46	52	58	61	63	68	73
0	19	24	33	36	41	49	56	62	66	69	75	80
1	19	25	34	37	43	51	59	67	71	74	80	87
2	20	25	35	38	45	54	61	70	74	78	85	92

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/40/1**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	38	45	55	57	62	66	69	71	72	73	74	75
	10	45	54	67	70	76	83	88	92	93	94	97	99
-1	7.5	43	53	69	73	81	91	99	106	109	111	116	120
	10	50	61	80	85	96	109	119	128	132	136	143	149
0	7.5	49	61	84	91	105	124	141	158	165	173	187	202
	10	55	69	95	102	118	140	160	178	187	195	212	228
1	7.5	53	68	97	105	124	150	174	197	209	221	243	265
	10	59	75	107	116	136	164	191	216	229	241	266	289
2	7.5	56	73	107	116	138	168	197	206	110	112	92	93
	10	62	81	116	127	150	183	214	244	259	162	137	149

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	70	85	107	114	123	138	147	155	156	162	167	171
-1	77	95	125	133	150	173	188	207	214	217	229	244
0	86	109	150	161	186	220	251	280	294	307	334	359
1	93	120	170	184	216	259	300	339	358	376	412	447
2	98	127	182	197	231	278	320	361	380	402	444	478

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/40/1.6**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.6 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	30	36	46	48	52	58	61	64	66	66	68	70
	10	35	43	55	57	64	71	76	81	83	85	87	90
-1	7.5	33	41	54	57	64	73	80	88	90	93	98	102
	10	37	47	62	66	75	86	95	104	107	111	118	124
0	7.5	36	45	62	67	78	92	104	116	122	128	139	149
	10	40	51	70	76	87	103	118	132	138	144	157	169
1	7.5	38	49	69	75	87	105	122	139	146	154	169	184
	10	42	54	77	83	97	117	134	153	161	170	186	202
2	7.5	40	52	74	81	96	117	136	155	165	174	187	202
	10	44	57	82	89	105	127	148	169	179	189	209	228

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	48	59	79	83	93	106	115	124	129	130	137	142
-1	51	63	86	91	105	121	136	148	155	162	168	182
0	54	67	94	101	117	139	157	176	185	194	209	227
1	56	71	101	110	127	151	175	197	208	222	240	262
2	57	74	106	115	135	164	190	215	227	242	263	287

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/40/2.1**Diameter: 13.8 (ID)****Nominal Flow Rate: 2.1 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	26	32	41	43	48	53	56	60	62	62	65	67
	10	30	37	48	51	57	64	70	74	76	78	81	84
-1	7.5	28	35	47	50	56	65	71	78	80	83	88	92
	10	32	40	54	57	65	75	84	92	95	98	104	111
0	7.5	30	38	53	57	66	78	89	99	104	109	118	127
	10	34	43	59	64	74	88	100	112	117	122	133	143
1	7.5	32	41	58	63	73	88	101	115	122	128	140	153
	10	36	46	65	70	82	97	113	127	134	142	155	168
2	7.5	33	43	62	67	79	96	112	128	136	143	158	173
	10	37	48	68	74	87	106	123	140	148	156	173	188

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	46	60	76	83	94	101	116	125	129	132	137	145
-1	48	60	81	87	101	123	126	141	152	162	173	183
0	52	66	91	100	113	134	152	176	189	202	203	218
1	55	70	99	107	126	151	174	196	207	218	239	259
2	57	74	105	114	134	161	187	211	227	242	272	301

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/40/3.9**Diameter: 13.8 (ID)****Nominal Flow Rate: 3.9 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	18	22	29	31	35	39	43	46	47	49	51	53
	10	21	26	35	38	42	49	53	58	60	62	66	69
-1	7.5	19	24	32	34	39	45	50	55	58	60	64	68
	10	22	28	38	41	46	54	61	67	70	72	77	82
0	7.5	20	25	35	38	44	52	59	66	69	72	78	84
	10	23	29	41	44	50	60	68	76	80	84	91	98
1	7.5	21	27	38	41	48	57	66	75	79	83	91	99
	10	24	31	43	46	54	65	75	84	89	94	103	111
2	7.5	22	28	40	43	51	62	72	82	86	91	101	109
	10	25	32	45	49	57	69	80	91	96	101	112	121

