

Drip Irrigation System -16/20 mm							
Spacing	0.2	0.4	1	2	3	4	5
12x12	22083	26339	37547	57184	87416	115791	134248
10x10	22538	27239	39779	61641	94998	124752	145441
9x9	22862	27871	41346	64756	99707	131026	154095
8x8	22945	28034	41653	66316	100863	132539	155956
6x6	23867	29843	46175	75187	115173	152078	202225
5x5	24734	31557	51162	89426	128743	178790	224187
4x4	25716	33471	55853	98751	142931	197604	254118
3x3	27931	37821	66631	123490	181193	252542	314057
2.5x0.6	30003	41922	76790	143676	219627	298145	373338
2x2	32462	47509	91916	169469	258897	352976	433050
1.8 x 0.6	33824	50183	98549	182641	283444	382115	476053
1.5 x 0.6	36555	55572	111818	210645	325465	444570	543028
1.2 x 0.6	40659	63651	133871	253077	392424	529466	649752
1 x 0.6	44751	71732	153773	292592	452334	612642	752118

Drip Irrigation System -12mm						
0.2	0.4	1.0	2	3	4	5
21519	25227	34800	51709	79122	104762	120487
21864	25907	36484	55056	85047	111520	128927
22113	26392	37685	57440	88652	116324	135747
22101	26370	37533	58085	88426	115999	135317
22743	27623	40682	64214	98588	130023	174705
23386	28891	44569	76257	108842	152322	191163
24030	30139	47604	82289	118053	164520	212837
25681	33381	55602	101541	148024	208432	259016
27962	37907	66856	123944	189730	258422	323801
29912	42490	79497	144802	221526	303321	371128
30990	44609	84750	155233	241920	326944	407252
33155	48868	95261	177756	275637	378364	460468
36407	55254	113174	211964	330139	446709	546549
39650	61657	128938	243257	377592	513334	628278

Drip Irrigation with sump -16/20mm+40M3							
Spacing	0.2	0.4	1	2	3	4	5
12x12	26483	35139	59547	101184	153416	203791	244248
10x10	26938	36039	61779	105641	160998	212752	255441
9x9	27262	36671	63346	108756	165707	219026	264095
8x8	27345	36834	63653	110316	166863	220539	265956
6x6	28267	38643	68175	119187	181173	240078	312225
5x5	29134	40357	73162	133426	194743	266790	334187
4x4	30116	42271	77853	142751	208931	285604	364118
3x3	32331	46621	88631	167490	247193	340542	424057
2.5x0.6	34403	50722	98790	187676	285627	386145	483338
2x2	36862	56309	113916	213469	324897	440976	543050
1.8 x 0.6	38224	58983	120549	226641	349444	470115	586053
1.5 x 0.6	40955	64372	133818	254645	391465	532570	653028
1.2 x 0.6	45059	72451	155871	297077	458424	617466	759752
1 x 0.6	49151	80532	175773	336592	518334	700642	862118

Drip Irrigation with sump -12mm+40M3						
0.2	0.4	1.0	2	3	4	5
25919	34027	56800	95709	145122	192762	230487
26264	34707	58484	99056	151047	199520	238927
26513	35192	59685	101440	154652	204324	245747
26501	35170	59533	102085	154426	203999	245317
27143	36423	62682	108214	164588	218023	284705
27786	37691	66569	120257	174842	240322	301163
28430	38939	69604	126289	184053	252520	322837
30081	42181	77602	145541	214024	296432	369016
32362	46707	88856	167944	255730	346422	433801
34312	51290	101497	188802	287526	391321	481128
35390	53409	106750	199233	307920	414944	517252
37555	57668	117261	221756	341637	466364	570468
40807	64054	135174	255964	396139	534709	656549
44050	70457	150938	287257	443592	601334	738278

Drip Irrigation with sump -16/20mm+25M3							
Spacing	0.2	0.4	1	2	3	4	5
12x12	25378	32929	54022	90134	136841	181691	216623
10x10	25833	33829	56254	94591	144423	190652	227816
9x9	26157	34461	57821	97706	149132	196926	236470
8x8	26240	34624	58128	99266	150288	198439	238331
6x6	27162	36433	62650	108137	164598	217978	284600
5x5	28029	38147	67637	122376	178168	244690	306562
4x4	29011	40061	72328	131701	192356	263504	336493
3x3	31226	44411	83106	156440	230618	318442	396432
2.5x0.6	33298	48512	93265	176626	269052	364045	455713
2x2	35757	54099	108391	202419	308322	418876	515425
1.8 x 0.6	37119	56773	115024	215591	332869	448015	558428
1.5 x 0.6	39850	62162	128293	243595	374890	510470	625403
1.2 x 0.6	43954	70241	150346	286027	441849	595366	732127
1 x 0.6	48046	78322	170248	325542	501759	678542	834493

