



HYDRO 1500™ DOSAGE FOR BALLAST-FILLED TIRES

Tire Size	Rim Width	WATER		3.5 LB. SOLUTION			5.0 LB. SOLUTION		
		Solid at +32oF		Slush-free to -12°F Solid @ -52F			Slush-free to -53oF Solid at -62oF		
		Water Gal.	Weight Lbs.	Water Gal.	CaCl ₂ Lbs.	Total Weight	Water Gal.	CaCl ₂ Lbs.	Total Weight

DRIVE WHEEL TIRES

8.3-24	7.00	13	108	11	39	131	10	50	133
9.5-16	8.00	12	100	10	35	118	10	50	133
9.5-24	8.00	17	142	15	53	178	14	70	187
9.5-32	8.00	22	183	19	67	225	18	90	240
9.5-36	8.00	25	208	22	77	260	20	100	267
9.5-42	8.00	29	242	25	88	296	23	115	307
11.2-24	10.00	24	200	20	70	237	19	95	253
11.2-28	10.00	27	225	24	84	284	22	110	293
11.2-36	10.00	35	292	30	105	355	28	140	374
11.2-38	10.00	36	300	31	109	368	29	145	387
12.4-24	11.00	30	250	26	91	308	25	125	333
12.4-28	11.00	35	292	30	105	355	28	140	374
12.4-36	11.00	44	367	38	133	450	36	180	480
12.4-38	11.00	46	384	40	140	474	37	185	494
12.4-42	11.00	51	425	44	154	521	41	205	547
12.4-46	12.00	53	442	45	158	533	43	215	573
12.4-54	10.00	58	484	49	172	581	47	235	627
13.6-24	12.00	38	317	32	112	379	30	150	400
13.6-26	12.00	40	334	35	123	415	33	165	440
13.6-28	12.00	43	359	37	130	439	35	175	467
13.6-38	12.00	57	475	49	172	581	46	230	614
13.6-46	12.00	65	542	55	193	651	52	260	694
13.9-36	12.00	51	425	44	154	521	42	210	560
14.9-24	13.00	47	392	40	140	474	38	190	507
14.9-28	12.00	48	400	41	144	486	39	195	520
14.9-28	13.00	53	442	46	161	545	43	215	574
14.9-30	13.00	57	475	48	168	568	46	230	614
14.9-34	13.00	63	525	54	189	639	51	255	680
14.9-38	12.00	67	559	58	203	687	55	275	734
14.9-46	12.00	80	667	68	238	805	65	325	867
15.5-38	14.00	66	550	56	196	663	53	265	707



HYDRO 1500™ DOSAGE FOR BALLAST-FILLED TIRES Page 2

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		Solid at +32°F		Slush-free to -12°F Solid at -52°F			Slush-free to -53°F Solid at -62°F		
		Water Gal.	Weight Lbs.	Water Gal.	CaCl ₂ Lbs.	Total Weight	Water Gal.	CaCl ₂ Lbs.	Total Weight

DRIVE WHEEL TIRES

16.9-24	15.00	61	509	52	182	616	49	245	654
16.9-26	15.00	65	542	56	196	663	52	260	694
16.9-28	15.00	69	575	59	207	699	56	280	747
16.9-30	15.00	73	609	63	221	746	59	295	787
16.9-34	15.00	82	684	70	245	829	66	330	880
16.9-38	15.00	90	751	77	270	912	73	365	974
17.5L-24	15.00	55	459	47	165	557	45	225	600
18.4-16.1	16.00	49	409	42	147	497	39	195	520
18.4-24	16.00	74	617	64	224	758	60	300	800
18.4-26	16.00	79	659	68	238	805	64	320	854
18.4-28	16.00	84	701	72	252	852	68	340	907
18.4-30	16.00	89	742	77	270	912	72	360	960
18.4-34	16.00	100	834	85	298	1007	81	405	1081
18.4-38	16.00	110	917	94	329	1113	89	445	1187
18.4-42	16.00	115	959	98	343	1160	93	465	1240
18.4-46	16.00	129	1075	111	389	1314	105	525	1400
19.5L-24	16.00	69	575	60	210	710	56	280	747
20.8-34	18.00	128	1068	109	382	1291	103	515	1374
20.8-38	18.00	140	1168	120	420	1421	114	570	1521
20.8-42	18.00	148	1234	127	444	1503	120	600	1600
21L-24	18.00	87	725	74	259	876	70	350	934
21.5L-16.1	16.00	67	559	57	200	675	54	270	720
23.1-26	20.00	128	1068	109	382	1291	103	515	1374
23.1-30	20.00	143	1193	123	431	1457	116	580	1547
23.1-34	20.00	159	1326	136	476	1610	128	640	1708
24L-26	20.00	128	1068	110	385	1302	104	520	1387
24.5-32	21.00	170	1418	146	511	1729	136	690	1841
28L-26	25.00	157	1309	134	469	1587	127	635	1694
30.5L-32	27.00	217	1810	186	651	2202	176	880	2347
DH35.5L-32	31.00	340	2836	291	1019	3446	275	1375	3669
420/70-24	13.00	56	350	36	126	426	34	170	453
475/650-20	W-15L	47	391	40	140	474	38	190	507
420/80R-46	13.00	84	701	72	252	852	68	340	907
480/70R-28	15.00	73	609	63	221	746	59	295	788
480/70R-30	15.00	76	634	65	228	770	61	305	814
600/65R-28	18.00	107	892	92	322	1089	86	430	1147
710/75R-34	23.00	231	1927	198	693	2344	187	935	2495
710/70R-38	23.00	212	1766	182	637	2155	171	855	2295



