

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/25/0.7

Diameter: 10.4 (ID)

Nominal Flow Rate: 0.75 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	75	80	90	100
-2	7.5	29	36	45	47	51	56	59	62	63	64	66	67
	10	34	42	54	57	63	70	76	80	82	84	86	89
-1	7.5	32	40	53	56	64	73	80	86	89	92	96	101
	10	37	46	62	66	75	86	95	104	108	111	118	124
0	7.5	35	45	62	67	78	92	105	118	124	130	140	152
	10	40	50	70	76	88	104	119	133	140	146	159	172
1	7.5	38	49	70	76	89	108	125	143	151	159	176	191
	10	42	54	77	84	98	119	138	156	166	174	192	209
2	7.5	40	52	75	82	98	120	140	160	170	180	200	104
	10	44	57	83	90	106	130	152	174	184	194	215	235

* 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	54	66	86	91	101	114	124	132	137	140	146	151
-1	58	72	97	104	118	136	151	165	172	178	189	199
	63	80	111	120	139	165	189	211	222	233	253	272
1	67	86	123	133	157	189	220	249	263	277	303	330
2	70	91	131	142	168	203	236	267	281	296	324	402

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/35/0.7

Diameter: 10.4 (ID)

Nominal Flow Rate: 0.7 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	75	80	90	100
-2	7.5	30	37	46	49	53	58	61	64	65	66	68	70
	10	35	43	56	59	65	73	78	83	85	86	89	92
-1	7.5	33	41	55	58	66	75	82	89	92	94	100	104
	10	38	47	64	68	77	89	98	107	111	115	122	128
0	7.5	36	46	64	69	80	95	108	121	128	134	145	156
	10	41	52	72	78	90	107	122	137	144	150	164	176
1	7.5	39	50	71	78	92	111	129	146	155	163	180	196
	10	43	55	79	86	101	122	142	161	170	179	197	215
2	7.5	41	53	77	85	100	123	144	165	175	186	205	109
	10	45	59	85	92	110	133	156	179	189	200	221	241

* 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	55	68	88	93	104	117	127	136	140	143	149	155
-1	59	74	100	106	121	139	155	169	176	182	194	204
0	64	82	114	123	143	169	194	217	228	238	259	279
1	68	88	126	137	161	194	225	255	269	284	311	338
2	71	93	134	146	172	208	241	273	289	303	332	360

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/40/0.7

Diameter: 10.4 (ID)

Nominal Flow Rate: 0.65 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	75	80	90	100
-2	7.5	32	39	48	51	55	60	64	67	68	69	70	71
	10	38	46	59	62	68	76	82	86	88	90	93	95
-1	7.5	35	44	58	61	69	79	86	93	96	99	104	109
	10	40	50	68	72	82	94	104	113	117	121	128	134
0	7.5	39	49	68	74	85	101	116	130	136	142	155	166
	10	43	55	77	83	96	114	131	146	154	161	175	188
1	7.5	41	54	77	83	98	119	139	158	167	176	194	211
	10	46	59	85	92	108	131	152	173	182	193	212	231
2	7.5	44	57	83	91	108	132	155	178	189	200	221	222
	10	48	63	91	99	118	144	168	192	203	215	238	260

* 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	59	72	93	98	109	122	133	141	146	149	155	161
-1	63	79	106	113	128	147	164	179	185	191	203	214
0	68	87	122	131	152	181	206	231	243	254	276	298
1	73	95	135	147	172	208	241	273	289	304	334	362
2	77	100	144	156	184	223	259	293	309	325	356	385

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/25/1

Diameter: 10.4 (ID)

Nominal Flow Rate: 0.99 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	75	80	90	100
-2	7.5	26	32	41	44	48	54	58	62	63	64	67	69
	10	30	37	49	52	58	66	72	77	80	82	86	88
-1	7.5	28	35	47	50	57	66	73	79	83	85	90	95
	10	32	40	54	58	66	77	86	95	98	102	109	115
0	7.5	30	38	53	57	66	79	90	101	106	111	121	130
	10	34	43	60	65	75	89	102	114	120	126	137	147
1	7.5	32	41	58	63	74	90	104	118	125	132	145	158
	10	35	46	65	70	82	99	115	130	138	145	159	173
2	7.5	33	43	62	68	80	98	115	131	140	147	163	178
	10	37	48	68	75	88	107	125	143	152	160	176	193

* 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	47	58	77	82	92	104	114	123	127	130	138	144
-1	50	63	85	91	104	120	134	147	153	159	170	180
0	53	68	94	102	118	140	160	180	189	198	215	232
1	56	72	103	111	131	157	182	207	218	230	252	274
2	58	76	109	118	139	169	196	222	235	247	271	294

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

Updated – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/35/1

Dripline Diameter: 10.4 (ID)

Nominal Flow Rate: 0.93 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	75	80	90	100
-2	7.5	26	32	41	44	48	54	58	61	62	63	66	67
	10	31	38	50	53	58	66	72	76	79	81	85	87
-1	7.5	28	36	48	51	58	66	73	80	83	86	90	95
	10	32	41	55	59	67	78	87	95	99	102	109	115
0	7.5	31	39	54	58	68	81	92	103	108	113	123	132
	10	34	44	61	66	76	91	104	116	122	128	140	150
1	7.5	32	42	60	65	76	92	107	121	128	135	149	162
	10	36	47	66	72	84	102	118	134	141	149	164	178
2	7.5	34	44	64	70	83	101	118	135	143	152	167	184
	10	38	49	70	77	90	110	128	147	155	164	182	198

