

RADIAL PLY AGRICULTURAL DRIVE WHEEL TIRES  
USED ON AGRICULTURAL HARVESTING EQUIPMENT  
IN CYCLIC LOADING FIELD SERVICE AND ROAD TRANSPORT  
(EXCLUDING HILLSIDE COMBINES)

### TIRES USED AS SINGLES

### BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE TYPE NOMENCLATURE	
CODE NO.	TIRE TYPE
R-1	Drive Wheel, Regular Tread
R-2	Cane & Rice, Drive Wheel, Deep Tread
R-3	Drive Wheel, Shallow Tread
R-4	Industrial Tractor, Drive Wheel, Intermediate Tread

TIRE SIZE	BASIC TIRE LOAD INDEX NO.	CYCLIC INFLATION PRESSURE		FIELD SERVICE MAXIMUM CYCLIC LOAD				ROAD TRANSPORT MAXIMUM LOAD	
				MAX. SPEED 6 MPH (10 KM/H)		MAX. SPEED 10 MPH (15 KM/H)		MAX. SPEED 25 MPH (40 KM/H)	
		psi	kPa	lbs	kg	lbs	kg	lbs	kg
14.9R-26	132	38	260	7480	3390	6820*	3090*	5000	2270
16.9R-24	134	30	210	7960	3610	7250*	3290*	5080	2300
16.9R26	135 (2*)	30	210	8150	3700	7450*	3380*	5360	2430
18.4R26	140 (2*)	30	210	9400	4260	8550*	3880*	6400	2900
18.4R38	141 (1*)	24	160	9650	4380	8800*	4000*	6600	3000
	146 (2*)	30	210	11200	5100	10200*	4640*	7600	3450
18.4R42	148 (2*)	30	210	11800	5360	10800*	4880*	8050	3650
20.8R38	147 (1*)	24	160	11600	5240	10500*	4760*	8050	3650
	153 (2*)	30	210	13700	6200	12500*	5660*	9100	4125
20.8R42	155 (2*)	30	210	14500	6600	13300*	6000*	9650	4375
24.5R32	154	24	170	14030	6360	12790*	5800*	9650	4375
30.5LR32	170 (3*)	36	250	22400	10200	20500*	9300*	14800	6700
380/90R46	149	41	280	12200	5540	11100*	5040*	7850	3550
420/80R46	149	35	240	12200	5540	11100*	5040*	7600	3450
	151	44	300	12900	5870	11800*	5350*	8250	3750
	161	70	480	17300	7860	15800*	7170*	11000	5000
420/85R26	138	29	200	8840	4010	8060*	3660*	5680	2575
480/70R28	151	52	360	12900	5860	11800*	5340*	8250	3750
480/70R30	152	58	400	13340	6060	12160*	5530*	8800	4000
480/80R38	149	29	200	12150	5520	11080*	5030*	7850	3550
480/80R42	151	29	200	12900	5870	11800*	5350*	8250	3750
	154	35	240	14000	6350	12800*	5800*	8800	4000
520/85R38	155	29	200	14500	6600	13300*	6000*	9350	5240
520/85R42	157	29	200	15450	7020	14100*	6400*	9900	4500
	165	51	350	19400	8760	17700*	7980*	12300	5600
540/65R30	150	41	280	12580	5700	11470*	5200*	8050	3650
580/85R42	168	44	300	20900	9520	19100*	8680*	13600	6150
600/65R28	147	29	200	11600	5260	10500*	4760*	7850	3550
	154	44	300	14020	6370	12780*	5810*	9350	4250
600/70R28	152	29	200	13340	6060	12160*	5530*	8550	3875
	161	51	350	17300	7860	15800*	7170*	11000	5000
600/70R30	152	29	200	13340	6060	12160*	5530*	8800	4000
	162	52	360	17850	8100	16200*	7360*	12000	5450

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TIRE SIZE	BASIC TIRE LOAD INDEX NO.	CYCLIC INFLATION PRESSURE		FIELD SERVICE MAXIMUM CYCLIC LOAD				ROAD TRANSPORT MAXIMUM LOAD MAX. SPEED 25 MPH (40 KM/H)	
				MAX. SPEED 6 MPH (10 KM/H)		MAX. SPEED 10 MPH (15 KM/H)			
		psi	kPa	lbs	kg	lbs	kg	lbs	kg
620/70R42	160	29	200	16830	7650	15340*	6970*	11000	5000
	166	41	280	19890	9040	18130*	8240*	12800	5800
650/75R32	167	41	280	20400	9250	18600*	8450*	12800	5800
	172	52	360	23600	10700	21500*	9750*	14800	6700
650/85R38	173	41	280	24300	11050	22150*	10070*	15700	7100
750/65R26	166	44	300	19890	9040	18130*	8240*	13200	6000
800/60R32	175	58	400	25840	11740	23560*	10700*	17100	7770
800/65R32	167	29	200	20400	9250	18600*	8450*	12800	5800
	172	41	280	23600	10700	21500*	9750*	15200	6900
800/70R38	173	29	200	24300	11050	22150*	10070*	15700	7100
	181	52	360	30940	14060	28210*	12800*	20900	9500
900/60R32	176	41	280	26700	12100	24300*	11000*	17100	7750
900/75R32	184	44	300	33660	15300	30690*	13950*	22700	10300

**NOTES:**

- For tires used in dual service, above tire load limits must be reduced. Multiply figures in the above table by .88.
- The load ratings in the above table reflect a different operating duty cycle when compared to agricultural tractors. This cyclic service is intended for use on a vehicle with a minimal requirement for torque transmission and with appreciable total weight fluctuations; e.g., combine grain tanks which are repeatedly filled and emptied. Unloading is to occur before off-field transport.
- For intermediate inflation pressures and for tires not shown, the field service loads in Tables A and B may be increased by 70% for 6 mph (10 km/h) applications and 55% for 10 mph (15 km/h) applications with a 6 psi (40 kPa) increase in inflation pressure. Consult tire manufacturer for loads and pressures not shown for transport service.
- Due to higher inflation pressures specified for these tires, the tire and wheel manufacturer must be consulted.
- The above field service cyclic loads only apply to vehicles which operate up to an 11° slope (20% grade). For operations on slopes greater than 11° (20% grade), loads in Tables A and B shall be used.
- \*6. For tires used on grain carts, the field service loads in Tables A and B may be increased by 55% for 15 mph (25 km/h), up to one mile (1.61 km), with a 6 psi (40 kPa) increase in inflation pressure.**

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