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		Water Gal.	Weight Lbs.	Water Gal.	CaCl ₂ Lbs.	Total Weight	Water Gal.	CaCl ₂ Lbs.	Total Weight

IMPLEMENT AND FARM TIRES

7.50-14	5.50	7.2	60	6.2	21.7	73	5.8	29.0	78
7.60-15	5.50	8.6	72	7.4	26.0	88	7.0	35.0	93
7.60-16	5.50	9.0	75	7.7	27.0	91	7.3	36.5	97
8.5L-14	6.00	9.1	76	7.8	27.3	92	7.4	37.0	99
9.5L-14	7.00	12.8	107	11.0	38.5	130	10.4	52.0	139
9.5L-15	7.00	13.4	112	11.5	40.3	136	10.9	54.5	145
11L-14	8.00	15.1	126	13.0	45.5	154	12.2	61.0	163
11L-15	10.00	15.8	132	13.6	47.6	161	12.8	64.0	171
11L-16	10.00	16.6	138	14.2	49.7	168	13.4	67.0	179
12.5L-15	10.00	18.7	156	16.0	56.0	189	15.1	75.5	201
12.5L-16	10.00	19.5	163	16.7	58.5	198	15.8	79.0	211
13.50-16.1	11.00	31.0	258	26.5	92.8	314	25.0	125.0	334
31/15.50-15	13.00	17.1	143	14.7	51.5	174	13.9	69.5	185
16.5L-16.1	14.00	40.0	334	34.0	119.0	403	32.0	160.0	427
19L-16.1	16.00	53.0	442	45.0	158.0	533	43.0	214.0	573
21.5L-16.1	16.00	63.0	525	54.0	189.0	639	51.0	255.0	680

GARDEN TRACTOR TIRES

5-12	3.75	3.1	26	2.7	9.5	32	2.5	12.5	33
6-12	5.00	3.6	30	3.1	10.9	37	2.9	14.5	39
6-14	5.00	5.6	47	4.8	16.8	57	4.6	23.0	61
6.00-16	4.50	7.6	63	6.5	22.8	77	6.1	30.5	81
7-16	5.00	8.2	68	7.0	24.5	83	6.6	33.0	88
8-16	5.00	11.7	98	10.0	35.0	118	9.5	48.0	127
18x7.00-8	5.00	3.4	28	2.9	10.2	34	2.7	13.5	36
23x8.50-12	7.00	5.5	46	4.7	16.5	56	4.5	22.5	60
23x10.50-12	8.50	6.8	57	5.9	20.7	70	5.5	28.0	74
26x12.00-12	10.50	8.3	69	7.1	24.9	84	6.7	34.0	89
27x8.50-15	7.00	6.9	58	6.0	21.0	71.0	5.6	28.0	75



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		Water Gal.	Weight Lbs.	Water Gal.	CaCl ₂ Lbs.	Total Weight	Water Gal.	CaCl ₂ Lbs.	Total Weight

