



SPRAYER TIRES



Firestone

F A R M T I R E S

THE LEADER IN THE FIELD



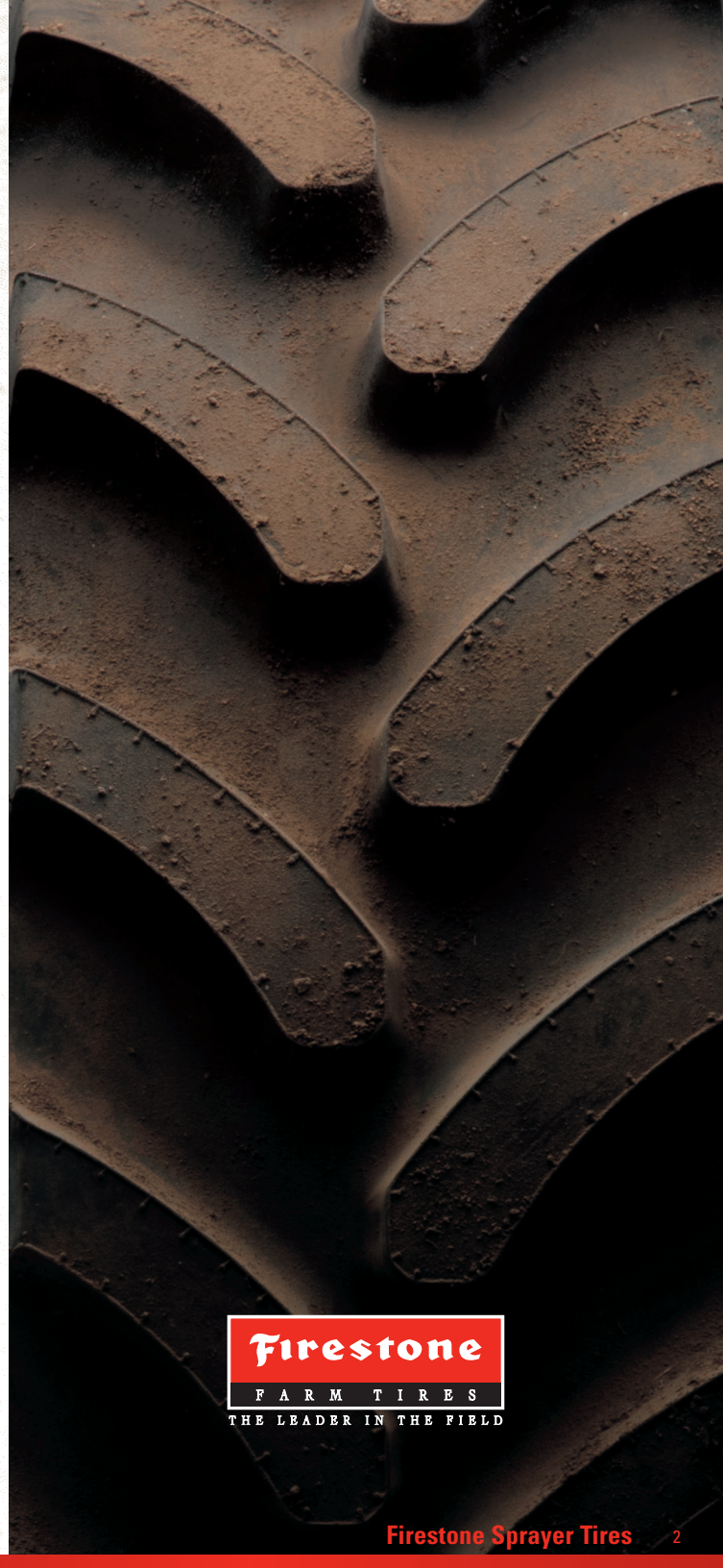
SPRAYER TIRES WITH AD2™ TECHNOLOGY:

DESIGNED, ENGINEERED AND BUILT
FOR TODAY'S AGRICULTURE.

Firestone sprayer tires with Advanced Deflection Design (AD2) technology are engineered to deliver a new level of performance and productivity for high-volume equipment.

