

EXPERIENCE THE TITAN<sup>®</sup> DIFFERENCE





## TITAN MOVES THE WORLD OF AGRICULTURE

Titan has a heritage of more than 120 years in the off-highway wheel manufacturing business, tracing its roots back to the 1890 founding of Electric Wheel Company in Quincy, Ill. Today, Titan is the only company with the ability to design, test and produce both wheels and tires for the construction, agriculture, forestry and mining industries.



## AMERICAN-PRODUCED FOR THE AMERICAN GROWER

The Titan philosophy is to produce high-quality, high-value wheels and tires — by American workers for American growers. Titan keeps America working. Titan wheels and tires are produced by our 3,200 employees in five plants throughout the United States, including Des Moines, Iowa; Freeport, Ill.; Quincy, Ill.; Bryan, Ohio; and Saltville, Va.

# IN TOUCH WITH THE AMERICAN GROWER

Titan prides itself on being lean and nimble. We listen to the American grower and have the ability to quickly develop solutions to meet the real-world challenges that American growers face in the field every day. We call it solutions-based engineering. Here's just one example.



## TITAN ACCEPTS A CHALLENGE FROM AN IOWA GROWER

When **Mark Dimit** — an Iowa corn and soybean grower — approached the Titan booth at the Iowa Farming Power Show in 2010, he had just

finished a challenging planting season. He was experiencing flats and downtime almost every day on his standard I-1 highway service implement tires. He voiced his frustrations and challenged Titan to come up with a better solution.

## SOLUTIONS-BASED ENGINEERING

After the conversation, Scott Sloan — ag products manager at Titan Tire Corporation — went back to the plant and brainstormed with the Titan research and development team. What they came up with was unlike anything else in the industry. They took a standard implement tire design and added four additional body plies, replaced the traditional nylon belts with Kevlar® (the same material developed by Dupont® to resist bullets) and added specially formulated stubble-resistant compounding to the sidewall and treads. This is what came to be known as the Titan Stubble Guard.

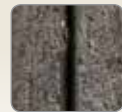
## FIELD-TESTED, FARMER-APPROVED

The next planting season, Mark Dimit agreed to test the new product. After planting 2,307 acres (more than the previous year), Dimit saw no flats, no downtime and no damage to the treads or sidewall of the tire — a stark contrast to the previous season.

### MARK DIMIT'S ORIGINAL TIRE

**2010**

**1,239 acres no-till soybeans**  
**900 acres tilled corn**  
**6 flats, damaged treads**



### TITAN STUBBLE GUARD

**2011**

**1,407 acres no-till soybeans**  
**900 acres tilled corn**  
**No flats, no damage to treads**



**Based on the impressive results of the field-testing, Titan officially launched the Stubble Guard tire in 2012.**

## GROWER-INFLUENCED PRODUCT DEVELOPMENT

The Titan Stubble Guard is just one example of the solutions-based engineering approach we have adopted at Titan. We listen to the American grower and develop quick-to-market, outside-the-box solutions to meet real-world challenges. Whatever the challenge, we get it done for the grower.

## FROM THE BOARDROOM TO THE CORN FIELDS

Maurice Taylor, CEO of Titan International, has made it his personal mission to visit growers across the country, listening to their feedback and swapping out their tires for new technologies that Titan is testing. Take it from Scott Petersen — a corn and soybean grower from Libertyville, Ill.

“We were having some problems maintaining traction and a smooth ride on the road with our old tires, and I had posted a comment on AgTalk.com about it. To my surprise, I got a response from Mr. Taylor with his personal email address. I emailed him, and he asked if he could come out to visit the farm. So, he did on the next Wednesday morning, and we talked about it in my shop. He thought I would be better off with some new tires that Titan was testing at the time, so he had one of his field techs swap them out, and we’ve been running them for three years without a single problem. I am very impressed.”

*“We put these tires on our tractor and it changed itself immensely. It was almost like having a new tractor.”*

**Scott Petersen**  
Libertyville, Ill.



# WE MAKE TIRES FOR THE WAY YOU FARM

Each farm is different, and Titan prides itself on offering a full-scale line to meet the diverse needs of American growers in various applications throughout the country.



## FROM RAW MATERIALS TO YOUR EQUIPMENT

Titan has the ability to utilize both natural and synthetic rubbers when building your tires. This helps offset costs associated with market fluctuation.



## LAB-TESTED FOR TOP QUALITY

Titan tests all rubber batches for quality verification prior to production.



## BIAS OR RADIAL — YOUR CHOICE

Titan has the ability to build both radial and bias-constructed, putting the choice in the hands of the grower.

## BIAS OR RADIAL — TITAN HAS YOU COVERED

We believe American growers like choices, which is why we offer a full line of both bias and radial tires. Radials undoubtedly come with greater performance and longevity, but that comes with an extra cost. If a grower has an old chore tractor that gets used a few times a year, we believe he should have the option of putting a bias tire on it.

## COMPLETE RANGE OF SIZES AND DESIGNS

Titan offers everything from ATV tires all the way up to 1,000-pound 1100/55R46 radial tractor tires, and everything in between.



### INNOVATIVE TREAD MOLDS

Titan offers a range of tread designs for various applications.



### TESTED AND INSPECTED FOR QUALITY

We inspect tires from every batch to ensure they meet the highest quality standards.



### TIRE AND WHEEL ASSEMBLIES

Titan is the only company with the ability to design, test and produce both wheels and tires for agricultural equipment.

