

# NEW TIRE RELEASE DOCUMENT

G-407



- ▶ RELEASE DATE: June, 2014
- ▶ SIZE: 440/50R17
- ▶ TREAD PATTERN: 221 Lawn master
- ▶ BRAND: **ALLIANCE**
- ▶ PRODUCT CODE: 22105020
- ▶ MAIN APPLICATIONS: Grassland tractors



## 221 LAWN MASTER

The Alliance 221 Grassland Flotation Lawn Master traction tire has been designed for grassland application.

The Alliance 221 Lawn Master is suitable to operate on slopes when mounted on self propelled machines.

Alliance 221 Lawn Master is capable to operate up to 65 KMPH.

Alliance 221 Lawn Master offers below operation benefits

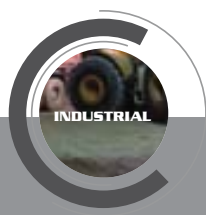
- Uniform ground pressure distribution & puncture protection
  - Stell belt construction
- Excellent self cleaning
- low noise & low rolling resistance
  - Traed Pattern
- Lower Tread wear
  - Wear resistance compound

Lawn Master 221	
Size	Rim
425/55R17	13
▶ 440/50R17	14 <b>NEW</b>



Pattern	221
Tire Size	440/50R17
Tread Design	221
Tire weight <i>kg / lbs</i>	47.7 / 357
Non skid depth NSD mm / in/32	21 / 26/32
Number of lugs	
TT/TL	TL
Catalogue number	221105020
Gross Flat Plate Area $cm^2 / in^2$	10533 / 1633
Volume <i>liters / gallons</i>	134 / 35
RCI	32
SRI	425

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg ( <i>lbs</i> )								
		SW	OD					Speed, km/h ( <i>mph</i> )								
		mm <i>in</i>	mm <i>in</i>	Mixed application												
				Static	10 6	25 16		30 19	40 25	50 31	60 37	65 40				
<b>440/50R17</b>	<b>14</b>	441	872	838	2675	135D	<b>1.5</b>	<b>2990</b>	<b>2340</b>	<b>2050</b>	<b>1960</b>	<b>1770</b>	<b>1570</b>	<b>1390</b>	<b>1300</b>	
		17.4	34	33.0	105		22	6590	5150	4520	4320	3900	3460	3060	2860	
								<b>1.7</b>	<b>3220</b>	<b>2520</b>	<b>2210</b>	<b>2110</b>	<b>1900</b>	<b>1690</b>	<b>1500</b>	<b>1400</b>
								25	7090	5550	4870	4650	4190	3720	3300	3080
								<b>2.0</b>	<b>3540</b>	<b>2770</b>	<b>2430</b>	<b>2330</b>	<b>2090</b>	<b>1860</b>	<b>1650</b>	<b>1540</b>
								29	7800	6100	5350	5130	4600	4100	3630	3390
								<b>2.5</b>	<b>4050</b>	<b>3170</b>	<b>2780</b>	<b>2660</b>	<b>2390</b>	<b>2130</b>	<b>1880</b>	<b>1760</b>
								36	8920	6980	6120	5860	5260	4690	4140	3880
								<b>3.0</b>	<b>4510</b>	<b>3530</b>	<b>3100</b>	<b>2960</b>	<b>2670</b>	<b>2370</b>	<b>2100</b>	<b>1960</b>
								44	9930	7780	6830	6520	5880	5220	4630	4320
						<b>3.6</b>	<b>5010</b>	<b>3920</b>	<b>3440</b>	<b>3290</b>	<b>2960</b>	<b>2640</b>	<b>2330</b>	<b>2180</b>		
						52	11040	8630	7580	7250	6520	5810	5130	4800		



## ATG

Alliance Tire Group specializes in the development, manufacturing, and marketing of tires for Agriculture, Forestry, Construction, Industrial, Earth Moving and OEM applications, under the Alliance, Galaxy, and Primex Brands.

Backed by nearly 60 years of experience, Alliance Tire Group serves customers in 120 countries and offers a full spectrum of products, from basic entry-level tires to a broad range of superior quality value-added products.

All of the Group's tires are developed and tested at its advanced R&D centers.

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