YOKOHAMA
Off-Highway Tires

ALLIANCE AgriFLEX TIRE TECHNOLOGY

AGRIFLEX FAMILY

PREMIUM IF & VF TIRES FOR EVERY MACHINE ON THE FARM

ALLIANCE
ENGINEERED TO KEEP YOU AHEAD

THE LARGEST SELECTION OF VF TIRES IN THE INDUSTRY

AND THE WORLD'S ONLY VF FLOTATION LINE

VF tires are constructed with sidewalls that enable them to bear heavier loads and operate at lower inflation pressures than traditional radial tires. In fact, VF tires, like our Alliance AgriFlex+ range, can carry up to 40% more load than a conventional radial tire at the same inflation pressure or operate at up to 40% lower air pressure under the same load.

VF tires offer quantifiable improvements on the farm. For example, the ability to carry heavier loads can cut down significantly on fuel use and reduce machine hours, while the ability to operate at lower inflation pressures allows tires to produce larger footprints, which can improve traction and reduce soil compaction. The best part is, you can choose which benefit works best for your operation.

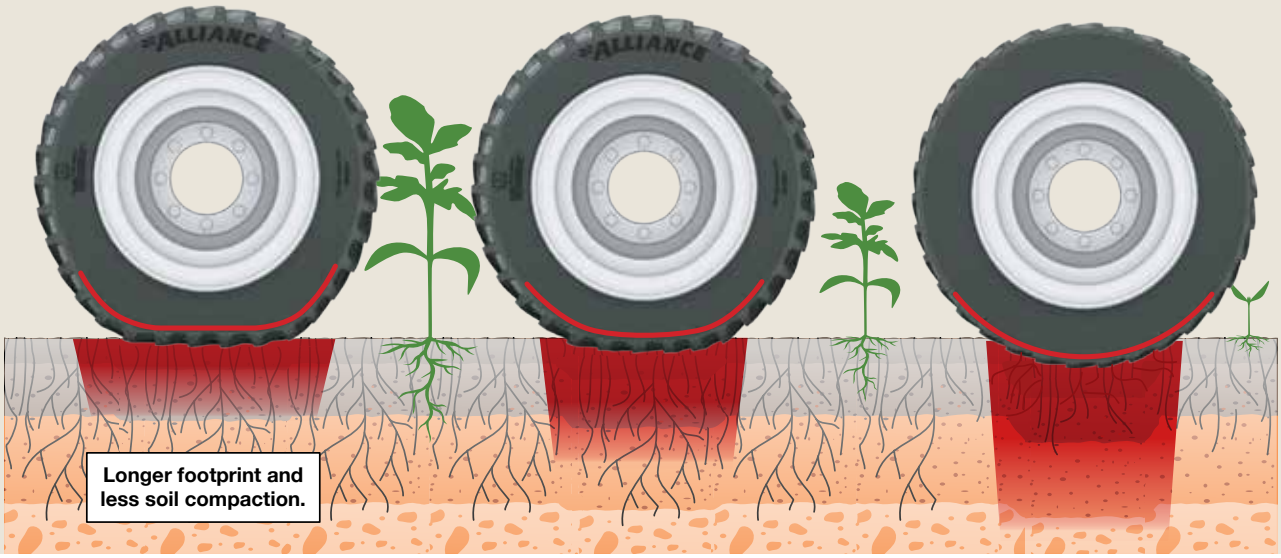
THE ALLIANCE AGRIFLEX WHOLE-FARM CONCEPT

Why reduce compaction with VF tires on your tractor, just to cause it with standard tires on your grain cart? Yokohama OHT is the only company offering a complete line of IF/VF tires for every machine on the farm. From Tractors and Sprayers to Combines and towed implements, you can take advantage of Agriflex technology to consistently increase the productivity and efficiency of your operation by reducing soil compaction, fuel consumption and total cost of ownership.