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	48	59	78	83	92	105	115	124	128	131	138	144
-1	51	64	86	92	105	122	136	149	155	161	172	182
0	54	69	96	104	121	143	164	183	193	202	220	237
1	57	74	105	114	134	162	187	212	224	236	259	281
2	60	78	112	121	143	173	201	228	241	254	278	302

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

Updated – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/40/1

Dripline Diameter: 10.4 (ID)

Nominal Flow Rate: 0.88 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	75	80	90	100
-2	7.5	27	33	42	44	48	54	58	60	62	63	65	67
	10	31	38	50	53	59	66	72	76	79	81	84	87
-1	7.5	29	36	48	52	58	67	74	80	83	86	91	95
	10	33	41	56	60	68	79	88	96	100	103	110	116
0	7.5	31	40	55	59	69	82	94	104	110	115	125	135
	10	35	45	62	67	78	93	106	118	125	130	141	153
1	7.5	33	43	61	66	78	94	109	124	131	138	152	166
	10	37	47	68	73	86	104	121	137	144	152	167	182
2	7.5	35	45	65	71	85	104	121	139	147	155	172	188
	10	38	50	72	78	93	113	132	151	160	168	186	203

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	49	60	79	84	93	106	116	125	128	132	139	144
-1	52	65	88	94	107	123	138	151	157	163	174	184
0	55	71	98	106	123	146	167	187	197	206	224	241
1	59	76	108	117	137	165	192	217	230	242	266	288
2	61	79	114	124	147	177	206	233	247	259	284	309

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/25/2

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	75	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.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	29	36	49	53	60	69	77	84	88	90	96	102
-1	30	38	52	56	64	76	85	95	98	102	111	118
0	31	40	56	60	70	83	95	106	112	117	127	137
1	32	41	59	63	74	90	103	117	123	130	142	154
2	33	43	61	66	78	95	110	125	131	138	152	165

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/35/2

Diameter: 10.4 (ID)

Nominal Flow Rate: 2.16 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	75	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 Dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	29	37	49	53	60	69	77	85	88	91	97	102
-1	30	38	53	56	65	76	86	95	99	103	111	118
0	31	40	56	60	70	84	95	107	113	118	129	138
1	32	42	59	64	75	91	104	118	125	131	143	156
2	33	43	62	67	79	96	111	126	133	140	154	167

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/40/2

Dripline Diameter: 10.4 (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	75	80	90	100
-2	7.5	17	21	28	29	33	38	41	45	47	48	50	53
	10	19	24	32	34	39	45	50	55	56	58	62	65
-1	7.5	17	22	30	32	37	43	48	53	55	57	61	65
	10	20	25	34	37	42	50	56	62	65	67	72	77
0	7.5	18	23	32	35	40	48	55	62	65	67	74	79
	10	20	26	36	39	46	54	62	69	73	77	83	90
1	7.5	19	24	34	37	44	52	61	69	72	76	84	91
	10	21	27	38	41	48	58	67	76	80	84	93	100
2	7.5	19	25	36	39	46	56	65	74	79	83	92	100
	10	22	28	40	43	51	62	71	81	86	91	100	109

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	30	37	50	54	61	71	79	85	89	92	98	103
-1	31	39	53	57	66	77	87	97	101	105	113	120
0	32	41	57	62	72	86	98	109	115	121	131	141
1	33	43	61	66	77	93	107	121	128	134	147	159
2	34	44	63	69	81	98	114	129	137	144	158	172

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/25/3

Diameter: 10.4 (ID)

Nominal Flow Rate: 2.92 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	75	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 Dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	24	30	41	44	50	59	65	72	75	78	84	88
-1	25	31	43	46	54	63	71	79	83	86	93	99
0	25	32	45	49	57	68	77	87	92	96	104	112
1	26	34	47	52	60	72	83	94	99	104	114	124
2	27	35	49	54	63	76	88	99	105	110	122	132

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/35/3

Diameter: 10.4 (ID)

Nominal Flow Rate: 2.92 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	75	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 Dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	24	30	41	44	50	59	65	72	75	78	83	88
-1	25	31	43	47	54	63	71	79	83	86	93	99
0	26	33	46	49	58	68	78	88	92	97	104	113
1	26	34	48	52	61	73	84	95	101	106	115	125
2	27	35	50	54	64	77	89	101	107	112	123	134

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 12/40/3

Diameter: 10.4 (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	75	80	90	100
-2	7.5	14	17	23	25	28	33	36	39	41	42	44	47
	10	16	20	27	29	33	38	43	47	49	50	54	57
-1	7.5	14	18	25	26	30	36	40	44	47	48	52	55
	10	16	20	28	30	35	41	46	52	54	56	60	65
0	7.5	15	19	26	28	33	39	45	50	53	55	60	65
	10	17	21	30	32	37	44	50	57	60	62	68	73
1	7.5	15	20	28	30	35	42	49	55	58	61	67	73
	10	17	22	31	33	39	47	54	61	65	68	75	81
2	7.5	16	20	29	31	37	45	52	59	62	66	73	79
	10	17	22	32	35	41	50	58	65	69	73	79	87