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	31	40	56	60	62	76	86	94	98	101	107	113
-1	33	41	60	64	74	80	91	106	111	115	124	132
0	34	43	61	67	80	96	109	113	119	124	137	152
1	38	45	64	69	81	101	120	136	143	150	165	165
2	38	50	67	72	85	102	121	141	152	160	177	192

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/40/10.5**Diameter: 13.8 (ID)****Nominal Flow Rate: 10.5 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	10	13	17	19	21	25	27	30	31	32	34	36
	10	11	14	20	21	24	28	31	34	36	37	40	42
-1	7.5	11	13	18	20	22	26	29	33	35	35	39	41
	10	12	15	20	22	25	30	33	37	38	40	43	46
0	7.5	11	14	19	21	24	28	32	36	38	39	42	46
	10	12	15	21	22	26	31	35	40	41	43	48	51
1	7.5	11	14	20	21	25	30	34	39	41	42	46	50
	10	12	15	22	23	27	33	37	42	44	46	50	55
2	7.5	11	14	20	22	26	31	36	41	43	45	50	54
	10	12	16	22	24	28	34	39	44	47	49	54	58

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	18	23	31	34	38	44	50	55	57	60	64	68
-1	18	23	32	34	41	47	53	58	62	64	69	74
0	19	24	33	35	41	49	56	62	65	68	74	80
1	19	24	34	36	42	51	58	65	69	72	79	85
2	19	25	35	37	44	53	61	68	72	75	83	89

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/45/1**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	38	44	53	54	58	61	64	65	65	66	67	68
	10	44	52	65	67	72	78	82	85	86	87	89	90
-1	7.5	43	52	68	71	79	88	95	101	104	106	110	113
	10	49	61	79	84	94	106	115	123	127	130	137	142
0	7.5	49	62	86	92	106	125	143	159	167	174	190	204
	10	55	69	95	103	119	140	160	179	187	196	212	228
1	7.5	54	70	100	108	128	154	179	204	216	228	252	275
	10	59	76	109	118	139	167	194	221	234	246	271	296
2	7.5	58	76	110	120	143	175	96	84	82	80	77	76
	10	63	82	119	129	154	187	219	251	266	140	121	114

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	70	85	107	114	122	135	146	153	155	160	165	169
-1	78	96	126	134	150	171	188	207	210	216	228	243
0	86	109	151	162	188	221	253	281	296	310	336	361
1	93	120	171	185	218	261	302	342	361	379	416	451
2	99	128	183	198	233	280	323	363	383	402	437	472

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/45/1.5**Diameter: 13.8 (ID)****Nominal Flow Rate: 1.5 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	31	37	47	49	54	59	62	65	67	67	69	71
	10	36	44	56	59	65	72	78	82	84	86	89	91
-1	7.5	34	42	55	59	66	75	83	90	92	95	100	105
	10	39	48	64	68	77	89	98	106	110	114	121	127
0	7.5	37	47	65	69	80	95	108	120	127	132	144	154
	10	42	53	73	78	90	107	122	137	143	150	162	175
1	7.5	39	51	72	77	91	110	127	144	152	160	176	192
	10	44	56	80	86	101	121	140	159	167	176	194	211
2	7.5	41	54	77	84	100	122	142	162	172	182	197	218
	10	46	59	85	93	109	133	155	176	187	197	218	238

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	53	60	91	100	101	126	121	141	152	162	181	152
-1	53	70	91	100	121	126	151	176	189	202	182	202
0	60	70	106	116	121	151	181	211	189	202	227	252
1	60	80	106	116	141	176	211	211	227	242	272	302
2	60	80	121	133	141	176	211	246	264	282	317	352

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/45/2**Diameter: 13.8 (ID)****Nominal Flow Rate: 2.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	28	34	44	47	51	56	61	64	65	66	69	72
	10	32	39	52	54	61	69	73	78	80	82	87	87
-1	7.5	30	37	50	54	61	69	76	82	88	90	96	97
	10	34	42	58	60	69	79	88	96	99	106	110	117
0	7.5	33	41	56	62	71	84	94	106	110	118	128	137
	10	36	45	64	68	79	94	106	117	125	130	141	152
1	7.5	34	44	62	68	79	96	109	124	133	138	155	167
	10	38	48	68	75	87	104	121	134	144	150	164	182
2	7.5	36	46	67	73	87	106	124	141	148	154	173	187
	10	39	51	73	80	93	114	133	152	159	166	182	202

