



# TRACTOR TIRES



**Firestone**

F A R M T I R E S

THE LEADER IN THE FIELD



## TRACTOR TIRES WITH AD<sup>2</sup>™ TECHNOLOGY:

DESIGNED, ENGINEERED AND BUILT  
FOR TODAY'S AGRICULTURE.

Firestone tractor tires with Advanced Deflection Design (AD<sup>2</sup>) technology represent the “next generation” in performance and productivity – tires specifically designed for today’s larger, higher-horsepower tractors.

These advanced tires are engineered to carry the same load at a lower pressure – or as much as 20% (IF) to 40% (VF) more load at the same pressure – as our equivalent-sized standard radial tires.

AD<sup>2</sup> technology helps you get more work done in less time and with less soil compaction.\*



\*Compared to standard equivalent-sized Firestone radial tires.

# THE AD<sup>2</sup> ADVANTAGE:

## MORE LOAD, BIGGER FOOTPRINT, ADDED PERFORMANCE.

- **More load capacity** – Firestone tires with AD<sup>2</sup> technology can carry the same load at a lower inflation pressure – or up to 20% (IF) and 40% (VF) more load at the same pressure.\*

- **Reduced soil compaction** – increased deflection may result in a larger footprint and weight distribution.
- **Improved traction** – AD<sup>2</sup> technology means less time in the field and reduced fuel consumption.\*
- **Improved ride** – a benefit of increased sidewall deflection.
- **Rated up to 40 mph.**

Tire Size	Material Number	Load Index	Speed Symbol Rating	Design Rim Width (in.)	Overall Width (in.)
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### TUBELESS

#### RADIAL DEEP TREAD 23° – R-1W

IF1250/50R32CFO	380-446	201	D	44.00	50.60
IF800/70R38	378-746	179	B	27.00	31.70
IF800/70R38CFO	000-928	184	B	27.00	33.20
IF520/85R42CFO	000-921	169	B	18.00	22.40
IF850/75R42	376-162	186	B	30.00	34.20
IF520/85R46	378-610	165	B	18.00	20.90
IF480/80R50	374-496	166	B	15.00	19.10
IF480/95R50	375-635	165	B	15.00	19.90

#### RADIAL ALL TRACTION DT – R-1W

VF750/65R26	000-556	177	B	25.00	30.30
IF600/70R30	375-703	159	B	20.00	24.40
IF620/75R30	377-539	164	D	21.00	24.60
IF420/85R34	374-513	152	B	14.00	16.30
IF580/80R34	381-585	172	B	20.00	23.50
IF380/80R38	378-627	149	B	12.00	15.30
IF420/85R38	378-882	153	B	14.00	16.70
IF710/70R38	378-219	178	B	25.00	29.60
IF710/70R42	373-697	179	B	25.00	29.40
IF710/75R42	378-542	181	B	25.00	30.50

#### RADIAL 9100 – R-1

IF380/105R50	378-508	177	B	13.00	17.00
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#### RADIAL ALL TRACTION 23° – R-1

IF900/60R32CFO	000-903	182	B	30.00	36.80
IF520/85R34	380-395	168	B	18.00	21.30
IF520/85R42CFO	000-560	169	B	18.00	22.00
IF420/80R46	000-558	167	B	13.00	15.80

Overall Diameter (in.)	Static Loaded Radius (in.)	Rolling Circum. (in.)	Bar Height 32nds	Bar Height (in.)	Flat Plate (sq. in.)	Max. Load & Inflation (lbs. @ psi)
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### TUBELESS

#### RADIAL DEEP TREAD 23° – R-1W

82.50	34.90	240	74	2.30	1086	32000 @ 46
80.20	34.40	243	74	2.30	686	17100 @ 23
80.20	36.60	243	74	2.30	687	19800 @ 35
76.30	34.40	228	69	2.17	452	12800 @ 35
91.70	39.50	272	78	2.43	840	20900 @ 23
80.80	35.50	242	69	2.17	562	11400 @ 23
80.60	36.80	243	63	1.96	431	11700 @ 35
85.90	38.10	258	65	2.05	465	11400 @ 23