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	25	31	42	45	51	60	67	73	76	79	85	89
-1	25	32	44	48	55	64	73	81	84	88	95	101
0	26	33	47	51	59	70	80	90	94	98	107	115
1	27	35	49	53	62	75	86	97	103	108	118	128
2	28	36	51	55	65	79	91	103	109	114	126	137

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/25/1

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.22 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	75	80	90	100
-2	7.5	35	41	51	54	58	63	66	69	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 Dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

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)

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/30/1

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	75	80	90	100
-2	7.5	37	44	53	55	59	64	66	68	69	70	71	72
	10	44	53	66	69	75	82	86	90	92	94	95	97
-1	7.5	42	51	67	71	78	88	96	102	105	108	113	116
	10	49	60	79	84	94	106	117	126	130	134	140	147
0	7.5	47	60	82	88	102	121	137	153	161	169	183	197
	10	53	67	93	100	116	137	155	174	182	190	207	223
1	7.5	52	66	95	103	121	146	170	193	205	216	238	259
	10	57	74	104	113	133	160	186	211	223	235	258	282
2	7.5	55	72	104	114	135	165	193	205	96	92	87	85
	10	60	79	113	123	146	178	208	237	251	266	293	147

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	69	84	106	111	122	135	145	153	156	159	165	169
-1	76	94	124	132	148	169	186	202	209	215	228	238
0	84	107	147	158	183	216	247	275	289	302	329	353
1	91	117	166	181	212	255	295	333	351	370	405	439
2	96	125	178	193	227	273	314	354	414	392	427	460

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/35/1

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.06 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	75	80	90	100
-2	7.5	39	46	56	58	62	67	70	72	73	74	75	76
	10	46	55	69	72	78	86	91	95	97	98	101	103
-1	7.5	44	53	69	73	82	92	100	107	110	113	118	122
	10	50	62	82	87	98	111	122	131	136	139	147	153
0	7.5	49	62	85	91	106	125	142	158	167	174	189	203
	10	55	70	96	103	120	141	161	179	188	197	214	230
1	7.5	53	68	98	106	124	150	175	199	210	222	245	266
	10	59	76	108	117	137	165	191	217	230	242	266	290
2	7.5	57	74	107	117	139	169	198	227	107	100	94	91
	10	62	81	117	127	150	183	214	244	259	273	302	173

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	71	86	109	115	126	140	150	158	162	165	171	176
-1	78	97	128	136	153	174	192	208	215	222	235	246
0	87	110	151	163	188	222	253	283	297	311	338	363
1	94	121	171	185	217	261	302	342	360	379	415	450
2	99	128	183	198	233	280	323	363	383	442	438	473

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/40/1

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.01 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	75	80	90	100
-2	7.5	40	47	57	59	63	68	70	72	74	74	75	76
	10	47	56	71	74	80	87	92	96	98	99	102	103
-1	7.5	45	55	71	75	84	94	102	109	112	114	120	124
	10	52	64	84	89	100	114	125	134	139	142	150	156
0	7.5	51	64	88	95	110	130	148	165	173	181	196	211
	10	57	72	100	107	124	146	167	186	196	205	222	239
1	7.5	55	71	102	110	130	157	182	208	220	232	256	279
	10	61	79	112	121	143	172	200	227	240	253	278	303
2	7.5	59	77	112	122	145	177	208	240	260	286	316	351
	10	65	84	122	133	157	191	223	255	271	286	316	351

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	74	89	112	118	129	142	152	161	164	167	173	178
-1	81	100	131	140	157	179	197	214	221	228	240	252
0	90	114	157	169	196	231	263	294	308	322	350	377
1	97	126	178	193	226	272	314	356	376	394	432	469
2	103	133	191	207	242	291	336	378	398	418	455	491

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/45/1

Diameter: 13.8 (ID)

Nominal Flow Rate: 0.98 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	75	80	90	100
-2	7.5	40	47	56	59	63	67	70	71	72	73	74	75
	10	47	56	70	73	80	87	91	95	97	98	100	102
-1	7.5	45	55	71	76	84	94	102	109	111	114	119	123
	10	52	64	84	89	100	114	125	134	138	142	149	156
0	7.5	51	64	89	95	110	130	148	165	174	182	197	212
	10	58	73	100	108	125	147	168	188	197	206	223	240
1	7.5	56	72	103	111	131	159	185	210	222	234	258	282
	10	62	80	113	123	144	174	202	229	242	255	281	306
2	7.5	60	78	113	123	146	179	210	210	96	93	89	87
	10	65	85	123	134	159	193	226	258	274	289	320	143

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	74	89	112	118	129	142	152	160	164	167	172	177
-1	82	100	132	140	158	180	198	214	221	228	240	252
0	91	115	158	170	197	233	265	296	311	325	353	380
1	98	127	180	195	228	275	318	360	380	399	437	474
2	104	135	193	209	245	294	338	421	401	422	459	495

