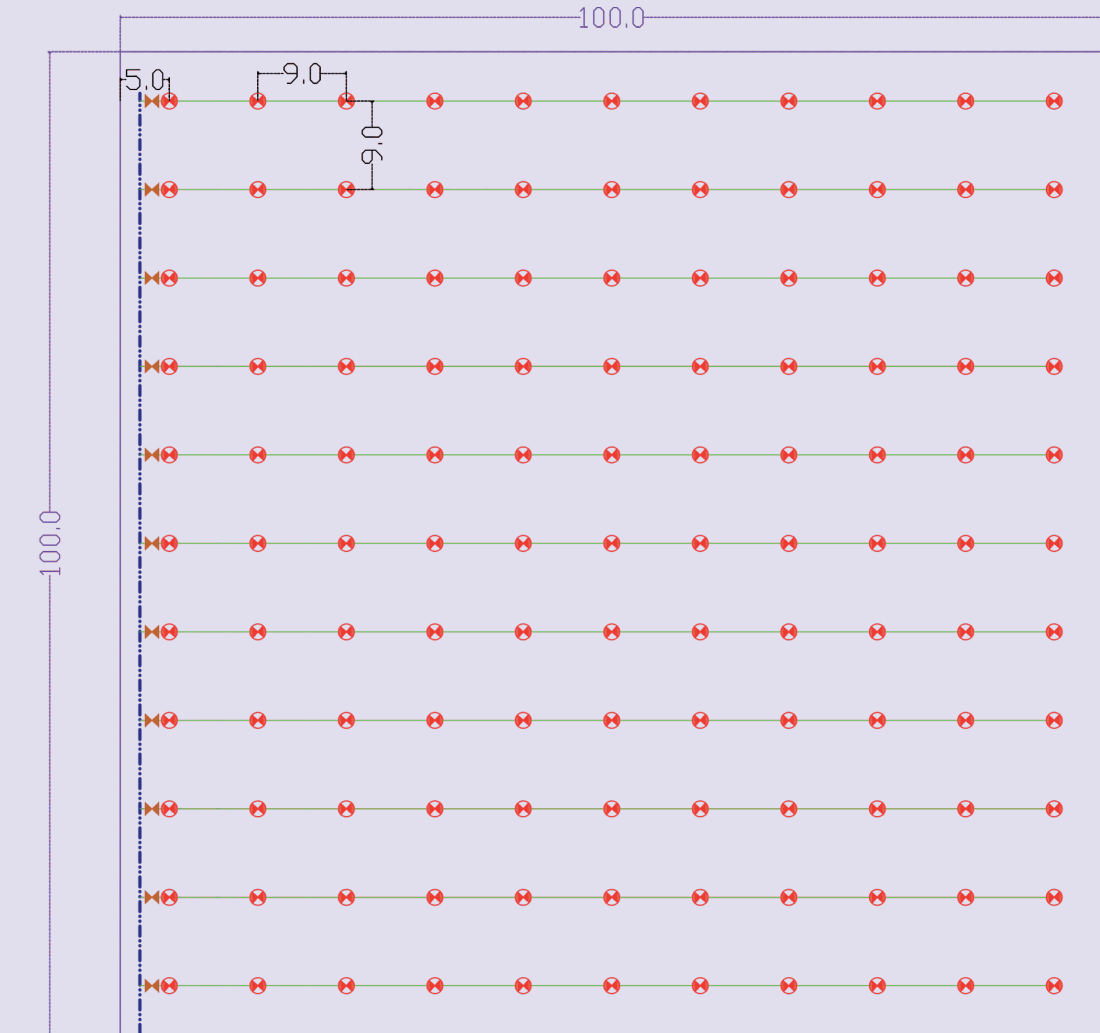







## Indicative layout for 1 Hectare field (9 Mtrs X 9 Mtrs)



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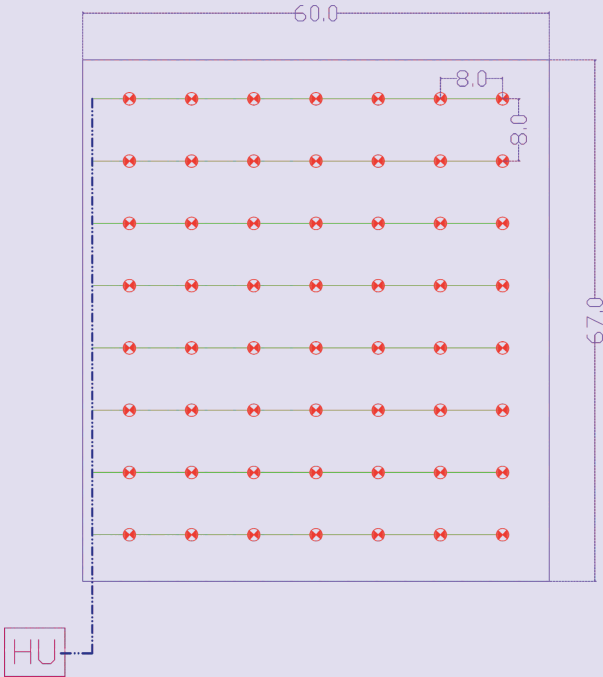
LEGEND	
	uPVC PIPE 90MM OD, 4kg/cm <sup>2</sup>
	32MM LLDPE LATERAL
	MINI SPRINKLER HT-22U
	LATERAL VALVE
	HEAD UNIT