#### RADIAL ALL TRACTION DT – R-1W

64.00	27.40	190	67	2.09	534	16100 @ 35
62.60	27.20	187	64	2.02	425	9650 @ 29
66.60	28.40	198	67	2.10	403	11000 @ 23
62.40	28.00	187	59	1.84	283	7850 @ 35
70.00	31.20	209	73	2.30	415	13900 @ 41
62.80	28.80	187	57	1.78	230	6950 @ 35
66.10	29.70	198	59	1.83	297	8050 @ 29
76.20	33.60	227	74	2.30	580	16500 @ 35
80.20	35.30	240	74	2.30	590	17100 @ 35
84.40	37.40	253	77	2.40	672	18200 @ 35

#### RADIAL 9100 – R-1

80.80	37.00	244	49	1.54	345	16100 @ 70
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#### RADIAL ALL TRACTION 23° – R-1

74.60	32.90	226	61	1.90	625	18700 @ 35
69.00	30.00	202	52	1.61	336	12300 @ 41
76.50	34.40	228	52	1.61	430	12800 @ 35
72.26	33.20	218	49	1.51	303	12000 @ 58

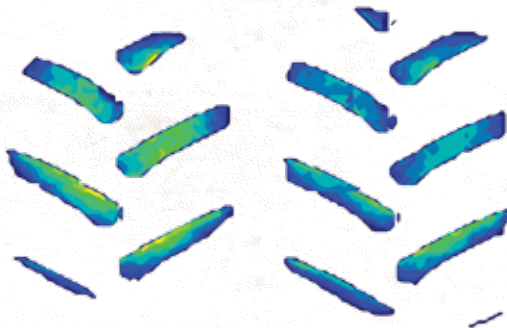
\*Compared to standard equivalent-sized Firestone radial tires.



## MORE LOAD, LESS TIME IN THE FIELD, GREATER FUEL SAVINGS.\*

AD<sub>2</sub> technology is part of a new class of farm tires that can help improve the productivity of today's higher-horsepower tractors. AD<sub>2</sub> technology helps transfer the horsepower to the ground and helps carry the additional load.

### -- TEKSCAN FOOTPRINT COMPARISON --



**STANDARD RADIAL**  
480/80R50 Radial Deep Tread 23"  
9650 lbs. @ 35 psi

**IF RADIAL**  
IF480/80R50 Radial Deep Tread 23"  
9650 lbs. @ 23 psi

IF tractor tires can carry more load at a lower pressure than standard equivalent-sized radial tractor tires. Lower pressure gives these tires a larger footprint and helps reduce soil compaction.

## WE PUT MORE INTO OUR TIRES SO YOU GET MORE OUT OF THEM.

Firestone tractor tires with AD<sub>2</sub> technology deliver the performance you want with the service and warranty you need. Visit your Certified Firestone Farm Tire Dealer and see for yourself.

- **Proven Firestone tire tread bar design options.**
- **The Certified Firestone Farm Tire Dealer** – specially trained and equipped to handle your in-field service needs.
- **The Firestone Farm Tire Warranty** – one of the best warranties in the farm tire business.
- **Extensive testing for durability and performance** at the Firestone Farm Tire Test Center in Columbiana, Ohio – the only farm tire test facility of its kind in the world.
- **Made in the U.S.A.** – Des Moines, Iowa.



\*Compared to standard equivalent-sized Firestone radial tires.



# WARRANTY

## RADIAL TIRES

**LIMITED WARRANTY/ STUBBLE DAMAGE POLICY/  
FIELD HAZARD POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES



### TIRES COVERED

This Limited Warranty covers original-tread Firestone brand radial agricultural tires purchased or manufactured after January 1, 2009, (except tires made for or used in pulling contests) if they are used in normal agricultural service. It does not cover tires marked "NO ADJ" or "NA" (non-adjustable), or tires not containing the Firestone serial number. Tires branded DT (damaged tire) are not adjustable for appearance. Tires are adjustable for ride-related conditions only during the first six months of service and up to 1/32nd of an inch of treadwear.