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

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	75	80	90	100
-2	7.5	29	35	44	47	51	57	61	64	65	66	68	70
	10	34	41	53	56	62	70	76	81	83	85	88	92
-1	7.5	31	39	51	55	62	71	78	85	87	90	95	100
	10	36	44	59	64	72	83	92	101	105	109	115	122
0	7.5	34	43	59	63	73	86	98	110	116	121	131	141
	10	38	48	66	71	83	98	112	125	131	137	149	160
1	7.5	36	46	65	70	82	99	115	130	137	145	159	173
	10	40	51	72	78	91	110	127	144	152	159	175	190
2	7.5	37	49	70	76	90	109	127	146	154	162	180	196
	10	41	54	77	83	98	119	139	158	167	176	194	212

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	52	64	83	88	98	111	121	130	134	138	144	150
-1	56	69	93	99	112	130	144	158	164	170	181	191
0	60	76	104	112	130	154	175	195	206	215	233	251
1	63	81	114	124	145	174	201	227	240	252	276	299
2	66	85	121	132	155	186	216	244	257	270	296	321

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/30/1.6

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.85 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	75	80	90	100
-2	7.5	29	35	44	46	50	56	59	62	64	65	67	68
	10	33	41	53	56	62	69	74	79	82	83	86	89
-1	7.5	31	39	51	55	61	70	77	83	86	89	95	99
	10	36	44	59	63	72	83	92	100	104	107	114	120
0	7.5	34	43	59	63	73	87	98	110	116	121	131	141
	10	38	48	67	72	83	98	112	125	131	137	149	160
1	7.5	36	46	65	71	83	100	116	132	139	146	161	175
	10	40	51	73	79	92	111	128	144	152	161	176	192
2	7.5	38	49	71	77	91	110	129	147	156	165	182	199
	10	42	54	77	84	99	120	140	160	169	178	196	214

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	52	64	83	88	98	110	120	129	133	136	143	148
-1	56	70	93	99	112	130	144	158	164	170	181	191
0	60	76	105	113	131	155	176	197	207	216	235	253
1	64	82	116	125	146	176	203	230	242	254	279	302
2	66	86	123	133	156	189	218	246	260	274	300	324

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/35/1.6

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.78 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	75	80	90	100
-2	7.5	29	35	45	47	51	57	60	63	65	66	68	69
	10	34	42	54	57	63	70	76	81	83	84	87	90
-1	7.5	32	39	52	55	62	71	79	85	88	90	95	100
	10	37	45	61	65	74	84	94	102	106	110	116	122
0	7.5	35	44	60	65	75	89	101	113	119	124	135	145
	10	39	49	68	74	85	101	115	128	134	141	153	164
1	7.5	37	47	67	73	86	103	119	135	143	150	166	180
	10	41	53	75	81	95	114	131	149	158	166	182	197
2	7.5	39	50	73	79	94	114	133	152	161	170	188	205
	10	43	56	80	87	102	124	145	165	174	184	203	221

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	53	65	85	89	100	112	122	131	135	138	145	150
-1	57	71	95	101	115	132	147	161	167	173	185	194
0	62	78	108	116	134	159	181	202	212	222	241	259
1	65	84	119	129	151	181	209	236	250	262	287	311
2	68	88	126	137	161	194	224	253	268	282	308	333

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

UPDATED – 16.11.2007

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	75	80	90	100
-2	7.5	31	37	47	49	54	59	62	65	67	67	69	71
	10	36	44	57	60	66	74	79	84	86	88	91	93
-1	7.5	34	42	56	59	66	76	83	90	92	95	100	105
	10	39	49	65	69	78	90	99	108	112	116	122	129
0	7.5	37	47	65	70	81	95	109	121	128	134	145	155
	10	42	53	73	79	91	108	123	137	144	151	164	176
1	7.5	40	51	73	79	92	111	129	146	155	163	179	195
	10	44	57	80	87	102	123	142	161	170	179	196	213
2	7.5	42	55	79	86	102	123	144	165	175	185	204	223
	10	46	60	86	94	111	134	157	179	189	199	220	240

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	57	69	89	95	105	118	128	137	140	144	150	156
-1	61	76	101	108	122	140	156	170	176	182	194	205
0	66	84	116	124	144	170	194	217	227	238	258	278
1	70	90	128	139	162	195	226	255	269	283	310	336
2	74	95	136	148	174	209	242	273	288	303	331	359

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/45/1.6

Diameter: 13.8 (ID)

Nominal Flow Rate: 1.52 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	75	80	90	100
-2	7.5	32	39	48	51	55	60	64	67	68	69	71	72
	10	38	46	59	62	68	76	82	86	88	90	93	95
-1	7.5	35	44	58	61	68	78	86	92	95	98	104	108
	10	41	50	67	72	81	93	103	111	116	119	126	133
0	7.5	39	49	68	73	84	99	113	126	132	138	150	162
	10	44	55	76	82	95	112	128	143	150	157	170	183
1	7.5	41	53	76	82	96	116	134	153	161	170	187	204
	10	46	59	84	91	106	128	148	168	177	186	205	223
2	7.5	44	57	82	89	106	129	151	172	182	193	213	114
	10	48	63	90	98	116	140	163	186	197	208	230	251

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	59	72	92	97	108	121	131	140	144	148	154	160
-1	63	79	105	112	126	145	161	176	182	188	200	211
0	69	87	120	129	150	177	202	225	236	247	268	289
1	73	94	133	144	169	203	235	265	280	294	323	350
2	77	99	142	154	181	218	252	284	300	315	345	373