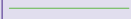



Note: All Dimensions are in Meters

## Indicative list of products and quantities for 1 Hectare field (9 Mtrs X 9 Mtrs)

SL.NO.	PRODUCT DESCRIPTION	UNIT	QTY.
1.	<b>Piping Network</b>		
a	PVC Pipe 90mm-4kg/cm <sup>2</sup>	m	156
b	PVC Pipe 32mm-10kg/cm <sup>2</sup>	m	6
2.	<b>Lateral</b>		
a	32mm LLDPE Lateral Class II	m	1000
3.	<b>Sprinkler &amp; Accessories</b>		
a	Mini Sprinkler AQ 22 with complete assembly, <b>Automat</b>	No.	125
b	32mm Compression End Cap	No.	11
c	1" x 1" Male Threaded Elbow	No.	11
d	32mm Compression Coupler`	No.	4
e	PP Service Saddle 90mm X 1"	No.	11
4.	<b>Valves &amp; Accessories</b>		
a	1" PVC Ball Valve (FxF)	No.	11
b	1 1/2" Plastic Air cum Vacuum Release Valve , <b>Automat</b>	No.	1
5.	<b>Header Assembly for 1 Nos Pump Set consisting of:</b>		
a	3" Header Assembly Inlet & Outlet Manifold with throttle valve, (Plastic)	No.	1
b	3" Hydrocyclone Filter (50m <sup>3</sup> /hr) with 3" Flanged Elbow with Necessary Nut & Bolts & Rubber Gasket, (Plastic)	No.	1
c	3" T-Type Screen Filter (40m <sup>3</sup> /hr, 80 mesh ) Both Side Flanged	No.	1
d	2 1/2" Dail Pressure Gauge SS with Glycerine Filled	No.	2
e	2" Ventury with Rotameter with Complete Assembly, (Plastic)	No.	1
f	3" By Pass Assembly Threaded TEE Plastic With 3" PP Ball Valve	No.	1

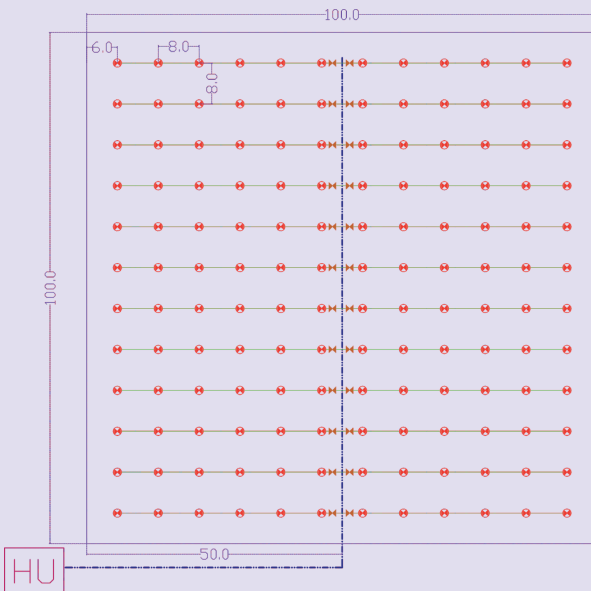
## Indicative layout for 1 Acre field (8 Mtrs X 8 Mtrs)








LEGEND	
	uPVC PIPE 75MM OD, 4kg/cm²
	32 MM LLDPE LATERAL
	MINI SPRINKLER HT-22U
	LATERAL VALVE
	HEAD UNIT

Note: All Dimensions are in Meters

## Indicative layout for 1 Hectare field (8 Mtrs X 8 Mtrs)



LEGEND	
	uPVC PIPE 75MM OD, 4kg/cm²
	32 MM LLDPE LATERAL
	MINI SPRINKLER HT-22U
	LATERAL VALVE
	HEAD UNIT

Note: All Dimensions are in Meters

## Indicative list of products and quantities for 1 Hectare field (8 Mtrs X 8 Mtrs)

SL.NO.	PRODUCT DESCRIPTION	UNIT	QTY.
1.	<b>Piping Network</b>		
a	PVC Pipe 90mm-4kg/cm <sup>2</sup>	m	156
b	PVC Pipe 32mm-10kg/cm <sup>2</sup>	m	6
2.	<b>Lateral</b>		
a	32mm LLDPE Lateral Class II	m	1100
3.	<b>Sprinkler &amp; Accessories</b>		
a	Mini Sprinkler AQ 22 with complete assembly, <b>Automat</b>	No.	144
b	32 x 1" Compression MTA	No.	24
c	32mm Compression End Cap	No.	24
d	1" x 1" x 1" Male Thread Tee	No.	24
e	32mm Compression Coupler`	No.	4
f	PP Service Saddle 90mm X 1"	No.	12
4.	<b>Valves &amp; Accessories</b>		
a	1" PVC Valve (FxF)	No.	24
b	1 1/2" Plastic Air cum Vacuum Release Valve , Automat	No.	1
5.	Header Assembly for 1 Nos Pump Set consisting of:		
a	3" Header Assembly Inlet & Outlet Manifold with throttle valve, (Plastic)	No.	1
b	3" Hydrocyclone Filter (50m <sup>3</sup> /hr) with 2" Flanged Elbow with Necessary Nut & Bolts & Rubber Gasket, (Plastic)	No.	1
c	3" T-Type Screen Filter (50m <sup>3</sup> /hr, 80 mesh ) Both Side Flanged	No.	1
d	2 1/2" Dial Pressure Gauge SS with Glycerine Filled	No.	2
e	2/2" Ventury with Rotameter with Complete Assembly, (Plastic)	No.	1
f	3" By Pass Assembly Threaded TEE Plastic With 3" PP Ball Valve	No.	1