### WHAT IS WARRANTED

If, before wearing down to 2/32nds of an inch of tread or bar depth remaining, any tire covered by this Limited Warranty becomes unusable for any reason within the manufacturer's control, such tire will be replaced with an equivalent new Firestone tire on the basis set forth in the section titled "Limited Warranty Period and Pro Rata Percentages" on the following page. Some examples of causes or conditions normally beyond the manufacturer's control are:

1. Field or road hazards or stubble damage (e.g. cut, snag, puncture, stubble damage, impact break, tear or chunk in tread, bar or shoulder);
2. Apparent overload or improper inflation pressure or abuse;
3. Wheel misalignment, rim slip, tire/wheel assembly imbalance, mismatching of adjacent tires, or other vehicle conditions, defects or characteristics;

**LIMITED WARRANTY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

4. Conditions caused by land-leveling or earthmoving operations;
5. Improper repair or improper insertion of sealant, balancing, or filler materials;
6. Intentional alteration of either the appearance or the physical characteristics of the tire;
7. Mounting damage or conditions caused by aging or improper storage; and
8. Failure to observe any of the "Owner-User's Obligations" items listed elsewhere in this publication.

This Limited Warranty is in addition to, and/or may be limited by, any other applicable written warranty you may have received concerning special tires or situations.

**LIMITED WARRANTY PERIOD AND PRO RATA PERCENTAGES**

During the first two years of service (proof-of-purchase must be attached to claim form), if the tire is worn less than 25%, the tire will be replaced without charge including normal mounting and service charges.

After the free replacement period, the replacement price will be prorated based on years of service from the original purchase date (proof-of-purchase must be attached to claim form, or if proof-of-purchase is not available or if tire was not purchased new, then based on years from date of manufacture, which is molded into the sidewall of the tire) as set forth on the following page.

**LIMITED WARRANTY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

<b>Years of Service or Age During</b>	<b>If Worn Less Than</b>	<b>Pro Rata Collection</b>
3rd Year	30%	30%
4th Year	40%	40%
5th Year	50%	50%
6th Year	60%	60%
7th Year	70%	70%
8th Year	80%	80%
9th Year	90%	90%

After the end of the 9th Year, coverage expires. 100%

To determine the replacement price, the appropriate pro rata percentage is multiplied by the Firestone owner-user's regular buying price. Appropriate taxes, mounting, or other service charges will be added to the replacement price.

**CONDITIONS AND EXCLUSIONS**

To the extent permitted by law, Bridgestone Americas Tire Operations, LLC disclaims all warranties express or implied other than the warranties stated in this Limited Warranty, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

TO THE EXTENT PERMITTED BY LAW, BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL AND PUNITIVE DAMAGES, LOSS OF TIME OR PROFITS, LOSS OF VEHICLE USE, OR INCONVENIENCE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

**LIMITED WARRANTY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

Only the actual owner-user of the covered tires may make an adjustment claim under this Limited Warranty and Commercial Adjustment Policy and only for tires used in the 50 United States and the District of Columbia.

Nothing in this Limited Warranty is intended to be a representation that failures cannot occur.

**OWNER-USER'S OBLIGATIONS**

Proper tire care is necessary to obtain maximum hours of usage and wear.

The owner-user's obligations are to operate tires within tire load and speed limits (at cold air pressures specified by Bridgestone Americas Tire Operations, LLC for load and speed according to individual tire size, type, and load capacity) and to maintain proper alignment of wheels.

In case of an adjustment claim, the owner-user must present the tire to an authorized Firestone dealer or store, complete and sign the customer section of the adjustment claim form, attach to the claim form a copy of the proof-of-purchase showing the date the tire was purchased new or proof-of-purchase of the new agricultural equipment that the tire came on, and pay the appropriate replacement price, taxes and service charges for a new, current equivalent Firestone brand tire.