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/25/2

Diameter: 13.8 (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	75	80	90	100
-2	7.5	26	31	40	42	47	52	56	59	60	62	64	65
	10	30	37	48	51	56	64	69	74	76	78	82	84
-1	7.5	28	34	46	49	55	63	70	76	79	82	86	91
	10	32	40	53	57	64	75	83	91	95	98	104	110
0	7.5	30	38	52	56	65	77	87	97	102	107	116	125
	10	34	42	59	63	73	87	98	110	116	121	131	141
1	7.5	31	40	57	62	72	87	101	114	121	127	140	152
	10	35	45	63	69	80	97	112	126	133	140	154	167
2	7.5	33	43	61	67	79	96	112	127	135	142	157	171
	10	37	47	68	73	86	104	121	138	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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	47	57	75	80	89	101	110	119	123	126	133	139
-1	50	62	83	89	101	117	130	143	149	154	164	174
0	53	67	93	100	116	137	156	174	183	191	208	223
1	56	72	101	109	128	154	178	200	212	222	243	264
2	58	75	107	116	137	165	191	216	227	239	262	284

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/30/2

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	75	80	90	100
-2	7.5	26	32	41	43	47	53	56	60	61	62	64	66
	10	31	37	49	52	57	65	70	75	77	79	83	85
-1	7.5	28	35	47	50	56	64	71	78	80	83	87	92
	10	32	40	54	58	66	76	85	92	96	99	105	112
0	7.5	30	38	53	57	66	78	89	99	104	109	118	127
	10	34	43	60	64	74	88	100	112	118	123	134	144
1	7.5	32	41	58	63	74	89	103	117	123	130	142	155
	10	36	46	65	70	82	99	114	129	136	142	157	170
2	7.5	34	44	62	68	80	98	114	130	137	146	160	175
	10	37	48	69	75	88	107	124	141	149	158	174	189

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	48	58	76	81	90	103	112	120	125	128	134	140
-1	50	63	85	90	103	119	133	145	151	156	167	176
0	54	68	95	102	118	139	158	177	186	194	212	227
1	57	73	103	112	130	157	181	204	215	226	248	269
2	59	77	109	119	139	168	194	220	232	244	267	290

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/35/2

Diameter: 13.8 (ID)

Nominal Flow Rate: 2.19 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	75	80	90	100
-2	7.5	26	31	40	42	46	51	55	58	59	61	62	64
	10	30	37	48	51	56	63	68	73	75	77	80	83
-1	7.5	28	34	46	49	55	63	70	76	79	81	86	90
	10	32	40	53	57	64	74	83	90	94	98	104	109
0	7.5	30	38	52	56	65	77	88	98	103	107	116	125
	10	34	43	59	63	74	87	99	111	116	122	132	142
1	7.5	32	41	58	62	73	88	102	116	122	128	141	153
	10	35	45	64	69	81	97	112	127	134	141	155	168
2	7.5	33	43	62	67	80	97	113	129	137	144	158	173
	10	37	48	68	74	87	105	122	139	148	156	172	187

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	47	58	75	80	89	101	110	118	122	126	132	138
-1	50	62	83	89	101	117	131	143	149	154	164	174
0	53	68	93	101	116	138	157	175	184	193	209	225
1	56	72	102	110	129	155	179	202	214	224	246	267
2	59	76	108	118	138	166	193	218	230	242	265	287

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/40/2

Diameter: 13.8 (ID)

Nominal Flow Rate: 2.06 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	75	80	90	100
-2	7.5	27	33	42	44	49	54	58	61	62	64	66	68
	10	32	39	50	53	59	67	73	77	80	82	85	88
-1	7.5	29	36	48	52	58	67	74	80	83	86	91	95
	10	34	42	56	60	68	79	88	95	99	102	109	115
0	7.5	32	40	55	59	69	81	92	104	109	114	123	132
	10	36	45	62	67	78	92	105	117	123	129	140	150
1	7.5	34	43	61	66	77	93	107	122	129	136	149	162
	10	37	48	68	73	86	103	119	134	142	150	164	178
2	7.5	35	46	65	71	84	102	119	136	144	152	168	183
	10	39	50	72	78	92	112	130	148	156	165	182	198

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	49	61	79	84	94	106	116	124	128	132	139	144
-1	53	65	88	94	106	123	137	150	156	162	172	182
0	56	71	98	106	122	145	165	184	194	202	220	237
1	59	76	107	116	136	163	189	213	225	237	259	281
2	62	80	114	124	146	175	203	230	242	254	279	302

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

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	75	80	90	100
-2	7.5	28	34	44	46	51	57	61	64	65	67	69	71
	10	33	40	53	55	62	70	76	81	83	85	89	92
-1	7.5	30	38	50	54	60	69	77	83	86	89	95	99
	10	35	43	58	62	71	82	91	99	104	107	114	120
0	7.5	33	41	57	61	71	84	95	107	113	118	128	137
	10	37	47	65	69	80	95	109	121	127	133	144	155
1	7.5	35	44	63	68	80	96	111	126	133	140	154	167
	10	39	50	70	76	88	106	122	139	146	154	169	183
2	7.5	36	47	68	73	87	105	123	140	149	157	173	189
	10	40	52	74	81	95	115	134	152	161	170	187	204

