

TABLE C2 – AD₂ VF LOAD DESIGNATION FOR RADIAL AGRICULTURAL DRIVE WHEEL TIRES

TIRE TYPE NOMENCLATURE		MAX SPEED SPEED INDEX	
TRA	TIRE TYPE	A8/B	D
R-1	Drive Wheel, Regular Tread	30 mph	40 mph
R-1W	Drive Wheel, Wet Traction Tread	30 mph	40 mph
R-2	Cane & Rice, Drive Wheel, Deep Tread	30 mph	—

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION ENGLISH UNITS OF MEASURE (lbs@psi)

TIRE SIZE	INFLATION psi Symbol	LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES															
		6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70
		LOAD LIMITS IN LBS., INFLATION PRESSURE IN PSI															
AD ₂ VF380/80R38	LI	3			138	142		149		152	154						
	SINGLES	3200	3860	4540	5200	5840	6400	7150	7400	7850	8250						
	DUALS	2820	3400	4000	4580	5140	5630	6290	6510	6910	7260						
	TRIPLES	2620	3170	3720	4260	4790	5250	5860	6070	6440	6770						
AD ₂ VF380/95R38	LI					146		154									
	SINGLES	3740	4400	5200	6000	6600	7400	8250									
	DUALS	3290	3870	4580	5280	5810	6510	7260									
	TRIPLES	3070	3610	4260	4920	5410	6070	6770									
AD ₂ VF380/90R46	LI				144	148		155		158	161	164	167	169	170	173	
	SINGLES	3860	4680	5520	6150	6950	7850	8550	9100	9350	10200	11000	12000	12800	13200	14300	
	DUALS	3400	4120	4860	5410	6120	6910	7520	8010	8230	8980	9680	10560	11300	11620	12580	
	TRIPLES	3170	3840	4530	5040	5700	6440	7010	7460	7670	8360	9020	9840	10500	10820	11730	
AD ₂ VF380/90R50	LI				146	150		157		160	162	165	168	170	172	175	178
	SINGLES	4080	4940	5680	6600	7400	8250	9100	9350	9900	10500	11400	12300	13200	13900	15200	16500
	DUALS	3600	4340	5000	5800	6500	7250	8000	8250	8700	9250	10000	10800	11600	12200	13400	14500
	TRIPLES	3340	4060	4660	5420	6050	6750	7450	7650	8100	8600	9350	10100	10800	11400	12500	13500
AD ₂ VF380/90R54	LI				147	151		158		161	164	167	169	172	173	176	179
	SINGLES	4300	5080	6000	6800	7600	8550	9350	9900	10200	11000	12000	12800	13900	14300	15700	17100
	DUALS	3780	4480	5280	5980	6700	7500	8250	8700	9000	9700	10600	11300	12200	12600	13800	15000
	TRIPLES	3520	4160	4920	5580	6250	7000	7650	8100	8350	9000	9850	10500	11400	11700	12900	14000
AD ₂ VF380/105R50	LI				150	154		161		165	167	170	172	175	176	179	
	SINGLES	4680	5520	6400	7400	8250	9350	10200	10700	11400	12000	13200	13900	15200	15700	17100	
	DUALS	4120	4860	5630	6510	7260	8230	8980	9420	10030	10600	11620	12230	13400	13820	15050	
	TRIPLES	3840	4530	5250	6070	6770	7670	8360	8770	9350	9840	10820	11400	12500	12870	14020	
AD ₂ VF420/85R34	LI				143	147				157							
	SINGLES	3740	4540	5200	6000	6800	7400	8250	8550	9100							
	DUALS	3290	4000	4580	5280	5980	6510	7260	7520	8010							
	TRIPLES	3070	3720	4260	4920	5580	6070	6770	7010	7460							
AD ₂ VF420/85R38	LI				145	149		155		159							
	SINGLES	3960	4680	5520	6400	7150	7850	8550	9100	9650							
	DUALS	3490	4120	4860	5630	6290	6910	7520	8010	8490							
	TRIPLES	3250	3840	4530	5250	5860	6440	7010	7460	7910							
AD ₂ VF480/80R46	LI					157		164		167	169						
	SINGLES	5080	6000	6950	8050	9100	10200	11000	11700	12000	12800						
	DUALS	4470	5280	6120	7080	8010	8980	9680	10300	10560	11300						
	TRIPLES	4170	4920	5700	6600	7460	8360	9020	9590	9840	10500						

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 168-172.