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	48	60	76	83	97	101	118	127	133	138	137	147
-1	51	63	85	90	103	126	133	145	152	162	177	187
0	54	68	95	101	117	139	160	176	189	202	222	227
1	57	72	103	111	131	156	181	204	215	226	249	267
2	59	76	109	118	139	169	193	218	230	246	272	302

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 16/45/3.8**Diameter: 13.8 (ID)****Nominal Flow Rate: 3.8 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	19	23	30	32	36	41	44	48	50	50	53	55
	10	21	27	35	37	42	48	53	57	59	62	65	68
-1	7.5	20	25	33	36	40	47	52	57	60	62	67	70
	10	22	28	38	41	46	54	61	67	70	72	77	82
0	7.5	21	26	36	39	45	54	61	69	72	75	81	88
	10	23	29	41	44	51	60	68	76	80	84	92	98
1	7.5	22	28	39	42	50	59	68	77	82	86	95	102
	10	24	31	43	47	55	66	76	85	90	94	104	112
2	7.5	22	29	41	45	53	64	74	85	89	94	104	113
	10	25	32	45	49	58	70	81	92	98	102	113	123

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	34	42	56	60	68	77	86	94	98	101	106	112
-1	35	44	60	65	74	86	95	106	111	116	124	132
0	37	46	64	69	81	96	110	120	127	133	144	155
1	38	48	68	74	86	103	121	137	144	151	166	179
2	39	50	71	77	91	109	127	143	152	161	178	193

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 16/45/9.5

Diameter: 13.8 (ID)

Nominal Flow Rate: 9.5lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	11	13	18	19	22	25	28	31	32	33	35	37
	10	12	15	20	22	24	29	32	35	37	38	41	43
-1	7.5	11	14	19	20	23	27	31	34	35	37	40	42
	10	12	15	21	22	26	30	34	38	40	42	44	48
0	7.5	11	14	20	21	24	29	33	36	38	40	44	47
	10	12	16	22	23	27	32	37	41	43	45	49	52
1	7.5	11	14	20	22	26	31	35	39	41	43	48	51
	10	13	16	23	24	28	34	39	43	46	48	52	57
2	7.5	12	15	21	23	26	32	37	41	44	46	50	55
	10	13	16	23	25	29	35	40	46	48	50	55	60

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	20	26	35	40	46	55	62	67	70	74	79	85
-1	20	26	36	39	46	55	63	68	71	74	92	87
0	20	26	36	39	47	56	64	72	73	76	83	102
1	20	26	37	39	47	57	65	73	77	78	85	91
2	20	26	37	40	46	57	66	74	78	82	86	93

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/35/2.3**Diameter: 17.6 (ID)****Nominal Flow Rate: 2.3 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	37	43	53	55	59	64	67	69	71	71	73	74
	10	41	49	60	63	69	75	79	83	84	86	87	89
-1	7.5	41	50	65	68	76	86	94	100	103	106	111	115
	10	45	55	72	76	86	97	106	114	118	122	128	133
0	7.5	45	57	78	84	96	113	129	144	151	158	170	183
	10	49	62	85	91	105	124	140	156	164	171	185	200
1	7.5	49	63	88	95	112	134	155	176	186	196	215	235
	10	53	68	95	102	120	144	166	188	199	209	230	250
2	7.5	52	67	96	105	124	151	176	196	206	214	220	229
	10	56	72	103	111	132	160	186	212	225	237	247	259

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	66	80	101	106	115	129	136	145	148	150	155	162
-1	73	89	118	124	141	159	175	190	197	202	213	222
0	78	100	136	149	173	201	232	250	264	282	308	327
1	84	108	152	166	193	229	271	299	317	334	362	402
2	89	114	163	176	207	251	295	320	339	362	398	423

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/35/2.8

Diameter: 17.6 (ID)

Nominal Flow Rate: 2.8 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	33	40	49	52	56	61	64	67	68	69	70	72
	10	37	45	56	59	64	71	75	79	80	82	85	86
-1	7.5	37	45	59	62	70	79	86	93	96	98	104	108
	10	40	50	65	70	78	89	98	106	110	113	119	124
0	7.5	40	51	70	75	86	101	115	128	134	141	152	164
	10	44	55	76	81	94	110	125	139	146	153	166	178
1	7.5	43	56	78	84	98	118	137	155	163	172	189	205
	10	47	60	83	90	106	127	146	165	174	184	202	219
2	7.5	46	59	85	92	108	132	154	175	185	196	222	239
	10	49	63	90	98	116	140	163	185	196	206	229	252