**STUBBLE DAMAGE POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

The obligation of Bridgestone Americas Tire Operations, LLC under this Limited Warranty and Commercial Adjustment Policy may not be enlarged or altered by anyone.

**STUBBLE DAMAGE POLICY**

**TIRES COVERED**

The Firestone Stubble Damage Policy covers new Firestone brand R-1, R-1W, R-2, R-3 and "Stubble Stomper" tires purchased new or manufactured after January 1, 2009, and used in normal agricultural service. This Stubble Damage Policy does not cover tires marked "NO ADJ" or "NA" (non-adjustable), tires made for or used in pulling contests, or tires not bearing the Firestone serial number.

**POLICY CONDITIONS**

Only the original purchaser of the covered tire or of the agricultural equipment the tire came on may make an adjustment claim under this Stubble Damage Policy. If, in normal agricultural service, a Firestone tire covered by this Stubble Damage Policy becomes unusable or not repairable due to stubble damage, such tire will be replaced with an equivalent new Firestone tire on a pro rata basis as set forth on the following page. You must pay as a replacement price the appropriate pro rata percentage of the owner-user's regular buying price. You must also pay mounting, service charges, and applicable taxes.

This Stubble Damage Policy is a statement of adjustment policy coverage only. Nothing in this Stubble Damage Policy is intended to be a warranty against stubble damage or representation that failures cannot occur.

**STUBBLE DAMAGE POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

Bridgestone Americas Tire Operations, LLC disclaims all warranties, express or implied, in respect of stubble damage, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

**STUBBLE DAMAGE POLICY AND PRO RATA PERCENTAGES**

The replacement price will be prorated based on years of service based on proof-of-purchase date as follows:

<b>Years of Service or Age During</b>	<b>If Worn Less Than</b>	<b>Pro Rata Collection</b>
1st Year	25%	25%
2nd Year	50%	50%
3rd Year	75%	75%

After the end of the 3rd Year, coverage expires. 100%

To determine the replacement price, the appropriate pro rata percentage is multiplied by the owner-user's regular buying price. Appropriate taxes, mounting, or other service charges will be added to the replacement price.

**POLICY EXCLUSIONS**

TO THE EXTENT PERMITTED BY LAW, BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL AND PUNITIVE DAMAGES, LOSS OF TIME OR PROFITS, LOSS OF VEHICLE USE, OR INCONVENIENCE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

**STUBBLE DAMAGE POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

This Stubble Damage Policy does not cover broken beads, damage due to run flat, abuse, land leveling, vehicle projection, accident, collision, fire or vandalism. Only the original owner-user of the covered tires may make an adjustment claim under this Stubble Damage Policy and only for tires used in the 50 United States and the District of Columbia.

**OWNER-USER'S OBLIGATIONS**

The owner-user's obligations are to operate tires within tire load and speed limits (at cold air pressures specified by Bridgestone Americas Tire Operations, LLC for load and speed according to individual tire size, type, and load capacity) and to maintain proper alignment of wheels. To reduce stubble damage, the owner-user must:

1. Set the tire spacing to run between rows – not on stubble.
2. Use mechanical devices readily available through equipment manufacturers to knock down stubble.
3. Make first tillage pass parallel to the rows.

In case of an adjustment claim, the owner-user must present the tire to an authorized Firestone dealer or store, complete and sign the customer section of the adjustment claim form, attach to the claim form a copy of the proof-of-purchase showing the date the tire was purchased new, or proof-of-purchase of the new



**FIELD HAZARD POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

agricultural equipment that the tire came on, and pay the appropriate replacement price, taxes, mounting and service charges for a new, current equivalent Firestone brand tire.

The obligation of Bridgestone Americas Tire Operations, LLC under this Stubble Damage Policy may not be enlarged or altered by anyone.

**FIELD HAZARD POLICY**  
**TIRES COVERED**

The Firestone Field Hazard Policy covers new Firestone brand R-1, R-1W, R-2, R-3 and "Stubble Stomper" tires purchased new or manufactured after January 1, 2009, and used in normal agricultural service. This Field Hazard Policy does not cover tires marked "NO ADJ" or "NA" (non-adjustable), tires made for or used in pulling contests, or tires not bearing the Firestone serial number.

