



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 inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load									
								Speed									
								Field operation			Not high and sustained torque; Road transport						
								High Torque	Low Torque								
		SW inch	OD inch					6 mph	6 mph	12 mph	Static mph	6 mph	16 mph	19 mph	25 mph	31 mph	
16.9R38	W15L	18.0	66.7	30.4	205.4	**	15	4630	6040	5180	9940	6480	4810	4630	4320	3920	
						141A8 138B	19	5380	7030	6040	11550	7540	5580	5380	5030	4560	
							23	6090	7960	6810	13050	8510	6310	6090	5680	5160	
						***	28	6680	8730	7500	14350	9370	6920	6680	6240	5690	
						146A8 143B	30	7080	9260	7940	15210	9920	7340	7080	6610	6020	
							41	8840	11570	9920	19030	12410	9170	8840	8270	7520	
						161A8 158B	46	9570	12520	10740	20590	13430	9940	9570	8950	8140	
							52	10250	13430	11510	22070	14400	10650	10250	9590	8730	
							58	10910	14290	12240	23460	15300	11310	10910	10200	9370	

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%.

