

NEW TIRE RELEASE DOCUMENT

NTRD No: I-702

AGRI STAR II 320/70R20 123D 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-702

Release Month: Aug 19
 Brand (Logo): **ALLIANCE**
 Tread pattern: AGRI STAR II
 Size: 320/70R20
 Product code: 47000039AL-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.

Technical Data

Pattern	AGRI STAR II
Size	320/70R20
LI/SI/PR	123D
TRA Code	R-1W
Tire Weight (Kgs / lbs)	40.75 / 89.9
No. of Lugs	19
NSD (mm/1/32inch)	35 / 44.1
TT/TL	TUBELESS (TL)
SRI	475
RCI	34
Gross Flat Plate Area (cm2/in2)	579.8 / 89.9
Volume (Liters/Gallons)	117.3 / 31
E-marking Number	E11 106R-005879
Tyre warranty	7 Years

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

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	Recommended load, kg (lbs)											
		dimension		Static	Circum	Index	Infl.	Speed, km/h (mph)										
		SW	OD	Radius			press.											
		mm	mm	mm	mm	Speed	bar											
		in	in	in	in	Symbol	psi	Static	10	25	30	40	50	65				
320/70R20	W10X20 W9, W11	322	986	457	2943	123D	12.68	38.82	17.99	115.87	0.8	1680	1100	870	840	800	770	730
											12	3700	2420	1920	1850	1760	1700	1610
											1.0	1960	1280	1010	980	930	890	850
											15	4320	2820	2220	2160	2050	1960	1870
											1.6	2650	1730	1360	1320	1260	1210	1150
											23	5840	3810	3000	2910	2780	2670	2530
											2	3130	2040	1610	1560	1490	1430	1360
											29	6890	4490	3550	3440	3280	3150	3000
											2.4	3570	2330	1840	1780	1700	1630	1550
											35	7860	5130	4050	3920	3740	3590	3410

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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