

Rim Guard Hydro-Flation Tables for Ag Tires

Based on 75% Fill Level/Valve Stem @ 12:00 for bias ply tires

**** For Radial Tires: Multiply Gal/Tire by 80%. Resulting gallons x 10.7 lbs. = Weight/Tire ****

Drive Wheel Tires

Tire Size	Gallons/Tire	Weight (lbs.)
8.3-24	13	139
9.5-16	12	128
9.5-24	17	182
9.5-32	22	235
9.5-36	25	268
9.5-42	29	310
11.2-24	24	257
11.2-28	27	289
11.2-36	35	375
11.2-38	36	385
12.4-24	30	321
12.4-28	35	375
12.4-36	44	471
12.4-38	46	492
12.4-42	51	546
12.4-46	53	567
12.4-54	58	621
13.6-16.1	31	332
13.6-24	38	407
13.6-26	40	428
13.6-28	43	460
13.6-38	57	610
13.6-46	65	696
13.9-36	51	546
14.9-24	47	503
14.9-26	48	514
14.9-28	53	567
14.9-30	57	610
14.9-34	63	674
14.9-38	67	717
14.9-46	80	856
15.5-25	46	492
15.5-38	66	706
16.9-24	61	653
16.9-26	65	696
16.9-28	69	738
16.9-30	73	781
16.9-34	82	877
16.9-38	90	963
17.5L-24	55	589
17.5x25	60	642
18.4-16.1	49	524
18.4-24	74	792
18.4-26	79	845
18.4-28	84	899
18.4-30	89	952
18.4-34	100	1,070
18.4-38	110	1,177
18.4-42	115	1,231
18.4-46	129	1,380
19.5L-24	69	738
20.8x25	90	963
20.5R-25	94	1,006
20.8-34	128	1,370
20.8-38	140	1,498
20.8-42	148	1,584
20.8-46	153	1,637
21L-24	87	931
21.5L-16.1	63	674
23.1-26	128	1,370
23.1-30	143	1,530
23.1-34	159	1,701
24L-26	128	1,370
24.5-32	170	1,819
28L-26	157	1,680
29.5R-25	200	2,140
30.5L-32	217	2,322
DH35.5L-32	340	3,638

Drive Wheel Tires (Con't.)

Tire Size	Gallons/Tire	Weight (lbs.)
240/70R16	8	86
250/80R16	12	128
250/80R18	13	139
250/95R34	24	257
250/95R50	32	342
260/70R16	10	107
260/80R20	15	161
290/95R34	34	364
290/90R38	34	364
320/70R24	23	246
320/75R24	25	268
320/85R34	38	407
320/80R42	40	428
320/90R42	49	524
320/90R46	52	556
320/90R50	55	589
340/80R18	27	289
340/80R18	27	289
340/85R46	57	610
380/70R20	31	332
380/70R24	36	385
380/70R28	41	439
380/85R28	50	535
380/85R30	54	578
380/85R34	56	599
380/80R38	56	599
380/90R46	76	813
380/90R50	79	845
380/90R54	84	899
385/85R34MPT	60	642
420/70R24	47	503
420/70R28	53	567
420/80R46	86	920
420/85R28	66	706
420/90R30	72	770
480/70R28	71	760
480/70R30	75	803
480/70R34	83	888
480/80R38	105	1,124
480/80R42	113	1,209
480/80R46	119	1,273
480/80R50	125	1,338
480/85R34	99	1,059
VA500/95D32	138	1,477
520/85R38	133	1,423
520/85R42	142	1,519
520/85R46	153	1,637
540/65R30	80	856
580/70R38	142	1,519
600/65R28	99	1,059
620/75R26	125	1,338
620/70R42	169	1,808
620/75R46	183	1,958
650/75R32	162	1,733
650/75R34	185	1,980
650/85R38	229	2,450
650/65R42	164	1,755
710/70R38	201	2,151
710/70R42	228	2,440
750/65R26	168	1,798
800/65R32	202	2,161
800/70R38	265	2,836
900/50R42	235	2,515
900/60R32	270	2,889
900/65R32	289	3,092

RIM GUARD, INC

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For Radial Tires: Multiply Gal/Tire by 80%. Resulting gallons x 10.7 lbs = Weight/Tire

