

Table for calculating the output of the MOESCHA slurry spreaders, if pressure is 1 bar

Hint, if you are not using a vacuum tanker: an effective pressure of 1 bar is given for the following combinations of nozzle diameter (55,62,68,77,85 mm) and flow rate:
 S-55: 1.750 l/min; S-62: 2.200 l/min; S-68: 2.600 l/min; S-77: 3.200 l/min; S-85: 4.400 l/min

Please insert capacity of tanker:
 (either in upper or in lower cell)

9,092 m³ (= 1,000 liter)
2000 gallons (= 4.546 liter)

Example for tanker capacity 2000 gallons, spreading table in gallons/acre only

		Driving range single [m]					amount of slurry spread with Single Spreader in gallons/acre , if spreading width is adjusted to...																								
							9 m					10 m					12 m					15 m					18 m (type W only)				
		S 55	S 62	S 68	S 77	S 85	S 55	S 62	S 68	S 77	S 85	S 55	S 62	S 68	S 77	S 85	S 55	S 62	S 68	S 77	S 85	S 55	S 62	S 68	S 77	S 85	S 55 W	S 62 W	S 68 W	S 77 W	S 85 W
3 km/h	1,9 mph	260	207	175	142	103	21	27	31	39	53	19	24	28	35	48	16	20	24	29	40	13	16	19	23	32	11	13	16	19	27
4 km/h	2,5 mph	346	276	233	189	138	16	20	24	29	40	14	18	21	26	36	12	15	18	22	30	10	12	14	17	24	8	10	12	14	20
5 km/h	3,1 mph	433	344	291	237	172	13	16	19	23	32	11	14	17	21	29	10	12	14	17	24	8	10	11	14	19	6	8	9	12	16
6 km/h	3,7 mph	520	413	350	284	207	11	13	16	19	27	10	12	14	17	24	8	10	12	14	20	6	8	9	12	16	5	7	8	10	13
7 km/h	4,3 mph	606	482	408	331	241	9	11	13	17	23	8	10	12	15	21	7	9	10	12	17	5	7	8	10	14	5	6	7	8	11

		Driving range DUO [m]					amount of slurry spread with DUO spreader in gallons/acre														
							not of relevance for DUO spreader										21 m (DUO only)				
		S 55 W	S 62 W	S 68 W	S 77 W	S 85 W	S 55 W	S 62 W	S 68 W	S 77 W	S 85 W										
3 km/h	1,9 mph	108	86	73	59	43	not of relevance for DUO spreader										18	23	27	33	46
4 km/h	2,5 mph	144	115	97	79	57	not of relevance for DUO spreader										14	17	20	25	34
5 km/h	3,1 mph	180	143	121	99	72	not of relevance for DUO spreader										11	14	16	20	28
6 km/h	3,7 mph	216	172	146	118	86	not of relevance for DUO spreader										9	11	14	17	23
7 km/h	4,3 mph	253	201	170	138	100	not of relevance for DUO spreader										8	10	12	14	20
8 km/h	5,0 mph	289	230	194	158	115	not of relevance for DUO spreader										7	9	10	13	17
9 km/h	5,6 mph	325	258	219	178	129	not of relevance for DUO spreader										6	8	9	11	15
10 km/h	6,2 mph	361	287	243	197	143	not of relevance for DUO spreader										5	7	8	10	14
11 km/h	6,8 mph	397	316	267	217	158	not of relevance for DUO spreader										5	6	7	9	13