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	51	62	81	86	96	109	119	128	132	136	143	149
-1	54	67	90	96	110	127	141	155	161	166	177	188
0	58	73	101	109	126	149	170	190	200	209	227	244
1	61	78	110	120	140	168	194	219	231	243	266	289
2	64	82	117	127	149	180	208	235	248	262	286	310

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/25/4

Diameter: 13.8 (ID)

Nominal Flow Rate: 4.39 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	75	80	90	100
-2	7.5	18	22	29	30	34	39	43	46	47	49	51	54
	10	20	25	33	36	40	46	51	56	58	60	63	66
-1	7.5	18	23	31	33	38	44	49	54	56	58	63	66
	10	21	26	36	38	44	51	58	63	66	69	74	78
0	7.5	19	24	34	36	42	50	56	63	66	70	76	81
	10	22	27	38	41	48	56	64	71	75	78	86	92
1	7.5	20	25	36	39	45	54	62	71	74	78	86	93
	10	22	29	40	43	50	61	70	78	83	87	95	103
2	7.5	21	27	38	41	48	58	68	77	81	86	95	103
	10	23	29	42	45	53	64	74	84	89	94	104	112

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	31	39	52	56	63	73	80	88	91	94	100	105
-1	33	41	56	60	68	80	90	99	104	107	115	123
0	34	43	60	65	75	89	101	113	119	124	135	145
1	35	45	64	69	80	96	111	125	132	138	151	164
2	36	47	67	72	85	102	118	133	141	148	163	176

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/30/4

Diameter: 13.8 (ID)

Nominal Flow Rate: 4.25 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	75	80	90	100
-2	7.5	18	22	29	31	34	39	43	46	48	49	51	54
	10	20	25	34	36	41	47	52	56	58	60	63	67
-1	7.5	19	23	32	34	38	45	50	55	57	59	63	67
	10	21	27	36	39	44	52	58	64	67	70	75	79
0	7.5	20	25	34	37	43	51	58	64	68	70	77	82
	10	22	28	39	42	48	57	65	73	77	80	86	93
1	7.5	20	26	37	40	46	56	64	72	76	80	87	95
	10	23	29	41	44	52	62	71	80	84	89	97	105
2	7.5	21	27	38	42	49	60	69	78	83	87	96	105
	10	23	30	43	46	54	66	76	86	91	96	105	115

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	32	40	53	56	64	73	82	89	92	95	101	106
-1	33	42	57	61	70	81	91	100	105	109	117	124
0	35	44	61	66	76	90	103	115	121	126	137	147
1	36	46	65	70	82	98	113	127	134	141	155	167
2	37	48	68	74	86	104	121	137	144	151	166	180

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/35/4

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	75	80	90	100
-2	7.5	18	22	29	31	35	40	44	47	48	50	52	54
	10	21	26	35	37	42	48	52	57	59	61	64	67
-1	7.5	19	24	32	34	39	46	51	56	58	60	64	68
	10	22	27	37	40	45	53	59	65	68	70	76	80
0	7.5	20	25	35	38	44	52	59	66	69	72	78	84
	10	23	29	40	43	49	58	67	74	78	82	88	95
1	7.5	21	27	38	41	47	57	65	74	78	82	90	97
	10	23	30	42	45	53	63	73	82	86	91	99	108
2	7.5	22	28	40	43	50	61	71	81	86	90	99	108
	10	24	31	44	47	56	67	78	88	93	98	108	118

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	33	41	54	57	65	75	83	90	94	97	103	108
-1	34	43	58	62	71	83	93	102	107	111	119	127
0	35	45	62	67	78	92	105	118	123	129	140	151
1	37	47	66	72	84	101	116	131	138	145	158	171
2	38	49	70	75	88	107	124	139	148	155	170	185

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/40/4

Diameter: 13.8 (ID)

Nominal Flow Rate: 3.92 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	75	80	90	100
-2	7.5	19	23	31	32	36	41	45	49	50	52	54	56
	10	22	27	36	38	43	49	55	59	62	63	67	70
-1	7.5	20	25	33	36	41	47	53	58	60	62	67	71
	10	23	28	38	41	47	55	62	68	71	74	79	84
0	7.5	21	26	36	39	45	54	61	69	72	75	82	88
	10	23	30	41	44	51	61	69	78	81	85	93	99
1	7.5	22	28	39	42	49	59	68	77	81	86	94	102
	10	24	31	44	47	55	66	76	85	90	94	104	112
2	7.5	22	29	41	45	52	64	74	84	89	94	104	112
	10	25	32	46	50	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 Dripline.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	33	41	54	57	65	75	83	90	94	97	103	108
-1	34	43	58	62	71	83	93	102	107	111	119	127
0	35	45	62	67	78	92	105	118	123	129	140	151
1	37	47	66	72	84	101	116	131	138	145	158	171
2	38	49	70	75	88	107	124	139	148	155	170	185

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/45/4

Diameter: 13.8 (ID)