## RADIAL REAR FARM TIRES

Whether you're most concerned about traction, load capacity or ground disturbance, Titan has a complete line of radial rear farm tires to meet your needs.



### Hi Power Lug Radial

Excellent tread wear that delivers power to the ground



### Hi Traction Lug Radial

Superior traction and slip resistance



### AG49M Radial

Wide base and section width for higher loads



### Torc Trac Radial

Flat, wide footprint minimizes ground disturbance

## BIAS REAR TRACTOR TIRES

Titan offers a very complete line of proven designs in bias options.



### Tru Power Bias

Large contact area to provide the best traction



### Lift Rigger II Bias

Great lateral stability and flotation



### Farm Tractor Bias

Open lug provides self-cleaning and traction benefits

## FRONT TRACTOR TIRES

Whether durability, handling or load capacity is what you're looking for, Titan has the perfect front tractor tire for you.



### Tru-Trac Bias

High center rib design and excellent durability



### Tru-Trac Multi Rib Bias

Handles heavy loads on hard-packed surfaces and offers excellent flotation

### METRIC SIZE CONVERSION

Conventional Size	Comparable Metric Size
14.9R28	380/85R28
14.9R30	380/85R30
14.9R34	380/85R34
14.9R46	380/90R46
16.9R28	420/85R28
16.9R30	420/90R30
(none)	420/80R46
18.4R34	480/85R34
18.4R38	480/80R38
18.4R42	480/80R42
18.4R46	480/80R46
20.8R38	520/85R38



## IRRIGATION TIRES

Titan is the number one name in irrigation tires, and Titan is the tire of choice for OEMs of irrigation equipment.



### **Irrigation Drive Bias**

Minimal soil compaction and excellent wear



### **Traction Drive Bias**

Designed for irrigation service

## IMPLEMENT TIRES

Whether ribbed or lugged, highway service or stubble guard, radial or bias, self-propelled or tow-behind, Titan has the implement tire to best suit your needs.



### **Stubble Guard**

Designed with Kevlar® to resist puncture damage in harsh stubble



### **Dura Life Bias**

Wide ribs offer good ground contact and excellent treadwear

## LIGHT CONSTRUCTION AND SPECIALTY TIRES

Titan doesn't stop with ag, and as a grower, your equipment purchases don't stop at the tractor. Titan has a complete line of light construction and specialty tires to meet your needs.

## SKID STEER

Titan is the brand of choice OEMs of skid steers. With designs that promote versatility in a variety of settings, Titan skid steer tires will ensure you can accomplish all the tasks around the farm without swapping the tires.



### **Ultimate Skid Steer**

Features up to twice the tread depth of conventional skid steer tires, resulting in superior traction and long life in a variety of applications.

## RECREATIONAL

Whether for your ATV, trailer or golf cart, Titan has the tire to keep your recreational equipment running strong.



### **Mud Monster ATV**

Aggressive tread design for muddy sites with rounded profile to maintain ease of steering



### **Sport Trax ST**

Radial design ensures long life for on- and off-highway use on utility trailers

# TITAN HAS YOUR BACK

## BOOTS ON THE GROUND, EYES ON THE GROWERS

In 2012, Mr. Taylor launched the Grizz Squad — a team of field service technicians that are deployed throughout the United States, meeting with American growers to help them improve their tire performance. Armed with sophisticated laser run-out equipment, the Grizz Squad measures radial uniformity of growers' tires to help diagnose and solve issues that, in many cases, dramatically improves ride quality and performance at no cost to the grower. The Grizz Squad also gets tire performance feedback from growers and takes that back to the Titan research and development team to improve future tire designs.



### SEE THE GRIZZ SQUAD IN ACTION ▼



Watch at [bit.ly/16uKs11](http://bit.ly/16uKs11) or scan with QR reader for video of the Grizz Squad solving road lope for a grower.

## STUBBLE DAMAGE SAFETY NET

All of the Titan radial farm tires feature the Titan stubble resistant compound. **Dr. Marty Morrow**, vice president of compounding and material development, and his talented team of compounders have been working to improve the stubble resistance of the Titan radial tires for the past 3 years. All Titan R-1, R-1W, R-2 and R-3 radial farm tires are protected with the stubble resistant compound and are covered under the Titan Stubble Damage Warranty.





## **SUPPORTING THE FUTURE FARMERS OF AMERICA**

For years, Titan has been supporting the Future Farmers of America (FFA) with donations. Every year, Titan donates tires that are auctioned off at the Farm Progress show and the Sunbelt Ag Expo, with all proceeds going to local FFA chapters. Titan also created an antique tractor restoration program for students that take on the challenging task of restoring antique tractors. In 2012 alone, Titan donated more than 1,000 tires to student FFA members and 264 tires valued at more than \$250,000 to local FFA auctions.



HOW TO ORDER ▼

**Titan orders:**

Call Titan Tire customer service at 1.800.USA-BEAR  
or contact your local Titan dealer.

[www.titan-intl.com](http://www.titan-intl.com)



1.800.USA-BEAR | [www.titan-intl.com](http://www.titan-intl.com)

**TOUGH. DURABLE. BUILT TO LAST.™**

American Engineered. American Manufactured. American Owned.  
© 2013 Titan International, Inc. TWI, Quincy, IL. All Rights Reserved.  
Goodyear is a registered trademark of The Goodyear Tire & Rubber Company.  
Materials and specifications are subject to change without notice.