



ALLIANCE
AGRICULTURE

TRA: **R-1**
Speed Rating: **A8**

The 356 is a tire for high power tractors on heavy duty jobs in forestry and heavier operation in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.

TRACTOR - 16.9R38

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load								
								Speed								
								Field operation			Not high and sustained torque; Road transport					
								High Torque	Low Torque							
		SW mm	OD mm					10 kmph	10 kmph	20 kmph	Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph
16.9R38	W15L	456	1695	772	5217	**	1	2100	2740	2350	4510	2940	2180	2100	1960	1780
						141A8 138B	1.3	2440	3190	2740	5240	3420	2530	2440	2280	2070
							1.6	2760	3610	3090	5920	3860	2860	2760	2575	2340
						***	1.9	3030	3960	3400	6510	4250	3140	3030	2830	2580
						146A8 143B	2.1	3210	4200	3600	6900	4500	3330	3210	3000	2730
							2.8	4010	5250	4500	8630	5630	4160	4010	3750	3410
						161A8 158B	3.2	4340	5680	4870	9340	6090	4510	4340	4060	3690
							3.6	4650	6090	5220	10010	6530	4830	4650	4350	3960
							4	4950	6480	5550	10640	6940	5130	4950	4625	4250

1) For stationary service (0 km/h) and speed up to 10 km/h inflation pressure must be increased by 20%. 2) Field dual: 88% of field load, field triple: 82% of field load. 3) Recommended rim in red. *Alliance allows for Free Rolling [FR] application: Load capacity to be increased by 20%, after increasing the inflation pressure by 20%.

