

IB International Pty Ltd OCMIS HARD HOSE PERFORMANCE CHART

JAN 2007

MODEL : 50 / 230 mt. HOSE WALL 3.7mm

NOZ SIZE	NOZ	GUN RADIUS	WETTED WIDTH mt x 80%	CAPACITY			AREA PER RUN Ha.	mm = Application rate per irrigated run													
				Lt/Sec	Lt/Min	M3/h		10 mm	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm	Travel speed & pressure required at the machine						
mm	bar	mt						mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar
10	2.0	18	29	1.47	88	5.28	0.69	18	3.7	12	3.3	9	3.3	7	3.2	6	3.2				
	3.0	21.5	34	1.78	107	6.42	0.83	19	5.0	12	4.6	9	4.6	7	4.5	6	4.5				
	4.0	25	40	2.07	124	7.44	0.98	19	6.4	12	6.0	9	6.0	7	5.9	6	5.9				
12	2.0	20	32	2.53	152	9.12	0.77	29	4.9	19	4.5	14	4.5	11	4.4	9	4.4	8	4.4		
	3.0	24	38	3.03	182	10.92	0.94	28	6.7	19	6.3	14	6.3	11	6.2	9	6.2	8	6.2		
	4.0	27	43	3.52	211	12.66	1.07	29	8.4	20	8.0	15	8.0	12	7.9	10	7.9	8	7.9		
14	2.0	21	34	3.25	195	11.70	0.81	35	6.0	23	5.6	17	5.6	14	5.5	12	5.5	10	5.5	9	5.4
	3.0	25	40	3.98	239	14.34	0.98	36	8.3	24	7.9	18	7.9	14	7.8	12	7.8	10	7.8	9	7.7
	4.0	29	46	4.62	277	16.62	1.16	36	10.5	24	10.1	18	10.1	14	10.0	12	10.0	10	10.0	9	9.9

N.B. These tables are merely indicative because they have been worked out through a mathematical formula and according to average working conditions . Consequently Ocmis and IB International decline any responsibilities deriving from their application .