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TRA	TIRE TYPE	SPEED INDEX	
		A8/B	D
R-1	Drive Wheel, Regular Tread	50 km/h	65 km/h
R-1W	Drive Wheel, Wet Traction Tread	50 km/h	65 km/h
R-2	Cane & Rice, Drive Wheel, Deep Tread	50 km/h	—

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION METRIC UNITS OF MEASURE (kg@kPa)

TIRE SIZE	INFLATION	0.4																
		kPa	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480
		bar	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8
AD2 VF380/80R38	LI				138	142		149		152	154							
	SINGLES		1450	1750	2060	2360	2650	2900	3250	3350	3350	8250						
	DUALS		1280	1540	1810	2080	2330	2550	2860	2950	2950	7260						
	TRIPLES		1190	1440	1690	1940	2170	2380	2670	2750	2750	6770						
AD2 VF380/95R38	LI				143	146		154										
	SINGLES		1700	2000	2360	2725	3000	3350	3750									
	DUALS		1500	1760	2080	2400	2640	2950	3300									
	TRIPLES		1390	1640	1940	2240	2460	2750	3080									
AD2 VF380/90R46	LI				144	148		155		158	161	164	167	169	170	173		
	SINGLES		1750	2120	2500	2800	3150	3550	3875	4125	4250	4625	5000	5450	5800	6000	6500	
	DUALS		1540	1870	2200	2460	2770	3120	3420	3640	3740	4080	4400	4800	5100	5280	5720	
	TRIPLES		1440	1740	2050	2300	2580	2910	3180	3380	3480	3800	4100	4460	4760	4920	5340	
AD2 VF380/90R50	LI				146	150		157		160	162	165	168	170	172	175	178	
	SINGLES		4080	4940	5680	6600	7400	8250	9100	9350	9900	10500	11400	12300	13200	13900	15200	16500
	DUALS		3600	4340	5000	5800	6500	7250	8000	8250	8700	9250	10000	10800	11600	12200	13400	14500
	TRIPLES		3340	4060	4660	5420	6050	6750	7450	7650	8100	8600	9350	10100	10800	11400	12500	13500
AD2 VF380/90R54	LI				147	151		158		161	164	167	169	172	173	176	179	
	SINGLES		4300	5080	6000	6800	7600	8550	9350	9900	10200	11000	12000	12800	13900	14300	15700	17100
	DUALS		3780	4480	5280	5980	6700	7500	8250	8700	9000	9700	10600	11300	12200	12600	13800	15000
	TRIPLES		3520	4160	4920	5580	6250	7000	7650	8100	8350	9000	9850	10500	11400	11700	12900	14000
AD2 VF380/105R50	LI				150	154		161		165	167	170	172	175	176	179		
	SINGLES		2120	2500	2900	3350	3750	4250	4625	4875	5150	5450	6000	6300	6900	7100	7750	
	DUALS		1870	2200	2550	2950	3300	3740	4080	4300	4540	4800	5280	5540	6050	6250	6800	
	TRIPLES		1740	2050	2380	2750	3080	3480	3800	4000	4220	4460	4920	5160	5660	5820	6350	
AD2 VF420/85R34	LI				143	147				157								
	SINGLES		1700	2060	2360	2730	3080	3350	3750	3880	4130							
	DUALS		1500	1810	2080	2400	2710	2950	3300	3410	3630							
	TRIPLES		1390	1690	1940	2240	2520	2750	3080	3180	3390							
AD2 VF420/85R38	LI				145	149		155		159								
	SINGLES		1800	2120	2500	2900	3250	3550	3880	4130	4380							
	DUALS		1580	1870	2200	2550	2860	3120	3410	3630	3850							
	TRIPLES		1480	1740	2050	2380	2670	2910	3180	3390	3590							
AD2 VF480/80R46	LI					157		164		167	169							
	SINGLES		2300	2730	3150	3650	4130	4630	5000	5300	5450	5800						
	DUALS		2020	2400	2770	3210	3634	4074	4400	4660	4800	5100						
	TRIPLES		1890	2240	2580	2990	3390	3800	4100	4350	4470	4760						