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	59	71	91	98	105	121	130	138	140	142	150	152
-1	64	78	106	111	125	146	157	176	182	186	200	202
0	70	88	121	129	149	176	199	222	234	246	272	287
1	75	96	134	146	171	204	235	264	279	294	321	347
2	79	101	145	156	183	219	253	285	302	322	344	372

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/35/3.23**Diameter: 17.6 (ID)****Nominal Flow Rate: 3.23 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	31	37	46	48	52	58	61	64	65	66	68	70
	10	35	43	55	58	64	71	76	81	83	84	87	90
-1	7.5	33	41	54	57	64	73	80	87	89	92	97	101
	10	38	47	62	66	75	86	95	103	107	110	117	123
0	7.5	36	46	62	67	77	91	103	115	121	126	137	147
	10	41	51	71	76	87	103	117	130	137	142	155	166
1	7.5	39	49	69	75	87	105	121	137	144	152	167	181
	10	43	55	77	83	97	116	133	151	159	167	184	199
2	7.5	40	52	75	81	96	116	135	154	163	172	189	150
	10	45	58	82	89	105	127	147	167	177	187	205	225

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	54	65	86	88	101	114	121	131	133	138	141	147
-1	58	72	95	101	119	131	148	162	170	170	182	197
0	63	79	109	118	135	159	181	201	212	222	240	257
1	67	86	121	131	153	181	211	236	249	262	285	312
2	70	90	128	139	163	196	226	253	268	282	312	347

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/35/4.7**Diameter: 17.6 (ID)****Nominal Flow Rate: 4.7 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	25	30	38	41	45	50	54	57	59	60	62	64
	10	29	35	45	48	54	60	65	70	72	74	77	80
-1	7.5	27	33	44	47	52	60	67	72	75	78	82	87
	10	30	38	50	54	61	70	78	85	89	92	98	103
0	7.5	28	36	49	53	61	72	81	90	95	99	107	115
	10	32	40	55	59	68	81	92	102	107	112	122	131
1	7.5	30	38	53	58	67	80	92	104	110	115	126	138
	10	34	43	59	64	75	89	102	116	122	128	140	152
2	7.5	31	40	57	61	72	88	101	116	122	129	142	155
	10	35	44	63	68	80	96	112	127	134	141	155	169

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	45	53	71	77	83	96	103	113	114	118	123	132
-1	47	59	77	83	97	109	121	134	140	146	155	162
0	50	62	86	93	107	126	145	159	167	174	191	202
1	52	66	94	101	117	141	160	183	193	202	227	247
2	54	69	98	106	125	151	172	197	208	218	236	257

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/40/1.2**Diameter: 17.6 (ID)****Nominal Flow Rate: 1.2 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	93	121	175	190	226	274	122	114	112	110	108	107
	10	86	112	163	178	97	83	79	78	77	77	76	75
-1	7.5	86	111	157	170	200	242	281	319	338	355	392	427
	10	79	102	145	157	185	224	260	296	314	331	365	399
0	7.5	78	98	133	143	165	194	220	245	257	268	291	312
	10	69	87	119	128	147	173	196	218	229	239	259	279
1	7.5	67	81	103	108	119	131	141	149	152	155	161	165
	10	58	69	86	90	98	107	113	118	121	122	126	128
2	7.5	57	66	78	80	84	89	92	94	95	95	96	97
	10	48	54	61	63	65	68	69	70	71	70	71	71

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	144	186	263	284	331	394	451	503	528	553	599	641
-1	135	174	245	266	311	372	429	484	510	534	585	632
0	122	154	210	225	260	305	347	386	405	423	459	493
1	106	128	164	174	193	216	235	251	263	264	275	291
2	92	108	131	137	147	158	169	176	177	179	182	185

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/40/2.24

Diameter: 17.6 (ID)

Nominal Flow Rate: 2.24 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	36	42	51	53	57	61	64	66	67	68	69	70
	10	41	49	61	64	69	76	80	83	85	86	88	90
-1	7.5	40	49	64	67	75	84	91	97	100	102	107	111
	10	46	56	73	78	87	98	107	116	119	122	129	135
0	7.5	45	57	78	84	96	113	128	143	150	157	170	182
	10	50	63	86	93	107	126	143	159	167	174	189	203
1	7.5	49	63	88	95	112	135	156	177	187	197	216	236
	10	54	69	96	104	122	147	169	192	203	214	235	255
2	7.5	52	67	97	105	125	152	177	196	111	113	87	80
	10	57	73	105	114	134	163	190	217	230	242	137	127

