



ALLIANCE
AGRICULTURE

TRA: I-3
Speed Rating: B

Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.

IMPLEMENT - 550/45-22.5

Size	Rim	Unloaded Dimension		Loaded Static radius inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load							
								Speed							
								Drive Wheel				Free rolling			
		SW inch	OD inch					6 mph	16 mph	25 mph	31 mph	6 mph	16 mph	25 mph	31 mph
550/45-22.5	16.00DC, 18.00DC, 20.00DC	21.7	42.1	19.2	128.8	8PR	17	5640	4810	4030	3640	8180	6950	5840	5270
						145A8↻	19	5930	5030	4230	3810	8580	7300	6130	5510
						142B↻	20	6170	5250	4410	3970	8950	7610	6390	5750
						132A8↻									
						128B↻	28	8820	7500	6310	5670	10740	9130	7670	6900
						12PR	22	6500	5530	4650	4190	9260	7870	6610	5950
						153A8↻	28	7500	6370	5360	4830	10630	9020	7580	6830
						149B↻	30	7960	6750	5680	5120	11270	9570	8050	7250
						141A8↻									
						137B↻	42	11380	9660	8110	7320	13510	11490	9660	8710
						16PR	35	8660	7360	6200	5580	12350	10490	8820	7940
						159A8↻	38	9080	7720	6480	5840	12940	11000	9240	8310
						156B↻	41	9500	8070	6780	6110	13510	11490	9650	8690
						147A8↻									
						143B↻	55	13580	11530	9700	8730	16230	13780	11570	10430
						22PR	46	10160	8640	7250	6530	14350	12190	10250	9240
						166A8↻	52	10890	9260	7780	7010	15370	13070	10980	9880
						162B↻	58	11570	9830	8270	7450	16360	13910	11680	10520
						154A8↻									
						150B↻	80	16560	14070	11820	10650	19620	16690	14020	12610

Highlighted rows indicate cyclic high load variations. Note: For above mentioned size 8 PR is no longer active for production. 1)When tires equip vehicles subject to haulage cyclic high load variations excluding transport application on long distances, i.e. vehicles used on round trips (e.g. from field to farm) where on one way the vehicle is empty & on the other way the gross vehicle mass exceeds two times the mass of empty vehicle (last two rows in the table). 2) Load for intermediate speed should be taken as an average between two close speeds 3) Load at lower speed than 10km/h may be similar to the load for 10km/h 4)Steel Belted is available in 12PR only.