Light Construction Tires

Tire Size	Gallons/Tire	Weight (lbs.)
5.00-12	3.0	32.1
6.00-12	3.0	32.1
6-14	5.6	59.9
6.00-16	7.6	81.3
7-14	6.0	64.2
7-16	8.2	87.7
8-16	11.7	125.2
12x16.5	15.0	160.5
12.5x80-18	22.0	235.4
12.5x80-20	26.0	278.2
12.4x16R4	21.0	224.7
14-17.5	22.0	235.4
15-19.5	29.0	310.3
15.5x60x18	21.0	224.7
16x6.50-8	2.0	21.4
18x7.00-8	3.4	36.4
18x8.5-8	3.0	32.1
18x9.50-8	4.0	42.8
20x8.00-8	5.0	53.5
20x10.00-8	6.0	64.2
20x8.00-10	4.0	42.8
21x8.00-10	4.0	42.8
23x8.50-12	5.5	58.9
23x10.50-12	6.8	72.8
24x8.50-12	6.0	64.2
24x8.50-14	5.0	53.5
25x8.50-14	6.0	64.2
26x12.00-12	8.3	88.8
27x8.50-15	6.9	73.8
31x13.00-16.5	13.0	139.1
31x15.50-15	19.0	203.3
33x15.50-16.5	19.0	203.3
33x1600x20	28.0	299.6
215/70D15	6.0	64.2
260/65D15	7.0	74.9
265/70D16.5	12.0	128.4
305/70D16.5	15.0	160.5
330/55D16.5	13.0	139.1
355/70D17.5	22.0	235.4
355/80D20	36.0	385.2
385/65D19.5	29.0	310.3
385/65D22.5	30.0	321.0
390/60D15	17.0	181.9
395/55D16.5	19.0	203.3
445/65D19.5	40.0	428.0
445/65D22.5	44.0	470.8

Implement & Farm

Tire Size	Gallons/Tire	Weight (lbs.)
7.60-15	8.6	92.0
7.50-14	7.2	77.0
7.60-16	9.0	96.3
8.5L-14	9.1	97.4
9.5L-14	12.8	137.0
9.5L-15	13.4	143.4
11L-14	15.1	161.6
11L-15	15.8	169.1
11L-16	16.6	177.6
12.5L-15	18.7	200.1
12.5L-16	19.5	208.7
13.50-16.1	31.0	331.7
16.5L-16.1	40.0	428.0
19L-16.1	53.0	567.1
21.5L 16-1	63.0	674.1
22.5LL 16-1	52.0	556.4
41/18LL 16.1	50.0	535.0
43x1600-20	38.4	410.9

Terra Tires NHS

Tire Size	Gallons/Tire	Weight (lbs.)
23x8.50-12	5.5	58.9
23x10.50-12	6.8	72.8
23x12.00-12	10.0	107.0
24x12-12	7.5	80.3
25x7.50-15	6.0	64.2
25x10.50-15	7.0	74.9
25x12.50-15	8.0	85.6
26x12.00-12	8.3	88.8
27x8.50-15	7.0	74.9
27x9.50-15	9.0	96.3
27x10.50-15	10.0	107.0
29x12.50-15	14.0	149.8
31x12.50-15	18.0	192.6
31x13.50-15	19.0	203.3
31x15.50-15	20.0	214.0
33x12.50-15	22.0	235.4
35x12.50R-16.5	21.0	224.7
36x13.50-15	30.0	321.0
38x20.00-16.1	42.0	449.4
38x14.00-20	30.0	321.0
41x14.00-20	32.0	342.4
42x25.00-20	66.0	706.2
44x18.00-20	56.0	599.2
44x41.00-20	110.0	1,177.0
48x25.00-20	92.0	984.4
48x31.00-20	125.0	1,337.5
48x20.00-24	54.0	577.8
54x31.00-26	117.0	1,251.9
66x43.00-25	327.0	3,498.9
66x44.00-25	347.0	3,712.9
67x34.00-25	224.0	2,396.8
67x34.00-26	220.0	2,354.0
67x34.00-30	202.0	2,161.4
73x44.00-32	372.0	3,980.4

Front Tractor Tires

Tire Size	Gallons/Tire	Weight (lbs.)
4.00-12	2.1	22.5
4.00-15	2.6	27.8
4.00-19	3.1	33.2
5.00-15	3.8	40.7
5.50-16	5.1	54.6
6.00-14	5.9	63.1
6.00-16	6.2	66.3
6.50-16	7.0	74.9
7.5L-15	8.3	88.8
7.50-16	9.8	104.9
7.50/8.00-16	10.6	113.4
7.50-18	11.0	117.7
7.50-20	11.4	122.0

Garden Tractor Tires

Tire Size	Gallons/Tire	Weight (lbs.)
5-12	3.1	33.2
6-12	3.6	38.5
6-14	5.6	59.9
6.00-16	7.6	81.3
7-16	8.2	87.7
8-16	11.7	125.2
18.700-8	3.4	36.4

Skid Type Loaders

Tire Size	Gallons/Tire	Weight (lbs.)
10-16.5	12.0	128.4
12-16.5	15.0	160.5
14-17.5	22.0	235.4
15-19.5	29.0	310.3
13.00x24	47.0	502.9