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	65	80	101	103	117	126	136	141	148	150	155	162
-1	72	88	115	123	141	156	178	187	193	202	213	227
0	79	100	137	148	169	199	226	253	264	278	299	322
1	86	110	155	167	195	234	271	306	320	338	371	402
2	90	116	166	179	211	251	289	323	343	362	407	437

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/40/2.57**Diameter: 17.6 (ID)****Nominal Flow Rate: 2.57 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	33	40	49	51	55	59	62	64	65	66	68	69
	10	38	46	58	60	66	72	77	81	82	83	86	87
-1	7.5	37	45	59	62	70	79	86	92	95	98	102	106
	10	42	52	68	72	81	92	101	109	113	116	122	128
0	7.5	41	52	71	76	88	103	117	130	137	143	155	167
	10	46	58	79	85	98	115	131	146	152	159	173	186
1	7.5	44	57	80	86	101	121	140	159	169	178	194	212
	10	49	63	87	94	110	132	153	173	183	193	212	229
2	7.5	47	61	87	95	112	136	159	181	114	122	92	90
	10	51	66	95	103	121	147	171	194	206	218	239	152

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	60	73	92	100	111	121	130	138	144	146	150	157
-1	66	81	107	116	129	151	160	176	185	194	204	207
0	72	91	125	134	155	184	208	232	242	254	276	302
1	78	100	140	153	177	211	244	278	290	306	335	362
2	82	106	151	162	191	229	262	295	313	326	362	397

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/40/3.11**Diameter: 17.6 (ID)****Nominal Flow Rate: 3.11 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	31	37	47	49	53	58	62	65	66	67	69	70
	10	36	44	56	59	65	72	77	81	83	85	88	91
-1	7.5	34	42	55	58	66	74	82	88	91	94	99	103
	10	39	48	64	68	76	88	97	105	109	112	119	125
0	7.5	37	47	64	69	80	94	106	118	124	130	140	151
	10	42	53	72	78	90	106	120	134	140	146	159	171
1	7.5	40	51	71	77	90	108	124	141	149	157	173	187
	10	44	57	80	86	100	119	138	155	164	173	190	206
2	7.5	42	54	77	84	99	120	139	159	168	178	193	212
	10	46	60	85	92	108	131	152	173	183	193	212	232

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	55	67	89	93	101	116	121	131	137	138	146	152
-1	60	73	98	105	121	134	151	166	174	178	186	197
0	65	81	112	121	139	164	187	211	219	226	245	267
1	69	88	124	134	157	186	217	243	257	270	294	322
2	72	93	133	144	169	201	232	260	275	290	317	347

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/40/4.45**Diameter: 17.6 (ID)****Nominal Flow Rate: 4.45 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	24	29	37	39	42	47	50	53	54	55	58	59
	10	28	35	45	47	52	59	64	68	70	71	74	77
-1	7.5	26	32	42	45	51	58	64	69	72	74	78	82
	10	30	37	50	53	60	69	77	83	87	90	95	101
0	7.5	28	35	48	52	60	71	80	89	94	98	106	114
	10	32	40	55	59	68	81	92	102	107	112	122	131
1	7.5	30	38	53	57	67	80	92	104	110	115	127	138
	10	34	43	60	65	76	90	104	117	123	129	142	154
2	7.5	31	40	57	62	72	88	102	116	123	130	143	152
	10	35	45	63	69	81	98	113	128	136	143	158	172

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	45	54	73	77	82	97	106	113	117	121	126	131
-1	47	60	78	83	98	113	121	137	143	147	157	166
0	50	63	90	93	108	127	150	168	169	177	192	206
1	53	68	95	103	121	143	165	186	196	206	227	252
2	55	71	101	109	128	154	181	200	211	222	242	263