FRONT TRACTOR TIRES

4.00-12	3.00	2.1	18	1.8	6	21	1.7	8.5	23
4.00-15	3.00	2.6	22	2.2	8	26	2.1	10.5	28
4.00-19	3.00	3.1	26	2.7	9.5	32	2.5	12.5	33
5.00-15	3.00	3.8	32	3.3	11.5	39	3.1	15.5	41
5.50-16	4.00	5.1	43	4.4	15.0	52	4.1	20.5	55
6.00-14	5.00	5.9	49	5.0	18.0	60	4.8	24.0	64
6.00-16	4.00	6.2	52	5.3	19	63	5.0	25.0	67
8.50-16	4.50	7.0	58	6.0	21	71	5.7	28.5	76
7.5L-15	6.00	8.3	69	7.1	25	84	6.7	33.5	89
7.50-16	5.50	9.8	82	8.4	29	99	8.0	40.0	107
7.50/8.00-16	5.50	10.6	88	9.1	32	108	8.6	43.0	115
7.50-18	5.50	11.0	92	9.4	33	111	9.0	45.0	120
7.50-20	5.50	11.4	95	9.8	34	116	9.2	46.0	123
9.00-10	6.00	9.2	77	7.9	27	93	7.4	37.0	99
9.5L-10	8.00	8.3	69	7.1	25	84	6.7	33.5	89
9.5L-15	8.00	11.2	93	9.6	34	114	9.0	45.0	120
9.50-20	7.00	17.0	142	15.0	53	176	14.0	70.0	187
10.00-16	8.00	17.0	142	15.0	53	178	14.0	70.0	187
11L-15	8.00	14.0	117	12.0	42	142	11.0	55.0	147
11L-16	8.00	15.0	125	13.0	46	154	12.0	60.0	160
11.00-16	10.00	24.0	200	20.0	70	237	19.0	95.0	253
11.00-24	10.00	35.0	292	30.0	105	355	28.0	140.0	374
14L-16.1	11.00	28.0	234	24.0	84	284	23.0	115.0	307
14.5/75-16.1	11.00	27.0	225	23.0	81	273	22.0	110.0	294
16.5L-16.1	14.00	40.0	334	34.0	119	403	32.0	160.0	427



HYDRO 1500™ DOSAGE FOR BALLAST-FILLED TIRES Page 5

Tire Size	WATER		3.5 LB. SOLUTION			5.0 LB. SOLUTION		
	Solid at +32°F		Slush-free to -12°F Solid at -52°F			Slush-free to -53°F Solid at -62°F		
	Water Gal.	Weight Lbs.	Water Gal.	CaCl ₂ Lbs.	Total Weight	Water Gal.	CaCl ₂ Lbs.	Total Weight

FLOTATION TIRES

31x15.50-15	20	166	17	60	201	16	80	213
42x25.00-20	66	548	57	200	673	53	265	705
48x25.00-20	92	764	79	277	933	74	370	984
48x31.00-20	125	1038	107	375	1263	100	500	1330
54x37.00-25	209	1735	179	627	2113	168	840	2234
66x43.00-25	327	2714	280	980	3304	263	1315	3498
66x43.00-26	313	2598	268	938	3162	252	1260	3352
66x44.00-25	347	2880	298	1043	3516	279	1395	3711
67x34.00-25	224	1859	192	672	2268	180	900	2394
67x34.00-26	220	1826	188	659	2220	176	882	2343
67x34.00-30	202	1677	173	606	2041	162	810	2155
68x50.00-32	489	4050	418	1463	4932	392	1960	5214
73x44.00-32	372	3088	318	1113	3895	299	1495	3977
78x45.00-32	472	3936	404	1414	4767	379	1895	5041

- NOTES:
1. Tables are based on using Type 1 calcium chloride (77% CaCl₂). If Type 2 concentrated calcium chloride (94% CaCl₂) is used, reduce specified "Lbs. CaCl₂" in Tables by 25%.
 2. Values shown in tables are approximate and represent 75% fill or "valve level" fill (with valve at top of tire) which is recommended practice.
 3. Antifreeze protection levels are shown at top of each table for different solutions.
 4. For rear tires mounted on narrower rims, decrease quantities at the rate of 4% for each 1-inch reduction in rim width. For wider rims, increase quantities by 4% for each 1-inch increase in rim width.
 5. **HYDRO 1500™ DOSAGE: 1 gallon of sealant to 10 gallons of ballast. See HYDRO 1500™ installation instructions at multiseal.us**