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TABLE C2 – AD₂ VF LOAD DESIGNATION FOR RADIAL AGRICULTURAL DRIVE WHEEL TIRES

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

ENGLISH UNITS OF MEASURE (lbs@psi)

TIRE SIZE	INFLATION psi Symbol	LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES															
		6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	70
		LOAD LIMITS IN LBS., INFLATION PRESSURE IN PSI															
AD ₂ VF480/80R50	LI					158		166		169	171						
	SINGLES	5200	6400	7400	8250	9350	10500	11700	12000	12800	13600						
	DUALS	4580	5630	6510	7260	8230	9240	10300	10560	11260	11970						
	TRIPLES	4260	5250	6070	6770	7670	8610	9590	9840	10500	11150						
AD ₂ VF480/95R50	LI					164		170									
	SINGLES	6000	7150	8550	9650	11000	12000	13200									
	DUALS	5280	6290	7520	8490	9680	10560	11620									
	TRIPLES	4920	5860	7010	7010	9020	9840	10820									
AD ₂ VF520/85R46	LI					163		170									
	SINGLES	6000	7150	8250	9650	10700	12000	13200									
	DUALS	5280	6290	7260	8490	9420	10560	11620									
	TRIPLES	4920	5860	6770	7910	8770	9840	10820									
AD ₂ VF580/85R42	LI				163	167		174		178	180	183					
	SINGLES	6800	8050	9350	10700	12000	13600	14800	15700	16500	17600	19300					
	DUALS	5980	7080	8230	9420	10560	11970	13020	13820	14520	15490	16980					
	TRIPLES	5580	6600	7670	8770	9840	11150	12140	12870	13530	14430	15830					
AD ₂ VF600/70R28	LI				153	157		164		167	169	173					
	SINGLES	5080	6000	6950	8050	9100	9900	11000	11700	12000	12800	14300					
	DUALS	4480	5280	6100	7100	8000	8700	9700	10300	10600	11300	12600					
	TRIPLES	4160	4920	5700	6600	7450	8100	9000	9600	9850	10500	11700					
AD ₂ VF620/70R46	LI					167		173		177		179					
	SINGLES	6600	7850	9350	10500	12000	13200	14300	15200	16100	16500	17100					
	DUALS	5810	6910	8230	9240	10560	11620	12580	13380	14170	14520	15050					
	TRIPLES	5410	6440	7670	8610	9840	10820	11730	12460	13200	13530	14020					
AD ₂ VF620/75R26	LI				156	160		167		170	172						
	SINGLES	5520	6600	7600	8800	9900	11000	12000	12800	13200	13900						
	DUALS	4860	5800	6700	7750	8700	9700	10600	11300	11600	12200						
	TRIPLES	4520	5420	6250	7200	8100	9000	9850	10500	10800	11400						
AD ₂ VF650/60R34	LI					157		165		168							
	SINGLES	5080	6150	7150	8050	9100	10200	11400	11700	12300							
	DUALS	4470	5410	6290	7080	8010	8980	10030	10300	10820							
	TRIPLES	4170	5040	5860	6600	7460	8360	9350	9590	10090							
AD ₂ VF750/65R26	LI				161	165		171		174	177						
	SINGLES	6400	7600	8800	10200	11400	12300	13600	14300	14800	16100						
	DUALS	5630	6690	7740	8980	10030	10820	11970	12580	13020	14170						
	TRIPLES	5250	6230	7220	8360	9350	10090	11150	11730	12140	13200						
AD ₂ VF800/70R38	LI					177		184		187	190	193					
	SINGLES	9100	10700	12800	14300	16100	18200	19800	20900	21500	23400	25400					
	DUALS	8010	9420	11260	12580	14170	16020	17420	18390	18920	20590	22350					
	TRIPLES	7460	8770	10500	11730	13200	14920	16240	17140	17630	19190	20830					
AD ₂ VF900/60R42	LI				174	178		185		189							
	SINGLES	9350	11000	12800	14800	16500	18700	20400	21500	22700							
	DUALS	8250	9700	11300	13000	14500	16500	18000	18900	20000							
	TRIPLES	7650	9000	10500	12100	13500	15300	16700	17600	18600							