Drip Irrigation with sump -12mm+25M3						
0.2	0.4	1.0	2	3	4	5
24814	31817	51275	84659	128547	170662	202862
25159	32497	52959	88006	134472	177420	211302
25408	32982	54160	90390	138077	182224	218122
25396	32960	54008	91035	137851	181899	217692
26038	34213	57157	97164	148013	195923	257080
26681	35481	61044	109207	158267	218222	273538
27325	36729	64079	115239	167478	230420	295212
28976	39971	72077	134491	197449	274332	341391
31257	44497	83331	156894	239155	324322	406176
33207	49080	95972	177752	270951	369221	453503
34285	51199	101225	188183	291345	392844	489627
36450	55458	111736	210706	325062	444264	542843
39702	61844	129649	244914	379564	512609	628924
42945	68247	145413	276207	427017	579234	710653

Drip Irrigation with sump -16/20mm+20M3							
Spacing	0.2	0.4	1	2	3	4	5
12x12	24953	32079	51897	85884	130466	173191	205998
10x10	25408	32979	54129	90341	138048	182152	217191
9x9	25732	33611	55696	93456	142757	188426	225845
8x8	25815	33774	56003	95016	143913	189939	227706
6x6	26737	35583	60525	103887	158223	209478	273975
5x5	27604	37297	65512	118126	171793	236190	295937
4x4	28586	39211	70203	127451	185981	255004	325868
3x3	30801	43561	80981	152190	224243	309942	385807
2.5x0.6	32873	47662	91140	172376	262677	355545	445088
2x2	35332	53249	106266	198169	301947	410376	504800
1.8 x 0.6	36694	55923	112899	211341	326494	439515	547803
1.5 x 0.6	39425	61312	126168	239345	368515	501970	614778
1.2 x 0.6	43529	69391	148221	281777	435474	586866	721502
1 x 0.6	47621	77472	168123	321292	495384	670042	823868

Drip Irrigation with sump -12mm+20M3						
0.2	0.4	1.0	2	3	4	5
24389	30967	49150	80409	122172	162162	192237
24734	31647	50834	83756	128097	168920	200677
24983	32132	52035	86140	131702	173724	207497
24971	32110	51883	86785	131476	173399	207067
25613	33363	55032	92914	141638	187423	246455
26256	34631	58919	104957	151892	209722	262913
26900	35879	61954	110989	161103	221920	284587
28551	39121	69952	130241	191074	265832	330766
30832	43647	81206	152644	232780	315822	395551
32782	48230	93847	173502	264576	360721	442878
33860	50349	99100	183933	284970	384344	479002
36025	54608	109611	206456	318687	435764	532218
39277	60994	127524	240664	373189	504109	618299
42520	67397	143288	271957	420642	570734	700028

Drip Irrigation with sump -16/20mm+13M3							
Spacing	0.2	0.4	1	2	3	4	5
12x12	24298	30769	48622	79334	120641	160091	189623
10x10	24753	31669	50854	83791	128223	169052	200816
9x9	25077	32301	52421	86906	132932	175326	209470
8x8	25160	32464	52728	88466	134088	176839	211331
6x6	26082	34273	57250	97337	148398	196378	257600
5x5	26949	35987	62237	111576	161968	223090	279562
4x4	27931	37901	66928	120901	176156	241904	309493
3x3	30146	42251	77706	145640	214418	296842	369432
2.5x0.6	32218	46352	87865	165826	252852	342445	428713
2x2	34677	51939	102991	191619	292122	397276	488425
1.8 x 0.6	36039	54613	109624	204791	316669	426415	531428
1.5 x 0.6	38770	60002	122893	232795	358690	488870	598403
1.2 x 0.6	42874	68081	144946	275227	425649	573766	705127
1 x 0.6	46966	76162	164848	314742	485559	656942	807499