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/40/8**Diameter: 17.6 (ID)****Nominal Flow Rate: 8.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	18	22	28	30	33	38	41	44	46	47	50	51
	10	20	24	32	34	38	44	48	53	54	56	59	61
-1	7.5	19	23	31	33	37	43	48	53	55	57	60	64
	10	21	26	35	37	42	49	55	60	63	65	69	74
0	7.5	20	25	34	36	42	49	56	62	65	69	74	80
	10	22	27	38	40	46	55	62	69	73	76	83	89
1	7.5	20	26	36	39	46	54	62	70	74	78	86	92
	10	22	29	40	43	50	60	68	77	81	86	94	101
2	7.5	21	27	38	41	48	58	67	76	81	85	94	102
	10	23	30	42	45	53	64	73	83	88	93	102	110

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	32	40	53	56	62	72	80	86	89	93	98	103
-1	33	41	57	61	69	79	89	99	103	106	114	121
0	35	44	61	66	76	90	102	111	117	122	135	145
1	37	46	64	69	81	98	113	127	134	140	150	163
2	38	49	67	73	85	102	120	136	143	150	165	179

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

HYDROGOL

Durable multi season integral dripline

Dripline Type: HYDROGOL: 20/45/1.2

Diameter: 17.6 (ID)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	88	115	167	182	93	82	79	77	77	76	76	75
	10	95	124	179	195	231	282	119	113	110	109	107	106
-1	7.5	81	104	148	161	190	229	267	304	322	340	374	409
	10	88	114	161	175	205	248	287	327	346	365	401	437
0	7.5	71	89	122	130	150	176	200	223	234	244	265	284
	10	79	100	136	146	168	198	224	250	262	274	297	319
1	7.5	59	70	87	91	99	108	114	119	121	123	126	128
	10	68	82	104	109	120	133	142	150	154	157	162	166
2	7.5	48	54	62	63	65	68	69	70	70	70	71	71
	10	58	67	78	81	85	89	92	94	95	95	96	97

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	148	191	269	290	339	403	460	515	539	563	609	654
-1	139	178	251	272	318	381	439	495	521	547	597	646
0	125	157	214	230	265	311	354	394	413	432	468	503
1	107	130	167	176	195	218	241	253	264	271	278	293
2	94	110	135	138	148	159	169	176	178	179	182	186

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/45/2.2**Diameter: 17.6 (ID)****Nominal Flow Rate: 2.2 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	38	44	54	56	60	65	68	70	71	72	73	74
	10	44	53	66	69	75	82	86	90	92	94	95	98
-1	7.5	42	52	67	71	78	88	96	103	106	108	113	117
	10	49	60	78	83	93	105	115	124	128	132	139	145
0	7.5	47	59	81	87	100	118	134	149	157	164	177	191
	10	53	67	92	98	113	133	152	169	177	185	201	216
1	7.5	51	66	92	100	117	141	163	185	195	206	226	246
	10	57	73	102	110	129	155	179	203	214	225	248	269
2	7.5	54	70	101	110	130	158	184	206	213	225	248	269
	10	60	77	110	121	142	172	200	228	242	255	282	312

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	72	87	110	116	127	140	149	158	163	162	169	173
-1	79	97	128	136	153	174	193	209	216	223	236	246
0	85	108	147	158	183	215	245	273	287	300	325	350
1	91	116	162	175	205	245	282	318	335	352	385	417
2	95	122	172	187	218	262	302	342	360	378	414	452

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Dripline Type: HYDROGOL: 20/45/3**Diameter: 17.6 (ID)****Nominal Flow Rate: 3.0 lph****Working Pressure: 1.0 bar****Maximum Recommended Dripline Length (m)**

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	76	80	90	100
-2	7.5	32	38	47	50	54	59	62	65	67	67	69	71
	10	37	45	56	59	66	73	78	82	84	86	89	91
-1	7.5	35	43	56	59	66	75	83	89	92	95	100	104
	10	40	49	65	69	78	89	98	106	110	114	121	126
0	7.5	38	48	65	70	81	95	108	120	126	132	143	154
	10	43	54	74	79	91	107	122	136	143	149	162	174
1	7.5	41	52	73	78	92	110	127	144	152	160	176	191
	10	45	58	81	87	102	122	140	159	167	176	194	210
2	7.5	43	55	78	86	101	122	142	162	172	182	197	210
	10	47	61	86	94	110	134	155	176	187	197	217	237

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	60	73	94	99	110	123	134	141	145	148	154	163
-1	64	80	106	113	128	147	163	176	184	190	203	215
0	68	86	119	128	147	174	197	221	232	242	263	282
1	72	92	129	139	162	194	223	251	265	278	304	330
2	75	96	136	147	172	206	238	270	284	298	318	351

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)