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TABLE C2 – AD2 VF LOAD DESIGNATION FOR RADIAL AGRICULTURAL DRIVE WHEEL TIRES

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION METRIC UNITS OF MEASURE (kg@kPa)

TIRE SIZE		INFLATION															
		0.4															
		kPa	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440
bar	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	
AD2 VF480/80R50	LI						158		166		169	171					
	SINGLES		2360	2900	3350	3750	4250	4750	5300	5450	5800	6150					
	DUALS		2080	2550	2950	3300	3740	4180	4660	4800	5100	5410					
	TRIPLES		1940	2380	2750	3080	3490	3900	4350	4470	4760	5040					
AD2 VF480/95R50	LI						164		170								
	SINGLES		2730	3250	3880	4380	5000	5450	6000								
	DUALS		2400	2860	3410	3850	4400	4800	5280								
	TRIPLES		2240	2670	3180	3590	4100	4470	4920								
AD2 VF520/85R46	LI																
	SINGLES		2730	3250	3750	4375	4875	5450	6000								
	DUALS		2400	2860	3300	3850	4290	4800	5280								
	TRIPLES		2240	2670	3080	3590	4000	4470	4920								
AD2 VF580/85R42	LI					163	167		174		178	180	183				
	SINGLES		3080	3660	4260	4880	5460	6150	6700	7100	7500	8000	8750				
	DUALS		2710	3220	3750	4290	4810	5410	5900	6250	6600	7040	7700				
	TRIPLES		2530	3000	3490	4000	4480	5040	5490	5820	6150	6560	7180				
AD2 VF600/70R28	LI					153	157		164		167	169	173				
	SINGLES		2300	2730	3160	3660	4120	4500	5000	5300	5460	5800	6500				
	DUALS		2020	2400	2770	3220	3640	3960	4400	4660	4800	5100	5720				
	TRIPLES		1890	2230	2580	2990	3380	3700	4100	4340	4460	4760	5340				
AD2 VF620/70R46	LI					167	173		177		177	179					
	SINGLES		3000	3550	4250	4750	5450	6000	6500	6900	7300	7500	7750				
	DUALS			3120	3740	4180	4800	5280	5720	6070	6420	6600	6820				
	TRIPLES			2910	3490	3900	4470	4920	5330	5660	5990	6150	6360				
AD2 VF620/75R26	LI					156	160		167		170	172					
	SINGLES		2500	3000	3460	4000	4500	5000	5460	5800	6000	6300					
	DUALS		2200	2640	3040	3520	3960	4400	4800	5100	5280	5540					
	TRIPLES		2050	2460	2830	3280	3700	4100	4460	4760	4920	5160					
AD2 VF650/60R34	LI					157	165		168		168						
	SINGLES		2300	2800	3250	3650	4130	4630	5150	5300	5600						
	DUALS		2020	2460	2860	3210	3630	4074	4530	4660	4930						
	TRIPLES		1890	2300	2670	2990	3390	3800	4220	4350	4590						
AD2 VF750/65R26	LI					161	165		171		174	177					
	SINGLES		2900	3450	4000	4625	5150	5600	6150	6500	6700	7300					
	DUALS		2550	3040	3520	4070	4530	4930	5410	5720	5900	6420					
	TRIPLES		2380	2830	3280	3790	4220	4590	5040	5330	5490	5990					
AD2 VF800/70R38	LI					173	177		184		187	190	193				
	SINGLES			4130	4880	5800	7300	8250	9000	9500	9750	10600	11500				
	DUALS			3630	4300	5100	6420	7260	7920	8360	8580	9339	10120				
	TRIPLES			3390	4000	4760	5990	6770	7380	7790	8000	8690	9430				
AD2 VF900/60R42	LI					174	178		185		189						
	SINGLES		4250	5000	5800	6700	7500	8500	9250	9750	10300						
	DUALS		3740	4400	5100	5900	6600	7480	8140	8580	9060						
	TRIPLES		3490	4100	4760	5490	6150	6970	7590	8000	8450						

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