

NEW TIRE RELEASE DOCUMENT

NTRD No: I-705

AGRI STAR II 420/70R28 133D TL

Release Type: Full Release

Release Region: Global

Marketing Dept.
Month: Aug /2019

This document is created to register the marketing communication collaterals and process details for the launch of the above mentioned pattern; it is intended for internal circulation and approval for further dissemination. All facts and figures mentioned in the document is true to the best of our knowledge as on the above said date, for updated information please feel free to visit the website www.atgtire.com.

New Tire Release Document

NTRD No: I-705

Release Month: Aug 19

Brand (Logo): **ALLIANCE**

Tread pattern: AGRI STAR II

Size: 420/70R28

Product code: 47000002AL-IN

Main applications:



Agri Star II has StratifiedLayer™ technology which provides excellent traction and road ability for on road & off road application. StratifiedLayer™ technology is a unique combination of 2 layers of lugs which ensures higher lug competency after initial wear. Even after 40% wear the second layer of lug ensures grip and traction making it well equipped for effective long life on field.

Feature	Advantage	Benefit
Stratified Layer Technology	<ul style="list-style-type: none"> Long tire life at different stages throughout its life Improve traction and better lug support Improves braking handling (during negative slippage) 	<ul style="list-style-type: none"> Best on & off road performance with better traction Enhanced vehicle stability & better ride quality Low soil compaction due to wider footprint resulting in improved productivity.
Polyester Casing Construction	<ul style="list-style-type: none"> Gives dimensional stability Better Strength 	<ul style="list-style-type: none"> Longer life
Wider Tread Width	<ul style="list-style-type: none"> More contact area 	<ul style="list-style-type: none"> Reduced soil compaction
Stubble Guard	<ul style="list-style-type: none"> Resistance to stubble/ Cut & Crack 	<ul style="list-style-type: none"> Lesser breakdown Longer life
Wear Resistance Compound	<ul style="list-style-type: none"> Less wear 	<ul style="list-style-type: none"> Lesser breakdown Longer life

Technical Data

Pattern	AGRI STAR II
Size	420/70R28
LI/SI/PR	133D
TRA Code	R-1W
Tire Weight (Kgs / lbs)	91.8 / 202.4
No. of Lugs	21
NSD (mm/1/32inch)	47 / 59.2
TT/TL	TUBELESS (TL)
SRI	625
RCI	40
Gross Flat Plate Area (cm2/in2)	1181.8 / 183.2
Volume (Liters/Gallons)	290.8 / 76.8
E-marking Number	E11 106R-005867
Tyre warranty	7 Years

Performance Parameters

Traction	★★★★★★★★★★
Driving Comfort	★★★★★★★★★★
Self Cleaning	★★★★★★★★★★
Braking Properties	★★★★★★★★★★

Structural Difference

Compound	Stubble Guard
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Load Table

Size	Rim	Unloaded		Loaded	Rolling	Load	Infl.	Recommended load, kg (lbs)						
		dimension		Static	Circum	Index		Speed, km/h (mph)						
		SW	OD	Radius										
		mm	mm	mm	mm	Speed	bar							
		in	in	in	in	Symbol	psi	Static	10	25	30	40	50	65
								6	16	19	25	31	40	
420/70R28	W13X28 W12, W14L	425	1354	619	3794	133D	0.8	3040	1980	1560	1520	1450	1390	1320
							12	6700	4360	3440	3350	3190	3060	2910
							1.0	3450	2250	1780	1730	1640	1580	1500
							15	7600	4960	3920	3810	3610	3480	3300
							1.2	3910	2550	2010	1960	1860	1790	1700
							17	8610	5620	4430	4320	4100	3940	3740
							1.4	4260	2780	2190	2130	2030	1940	1850
							20	9380	6120	4820	4690	4470	4270	4070
							1.6	4740	3090	2440	2370	2260	2160	2060
							23	10440	6810	5370	5220	4980	4760	4540

Overall Width (+/- 2%) Overall Diameter (+/- 1.5%) Static radius (+/- 2%) Circumference (+/- 2.5%)

For further queries write to kahirrao@atgtire.com

With presence in 120 countries, across 6 continents, ATG specializes in the development, manufacturing and sale of Off-Highway Tires. One of the fastest growing companies in the segment, ATG has a wide range of offerings for Agricultural, Forestry, Industrial and OTR tires and three world-renowned brands – Alliance, Galaxy and Primex. ATG's mission is to deliver superior value to their customers through focus on innovation, technology and cost-efficient manufacturing and distribution practices. ATG is a fully owned subsidiary of The Yokohama Rubber Company, Japan.

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