Available in both IF and VF designations, Firestone sprayer tires with AD2 technology are engineered to carry more load at a lower pressure than conventional radial sprayer tires. They also feature an application-specific tread design that includes wider bars for less compaction, a curved design for a smoother ride and deeper R-1W tread bars for longer wear.

Along with added performance in the field, they are rated for faster speeds on the road. That means the Firestone AD2 sprayer tires can help you get more done in less time than standard sprayer tires.





TIRES SPECIFICALLY DESIGNED FOR HIGH-CLEARANCE, HIGH-VOLUME SPRAYERS.

Firestone sprayer tires with AD2 technology were designed from the ground up to meet the unique needs of crop protection and fertilizer applicators. Our sprayer-specific tire and tread design deliver added performance benefits compared to equivalent-sized standard radial tires:

- **IF- and VF-designated tires can carry more load (up to 20% and 40% respectively) at the same pressure,* or**
- **They can carry the same load at a lower pressure***

RADIAL ALL TRACTION RC – R-1W

Tire Size	Material Number	Load Index	Speed Symbol Rating	Design Rim Width (in.)	Overall Width (in.)	Overall Diameter (in.)
TUBELESS						
IF380/90R46	000-629	168	D	13.00	15.70	73.30
VF380/90R46	380-412	173	D	13.00	15.70	73.30
IF380/105R50	000-905	177	D	13.00	15.90	80.70
VF380/105R50	380-429	179	D	13.00	16.20	80.70

- **Wider tread bars for improved distribution of ground pressure from the bar face**
- **Curved bar design for a smoother ride**
- **Reduced soil compaction**
- **Improved traction**
- **Rated up to 40 mph**
- **20% deeper R-1W tread bars for longer wear and added performance in wet soils**

Static Loaded Radius (in.)	Rolling Circum. (in.)	Bar Height 32nds	Bar Height (in.)	Flat Plate (sq. in.)	Max. Load & Inflation (lbs. @ psi)
TUBELESS					
33.70	220	57	1.79	273	12300 @ 64
33.40	220	57	1.79	303	14300 @ 64
37.30	244	59	1.84	327	16100 @ 70
37.30	244	59	1.84	327	17100 @ 64

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



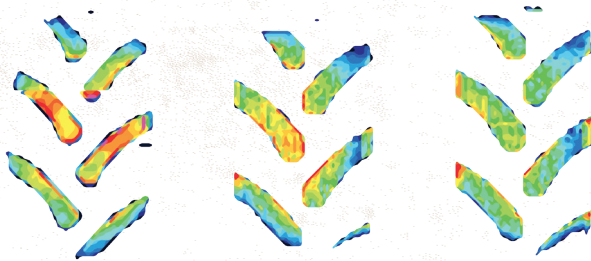


THE AD2 ADVANTAGE:

MORE LOAD, BIGGER FOOTPRINT,
ADDED PERFORMANCE.

Firestone sprayer tires with AD2 technology are available in both IF and VF designations – both offer superior performance compared to our standard radial tires. AD2 is a new class of farm tires that helps improve the productivity of today's self-propelled sprayers.

-- TEKSCAN FOOTPRINT COMPARISON --



STANDARD RADIAL

380/90R46 Radial 9000
10500 lbs. @ 64 psi

IF RADIAL

1F380/90R46 Radial All Traction RC
12300 lbs. @ 64 psi

VF RADIAL

VF380/90R46 Radial All Traction RC
12300 lbs. @ 49 psi

Both IF and VF sprayer tires can carry more load at a lower pressure than standard equivalent-sized radial sprayer 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 sprayer tires with AD2 technology deliver the productivity you want with the service and warranty you need. Visit your Certified Firestone Farm Tire Dealer and see for yourself.

- **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.





WARRANTY

SPRAYER TIRES

**LIMITED WARRANTY/ STUBBLE DAMAGE POLICY/
FIELD HAZARD POLICY**
FOR FIRESTONE SPRAYER 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;

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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.

Years of Service or Age During	If Worn Less Than	Pro Rata Collection
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 SPRAYER 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 SPRAYER 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 SPRAYER 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:

Years of Service or Age During	If Worn Less Than	Pro Rata Collection
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 SPRAYER 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

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.

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:

Years of Service or Age During	If Worn Less Than	Pro Rata Collection
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.

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.

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

Notes:



FirestoneAg.com

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