Mini Sprinkler -32mm							
Spacing	0.2	0.4	1	2	3	4	5
11x11	31735	44584	81648	146902	231197	318950	381240
10x10	32969	47567	88671	161337	253213	348026	417764
9x9	35052	51084	97488	179119	280423	384480	462776
8x8	37321	56495	109518	202885	316982	432589	522594
7.5x7.5	39239	59309	117307	217648	339537	462914	560457
Mini sprinkler with sump -32mm+40M3							
Spacing	0.2	0.4	1	2	3	4	5
11x11	36135	53384	103648	190902	297197	406950	491240
10x10	37369	56367	110671	205337	319213	436026	527764
9x9	39452	59884	119488	223119	346423	472480	572776
8x8	41721	65295	131518	246885	382982	520589	632594
7.5x7.5	43639	68109	139307	261648	405537	550914	670457

Mini Sprinkler -25mm						
0.2	0.4	1.0	2	3	4	5
29404	40094	70380	124565	197518	274057	325325
30476	42616	76311	136681	216108	298614	356050
32250	45626	83803	151716	239235	329560	394237
34233	50239	94096	172016	270578	370826	445480
35880	52692	100808	184737	290097	397042	478167
Mini sprinkler with sump -25mm+40M3						
0.2	0.4	1.0	2	3	4	5
33804	48894	92380	168565	263518	362057	435325
34876	51416	98311	180681	282108	386614	466050
36650	54426	105803	195716	305235	417560	504237
38633	59039	116096	216016	336578	458826	555480
40280	61492	122808	228737	356097	485042	588167

Mini sprinkler with sump -32mm+25M3							
Spacing	0.2	0.4	1	2	3	4	5
11x11	35030	51174	98123	179852	280622	384850	463615
10x10	36264	54157	105146	194287	302638	413926	500139
9x9	38347	57674	113963	212069	329848	450380	545151
8x8	40616	63085	125993	235835	366407	498489	604969
7.5x7.5	42534	65899	133782	250598	388962	528814	642832

Mini sprinkler with sump -25mm+25M3						
0.2	0.4	1.0	2	3	4	5
32699	46684	86855	157515	246943	339957	407700
33771	49206	92786	169631	265533	364514	438425
35545	52216	100278	184666	288660	395460	476612
37528	56829	110571	204966	320003	436726	527855
39175	59282	117283	217687	339522	462942	560542

Mini sprinkler with sump -32mm+20M3							
Spacing	0.2	0.4	1	2	3	4	5
11x11	34605	50324	95998	175602	274247	376350	452990
10x10	35839	53307	103021	190037	296263	405426	489514
9x9	37922	56824	111838	207819	323473	441880	534526
8x8	40191	62235	123868	231585	360032	489989	594344
7.5x7.5	42109	65049	131657	246348	382587	520314	632207

Mini sprinkler with sump -25mm+20M3						
0.2	0.4	1.0	2	3	4	5
32274	45834	84730	153265	240568	331457	397075
33346	48356	90661	165381	259158	356014	427800
35120	51366	98153	180416	282285	386960	465987
37103	55979	108446	200716	313628	428226	517230
38750	58432	115158	213437	333147	454442	549917

Mini sprinkler with sump -32mm+13M3							
Spacing	0.2	0.4	1	2	3	4	5
11x11	33950	49014	92723	169052	264422	363250	436615
10x10	35184	51997	99746	183487	286438	392326	473139
9x9	37267	55514	108563	201269	313648	428780	518151
8x8	39536	60925	120593	225035	350207	476889	577969
7.5x7.5	41454	63739	128382	239798	372762	507214	615832

Mini sprinkler with sump -25mm+13M3						
0.2	0.4	1.0	2	3	4	5
31619	44524	81455	146715	230743	318357	380700
32691	47046	87386	158831	249333	342914	411425
34465	50056	94878	173866	272460	373860	449612
36448	54669	105171	194166	303803	415126	500855
38095	57122	111883	206887	323322	441342	533542

Conventional Sprinkler Irrigation System			
Area	Unit cost		
	63mm	75MM	90MM
0.4 hac.	13209		
1 hac.	21478	23182	
2 hac.	30920	33226	
3 hac.			40389
4 hac.			50905
5 hac.			57186

**Raingun (Large Volume Sprinkler)
Irrigation System**

Area	Unit cost		
	63mm	75MM	90MM
1 hac.	22013	23561	
2 hac.		28732	
3 hac.			42727
4 hac.			48074
5 hac.			54129