Nominal Flow Rate: 3.78 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	75	80	90	100
-2	7.5	20	24	32	34	38	43	47	50	53	54	57	59
	10	23	28	37	40	45	52	57	62	64	66	69	73
-1	7.5	21	26	35	37	42	49	55	60	63	65	69	74
	10	23	29	40	43	49	57	64	71	74	77	82	87
0	7.5	22	27	38	41	47	56	64	71	74	78	85	91
	10	24	31	43	46	53	63	72	81	84	88	96	103
1	7.5	22	29	41	44	51	61	71	80	84	89	97	105
	10	25	32	45	49	57	68	79	88	94	98	107	116
2	7.5	23	30	43	46	54	66	76	87	92	97	107	116
	10	26	33	47	51	60	73	84	95	101	106	117	127

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	35	43	58	61	70	80	88	97	100	103	110	115
-1	37	46	62	66	76	89	100	109	114	118	128	135
0	38	48	67	72	84	99	113	126	132	138	150	162
1	40	51	71	77	90	108	124	140	148	155	170	184
2	41	53	75	81	95	114	133	150	158	166	182	198

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/35/8

Diameter: 13.8 (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	75	80	90	100
-2	7.5	12	15	21	22	25	29	32	35	37	38	40	42
	10	14	18	24	25	29	34	38	41	44	45	48	51
-1	7.5	13	16	22	23	27	32	35	39	41	42	46	49
	10	14	18	25	27	31	36	41	46	47	50	53	57
0	7.5	13	17	23	25	29	34	39	43	46	48	52	56
	10	15	19	26	28	32	39	44	49	52	54	59	63
1	7.5	14	17	24	26	30	37	42	47	50	52	57	62
	10	15	19	27	29	34	41	47	53	56	58	64	69
2	7.5	14	18	25	27	32	39	44	50	53	56	61	67
	10	16	20	28	30	36	43	49	55	59	62	68	74

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	22	28	37	40	46	53	59	65	68	70	75	80
-1	23	29	39	42	48	57	64	71	74	77	83	89
0	23	30	41	44	51	61	70	78	82	86	93	100
1	24	31	43	46	54	65	74	83	89	93	101	109
2	25	31	44	48	56	68	78	88	93	98	107	117

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

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 16/45/8

Diameter: 13.8 (ID)

Nominal Flow Rate: 7.93lph

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	75	80	90	100
-2	7.5	12	15	20	22	25	29	32	35	36	38	40	42
	10	14	17	24	25	29	34	37	41	43	44	48	50
-1	7.5	13	16	22	23	26	31	35	39	41	42	45	48
	10	14	18	25	26	30	36	40	45	47	49	52	56
0	7.5	13	16	23	24	28	34	38	43	45	47	51	55
	10	15	19	26	28	32	38	44	48	51	54	59	62
1	7.5	13	17	24	26	30	36	41	47	50	52	57	61
	10	15	19	27	29	34	40	46	52	55	58	63	68
2	7.5	14	18	25	27	32	38	44	50	53	55	60	66
	10	15	20	28	30	35	42	49	55	58	61	67	73

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	22	27	37	40	45	52	59	64	67	70	75	79
-1	22	28	39	42	48	56	63	70	74	76	82	88
0	23	29	41	44	51	60	68	77	80	84	92	99
1	24	30	42	46	54	64	73	83	87	91	100	108
2	24	31	44	48	56	67	77	88	92	97	106	115

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

Updated: 16.11.2007

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	75	80	90	100
-2	7.5	48	54	61	63	65	68	69	70	71	70	71	71
	10	57	66	78	80	84	89	92	94	95	95	96	97
-1	7.5	58	69	86	90	98	107	113	118	121	122	126	128
	10	67	81	103	108	119	131	141	149	152	155	161	165
0	7.5	69	87	119	128	147	173	196	218	229	239	259	279
	10	78	98	133	143	165	194	220	245	257	268	291	312
1	7.5	79	102	145	157	185	224	260	296	314	331	365	399
	10	86	111	157	170	200	242	281	319	338	355	392	427
2	7.5	86	112	163	178	197	233	271	309	327	345	383	421
	10	93	121	175	190	226	274	322	370	388	406	444	482

* 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)

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

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

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/45/1.2

Diameter: 17.6 (ID)

Nominal Flow Rate: 1.17 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	75	80	90	100
-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
-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
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	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
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

* 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)

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

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

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/47/1.2

Diameter: 17.6 (ID)

Nominal Flow Rate: 1.14 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	75	80	90	100
-2	7.5	52	59	67	69	72	75	76	77	78	78	78	79
	10	63	74	87	90	95	100	104	106	107	108	109	110
-1	7.5	63	75	94	98	107	117	124	130	133	134	139	141
	10	74	89	113	119	132	146	157	167	170	174	180	186
0	7.5	75	94	129	138	159	187	212	236	248	258	281	301
	10	85	106	146	156	180	211	240	267	281	293	318	341
1	7.5	85	109	156	169	199	240	280	319	337	356	392	428
	10	94	120	171	185	217	262	304	345	365	385	423	461
2	7.5	92	121	175	191	222	262	296	334	365	385	423	461
	10	1	131	189	206	244	296	344	384	416	441	461	481

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	100	117	142	148	158	170	178	185	187	190	193	196
-1	115	139	178	188	208	233	253	270	278	285	297	308
0	133	168	229	246	283	333	379	421	442	462	501	538
1	149	191	269	292	341	408	471	530	559	586	641	691
2	159	204	288	311	362	397	491	507	533	556	601	642

