

# DOUBLE COIN RADIAL AGRICULTURE TIRES



2011

**UNCOMPROMISING QUALITY AND PERFORMANCE**

THE SMART MONEY IS ON



# RADIAL FARM R1



## FEATURES & BENEFITS

- Improvements in design to enhance wet/mud traction
- Cleat spacing and design assist in minimizing vibration on hard surface roading
- Dual Size Markings; metric with conventional equivalents
- Bead area enhancements for increased load carrying capacity
- Twin pry notches provide easier in field service

TIRE SIZE (METRIC)	TIRE SIZE (US)	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (IN)	SECTION WIDTH (IN)	TREAD DEPTH (32/IN)	RIM	SINGLE MAX LOAD /PRESSURE
420/85R28	16.9R28	139	A8	56.7	17.2	58/32	W15L / W14L / W13	5360lbs(2430kg)/23psi(160kPa)
520/85R42	20.8R42	157	A8	77.4	21.0	69/32	DW16L / DW18L / DD18L	9095lbs(4125kg)/23psi(160kPa)
460/85R42	18.4R42	150	A8	74.6	18.6	67/32	W14L/W15L/W16L	7385lbs(3350kg)/23psi(160kPa)
460/85R46	18.4R46	152	A8	74.8	18.6	67/32	W14L/W15L/W16L	7385lbs(3350kg)/23psi(160kPa)
420/85R30	16.9R30	140	A8	58.8	17.2	58/32	W14L/W15L/W16L	5510lbs(2500kg)/23psi(160kPa)
420/85R34	16.9R34	142	A8	62.8	17.2	58/32	W13/W14L/W15L	5840lbs(2650kg)/23psi(160kPa)
520/85R38	20.8R38	155	A8	73.4	21.0	69/32	DW16L/DW18L	8540lbs(3875kg)/23psi(160kPa)

## TIRE AND RIM ASSOCIATION STANDARD/TIRE LOAD RATINGS

### TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES

TIRE SIZE DESIGNATION	PSI kPa	6 40	8 *55/60	10 70	12 80	14 *95/100	16 110	18 *165/160 *	20 140	22 150	24 *165/160 **	26 180	28 190	30 210 ***
16.9R30	lbs.	2200	2600	3000	3300	3640	3860	<b>4180 (130)</b>	4400	4680	<b>5080 (137)</b>	5200	5360	<b>5680 (141)*</b>
	kg	1000	1180	1360	1500	1650	1750	<b>1900/ (130)</b>	2000	2120	<b>2300 (137)</b>	2360	2430	<b>2575 (141)*</b>
18.4R42	lbs.	3080	3740	4180	4680	5080	5520	<b>600 (143)</b>	6400	6600	<b>6950 (148)</b>	7400	7600	<b>8050 (153)</b>
	kg	1400	1700	1900	2120	2300	2500	<b>2725 (143)</b>	2900	3000	<b>3150 (148)</b>	3350	3450	<b>3650 (153)</b>
18.4R46	lbs.	3300	3860	4400	4940	5360	5840	<b>6150 (144)</b>	6600	6950	<b>7400 (150)</b>	7850	8050	<b>8550(155)</b>
	kg	1500	1750	2000	2240	2430	2650	<b>2800(144)</b>	3000	3150	<b>3350 (150)</b>	3550	3650	<b>3875(155)</b>

  

TIRE SIZE DESIGNATION	PSI kPa	6 40	9 60	12 80	15 100	17 120	20 140	23 160	26 180	29 200	32 220	35 240
420/85R28	lbs.	2470	2910	3420	3860	<b>4400 (132)</b>	4940	<b>5360 (139)</b>				
	kg	1120	1320	1550	1750	<b>2000</b>	2240	<b>2430</b>				
420/85R34	lbs.	2680	3200	3740	4300	<b>4800 (135)</b>	5360	<b>5840 (142)</b>	6150	6400	6600	<b>6800 (147)</b>
	kg	1215	1450	1700	1950	<b>2180</b>	2430	2650	2800	2900	3000	<b>3075</b>
520/85R38	lbs.	3860	4680	5520	6150	<b>6950(148)</b>	7850	<b>8550 (155)</b>				
	kg	1750	2120	2500	2800	<b>3150</b>	3550	<b>3875</b>				
520/85R42	lbs.	4300	5080	6000	6800	<b>7600 (151)</b>	8550	<b>9350 (158)</b>				
	kg	1950	2300	2725	3075	<b>3450</b>	3875	<b>4250</b>				

### BASIC TIRE LOAD RATINGS AND INFLATION LIMITS

MAX. SPEED	% CHANGE IN ABOVE LOADS	CHANGE IN INFL. PRESS.
STATIONARY	+189%	+6PSI (40 KPA)
10 mph (15km/h)	+34% (except hillside combines)	None
15 mph (25km/h)	+11% (except hillside combines)	None
20 mph (30km/h)	+7%	None
25 mph (40km/h)	None	None

\* The Tire and Rim Association has adopted an official conversion equivalency of kPa for psi values. The first number reflects the official conversion and the second number reflects the previous value. Both values are acceptable.

NOTE: Bold Face denotes maximum load for the Symbol shown and the Load Index in parentheses