

Irriforce Pasture Master TD1500-130 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Yuzuak Atom 28 X 1.25"
 Hose Diameter and Length : Diameter 38 mm (1,5 ") ; Length : 65 meters
 Traveller Length : 130 Meter

Capacity		Tribune Pressure Lost		bar		psi		Tribune Pressure Lost		bar		psi		Tribune Pressure Lost		bar		psi		Tribune Pressure Lost		bar		psi	
		Rainfall		mm	inch	Rainfall		mm	inch	Rainfall		mm	inch	Rainfall		mm	inch	Rainfall		mm	inch	Rainfall		mm	inch
		10		0,4		15		0,6		20		0,8		25		1									
Nozzle Size	Sprinkler Pressure		Sprinkler Throw Range		% 85 of Throw Diameter of Sprinkler		Flow Rate			Irriforce Mini Lineer Velocity		Total Pressure		Irriforce Mini Lineer Velocity		Total Pressure		Irriforce Mini Lineer Velocity		Total Pressure		Irriforce Mini Lineer Velocity		Total Pressure	
	bar	psi	m	ft	m	ft	l/min	m ³ /hour	GPM	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi	m/hour	ft/hour	bar	psi
10 mm	3	44	21	69	36	117	107	6,4	28	19	62	4,6	67	13	43	4,4	64	10	33	4,2	61	8	26	4,2	61
	4	58	23	75	39	128	123	7,4	32	20	66	5,8	84	13	43	5,6	81	10	33	5,4	78	8	26	5,4	78
12mm	2,5	36	20	66	34	112	142	8,5	37	23	74	4,5	65	15	50	4,3	62	11	37	4,1	59	9	30	4,1	59
	3	44	24	79	41	134	157	9,4	41	21	67	5,1	74	14	45	4,9	71	10	34	4,7	68	8	27	4,7	68
	4	58	26	85	44	145	180	10,8	47	22	71	6,3	91	14	47	6,1	88	11	35	5,9	86	9	28	5,9	86
14mm	2	29	21	69	36	117	175	10,5	46	27	87	4,2	61	18	58	4	58	13	44	3,8	55	11	35	3,8	55
	3	44	25	82	43	139	213	12,8	55	27	88	5,6	81	18	58	5,4	78	13	44	5,2	75	11	35	5,2	75

* NOTE : The Table above was prepared with mathematical formulas and datas under average working conditions. It is targeted to give general information to the user. Real datas can be changed during using conditions. Yüzüak Makine does not accept any responsibility according to usage of this Table.