**POLICY CONDITIONS**

Only the original purchaser of the covered tire or of the agricultural equipment the tire came on may make an adjustment claim under this Field Hazard Policy. If, in normal agricultural service, a Firestone tire covered by this Field Hazard Policy becomes unusable or not repairable due to field hazard, such tire will be replaced with an equivalent new Firestone tire on a pro rata basis as set forth on the following page. You must pay as a replacement price the appropriate pro rata percentage of the owner-user's regular buying price. You must also pay mounting, service charges, and applicable taxes.

**FIELD HAZARD POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

This Field Hazard Policy is a statement of adjustment policy coverage only. Nothing in this Field Hazard Policy is intended to be a warranty against field hazards or representation that failures cannot occur. Bridgestone Americas Tire Operations, LLC disclaims all warranties, express or implied, in respect of field hazards, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

**FIELD HAZARD POLICY AND PRO RATA PERCENTAGES**

The replacement price will be prorated based on years of service based on proof-of-purchase date as follows:

<b>Years of Service or Age During</b>	<b>If Worn Less Than</b>	<b>Pro Rata Collection</b>
1st Year	25%	50%
2nd Year	50%	75%

After the end of the 2nd Year, coverage expires. 100%

To determine the replacement price, the appropriate pro rata percentage is multiplied by the owner-user's regular buying price. Appropriate taxes, mounting, or other service charges will be added to the replacement price.

**POLICY EXCLUSIONS**

TO THE EXTENT PERMITTED BY LAW, BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL AND PUNITIVE DAMAGES, LOSS OF TIME OR PROFITS, LOSS OF VEHICLE USE, OR INCONVENIENCE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

**FIELD HAZARD POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

This Field Hazard Policy does not cover broken beads, damage due to run flat, abuse, land leveling, vehicle projection, accident, collision, fire or vandalism. Only the original owner-user of the covered tires may make an adjustment claim under this Field Hazard Policy and only for tires used in the 50 United States and the District of Columbia.

**OWNER-USER'S OBLIGATIONS**

The owner-user's obligations are to operate tires within tire load and speed limits (at cold air pressures specified by Bridgestone Americas Tire Operations, LLC for load and speed according to individual tire size, type, and load capacity) and to maintain proper alignment of wheels.

In case of an adjustment claim, the owner-user must present the tire to an authorized Firestone dealer or store, complete and sign the customer section of the adjustment claim form, attach to the claim form a copy of the proof-of-purchase showing the date the tire was purchased new, or proof-of-purchase of the new agricultural equipment that the tire came on, and pay the appropriate replacement price, taxes, mounting and service charges for a new, current equivalent Firestone brand tire.

**FIELD HAZARD POLICY**  
FOR FIRESTONE TRACTOR AGRICULTURAL TIRES

The obligation of Bridgestone Americas Tire Operations, LLC under this Field Hazard Policy may not be enlarged or altered by anyone.

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**PERFORMANCE REMINDER**

Overloading and incorrect air pressure are two of the greatest causes of premature tire removal. For the best performance possible, select the proper design, size and ply-rated tires for your equipment and operate the tires at the inflation pressure required to carry the working load. Detailed load and inflation tables are included in the Firestone Farm Tire Data Book and at FirestoneAg.com.

**PROPER TIRE SIZES**

Tire sizes and ratings are dictated by vehicle geometry, weight and power. Before changing tire sizes, be sure to check with the equipment manufacturer or dealer. Tire measurements and load-carrying capacities for all Firestone agricultural tires are shown in the Firestone Farm Tire Data Book and at FirestoneAg.com. These measurements are especially important when matching front and rear sizes.

Have a technical question? Contact Field Engineering:

**1-800-TIRE ENG (847-3364)**

Need additional information?

**FirestoneAg.com**

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**Notes:**



[FirestoneAg.com](http://FirestoneAg.com)

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