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

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/35/2

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	75	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	114	120	92	90
	10	56	72	103	111	132	160	186	212	225	237	137	129

* 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)

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)

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/40/2

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	75	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	206	211	213	217	218
	10	57	73	105	114	134	163	190	217	230	242	257	277

* 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)

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)

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/45/2

Diameter: 17.6 (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	75	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	216	242	255
	10	60	77	110	121	142	172	200	228	242	255	282	300

* 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)

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)

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/35/4

Diameter: 17.6 (ID)

Nominal Flow Rate: 4.1 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	75	80	90	100
-2	7.5	29	35	45	47	52	58	63	67	69	70	73	76
	10	33	40	52	55	62	69	76	81	83	86	89	93
-1	7.5	31	38	50	54	60	70	77	84	87	90	95	101
	10	35	43	58	61	70	80	89	98	101	106	113	119
0	7.5	32	41	56	60	69	82	93	104	109	114	123	132
	10	37	46	63	68	78	92	105	117	122	128	139	149
1	7.5	34	44	61	66	77	92	106	120	126	133	145	158
	10	38	49	68	73	86	102	118	132	140	147	161	174
2	7.5	36	46	65	70	83	100	116	132	140	147	162	176
	10	40	51	72	78	92	110	128	145	153	162	177	193

* 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	50	61	79	84	93	105	115	123	127	130	136	142
-1	54	66	88	94	106	123	136	148	155	160	170	180
0	58	73	99	107	123	145	165	183	193	202	219	235
1	61	78	109	118	137	164	189	213	224	236	258	279
2	64	82	116	125	147	176	203	229	242	254	277	300

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/40/4

Diameter: 17.6 (ID)

Nominal Flow Rate: 4.0 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	75	80	90	100
-2	7.5	29	35	46	48	53	59	64	68	70	71	75	77
	10	34	41	53	56	63	71	77	83	85	87	91	94
-1	7.5	31	39	51	55	62	71	79	85	89	92	97	103
	10	35	44	59	63	71	82	91	99	104	107	114	121
0	7.5	33	42	57	61	71	84	95	106	111	116	126	135
	10	37	47	65	69	80	94	107	119	125	131	142	153
1	7.5	35	45	62	67	78	94	109	123	129	135	149	161
	10	39	50	70	75	88	105	121	136	143	150	165	178
2	7.5	36	47	67	72	85	102	119	135	143	150	166	181
	10	41	52	74	80	94	113	131	148	157	165	182	198

* 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)

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	51	62	81	85	95	107	116	125	128	132	139	144
-1	55	68	90	96	108	125	139	151	158	163	174	183
0	59	74	101	109	126	148	168	188	197	206	223	240
1	62	79	111	120	140	168	193	217	230	241	264	285
2	65	84	118	128	150	180	208	234	247	259	284	307

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

Updated: 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/45/4

Diameter: 17.6 (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	75	80	90	100
-2	7.5	28	34	43	45	49	54	58	60	62	62	65	66
	10	33	40	51	54	60	67	72	76	79	80	84	86
-1	7.5	31	38	50	53	59	67	74	80	83	86	90	94
	10	35	43	58	61	69	80	88	96	100	103	109	115
0	7.5	33	42	57	61	70	83	94	105	110	115	125	134
	10	37	47	64	69	80	94	107	119	125	130	141	152
1	7.5	35	45	63	68	80	96	110	125	132	139	152	166
	10	39	50	70	76	88	106	122	138	146	153	167	181
2	7.5	37	48	68	74	87	106	123	140	149	156	173	188
	10	41	53	75	81	96	115	134	152	161	170	186	203

* 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	51	62	81	85	95	107	116	125	128	132	138	143
-1	55	68	90	96	109	125	139	151	158	163	174	183
0	59	74	102	110	126	149	169	188	197	206	224	241
1	62	80	112	121	141	169	194	219	231	242	266	287
2	65	84	119	129	151	181	209	236	248	261	285	309

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

UPDATED – 16.11.2007

Hydrogol

Durable multi season integral dripline

Dripline Type: Hydrogol: 20/47/4

Diameter: 17.6 (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	75	80	90	100
-2	7.5	29	35	44	46	50	55	59	62	63	64	66	68
	10	34	41	53	55	61	68	74	78	80	82	86	88
-1	7.5	31	39	51	54	60	69	76	82	85	88	93	97
	10	36	44	59	63	71	82	91	99	102	106	113	118
0	7.5	34	43	59	63	72	85	97	108	113	118	129	138
	10	38	48	66	71	82	97	110	123	128	134	145	156
1	7.5	36	46	65	70	82	99	113	129	136	142	157	170
	10	40	51	72	78	91	109	125	141	149	157	172	187
2	7.5	38	49	70	76	90	109	127	144	152	161	177	193
	10	42	54	77	84	98	118	137	156	165	174	192	209

* 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	53	64	83	87	97	109	119	127	131	134	140	146
-1	56	70	92	98	111	128	142	155	161	166	177	187
	61	76	104	112	130	152	173	193	203	212	230	247
1	64	82	115	124	145	173	199	225	237	249	273	295
2	67	86	122	132	155	186	214	242	255	268	293	316

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

UPDATED – 16.11.2007