AGRIFLEX+
Very High Sidewall Flexion

AGRIFLEX
Increased Sidewall Flexion

Standard Radial
Standard Sidewall Flexion



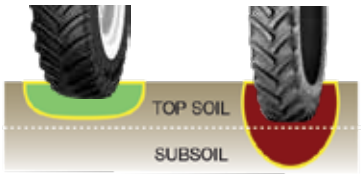
AGRIFLEX+ 354 STEEL BELTED R-1W

OEM FITMENT

The Alliance Agriflex+ 354 has state-of-the-art materials and the steel-belted construction allow VF (Very High Flexion) and IF (Increased Flexion) radial tractor tires to deliver outstanding performance in any conditions. VF tires carry 40% more load on the same inflation pressure as conventional radials, or require 40% less inflation pressure for the same load, to reduce soil compaction. IF tires carry 20% more load on the same inflation pressure as conventional radials, or require 20% less inflation pressure for the same load. (TUBELESS - STEEL BELTED - STUBBLE GUARD)

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
35410005	VF 380/85R30	14.9R30	146D		TL	59	DW13	55.6	15.5	163.9	24.6	6610	29	40
35400105	VF 420/90R30		153D		TL	62	DW13	59.8	17.7	176.6	26.3	8040	29	40
35400224	VF 320/85R32		139D		TL	56	W11	53.4	12.6	158.1	24.2	7490	23	40
35400028	VF 320/85R34		143D		TL	56	W11	55.7	12.8	166.0	25.3	8410	29	40
35400009	VF 380/85R34	14.9R34	149D		TL	59	DW13	60.0	15.6	177.3	26.7	7160	29	40
35450109	VF 420/85R34		159D		TL	60	DW14L	62.0	16.4	183.5	27.7	9640	35	40
35400017	VF 480/70R34		160D		TL	59	DW16L	62.2	19.5	185.8	28.1	9910	44	40
35400031	VF 320/85R38		155D		TL	56	W11	59.3	12.6	178.1	27.3	8540	52	40
35400002	VF 380/80R38	14.9R38	154D		TL	59	DW13	62.6	15.0	185.4	28.5	8260	35	40
35450004	VF 380/95R38		159D		TL	60	DW13	66.4	15.4	196.7	29.9	9640	35	40
35400018	VF 480/80R42	18.4R42	162D		TL	66	DW16	72.8	19.3	216.1	32.5	10460	29	40
35450046	VF 320/90R46		160D		TL	56	DW10	68.7	12.4	208.3	31.9	9910	52	40
35400053	VF 320/105R46		172D		TL	59	DW11	72.4	12.8	219.8	33.5	13880	70	40
35400016	VF 380/90R46	14.9R46	173D		TL	61	DW13	73.0	15.4	220.3	33.9	14320	64	40
35400062	VF 480/80R46	18.4R46	164D		TL	66	DW16	76.7	19.3	228.6	34.5	11010	29	40
35400033	VF 520/85R46	20.8R46	170D		TL	67	DW18	80.8	20.9	236.7	36.1	13220	23	40
35400050	VF 340/85R48		164D		TL	56	DW12	71.2	13.5	216.1	33.1	11010	58	40
35400047	VF 320/105R50		158D		TL	59	DW11	76.3	12.7	229.8	35.2	8990	40	40
35400133	VF 320/90R50	12.4R50	166D		TL	56	W11	72.8	12.6	221.3	34.0	11700	64	40
35400023	VF 380/90R50		175D		TL	59	W13B	77.0	15.2	230.6	35.4	15200	64	40
35400090	VF 380/105R50		179D		TL	60	DW13	80.8	15.6	243.1	37.0	17070	64	40
35400180	VF 420/95R50		177D		TL	60	DW14	80.8	16.7	241.4	36.7	16090	52	40
35400021	VF 480/80R50	18.4R50	179D		TL	66	DW16	80.7	19.1	240.7	38.7	17100	52	40
35400027	VF 480/95R50		176D		TL	66	DW16	86.1	19.1	257.9	38.7	15640	35	40
35400006	IF 230/115R54		151D		TL	58	W8	76.7	10.1	233.5	35.9	7600	46	40
35400041	IF 270/105R54		158D		TL	58	W10	76.6	11.0	234.2	36.1	9360	58	40
35400036	VF 320/90R54	12.4R54	168D		TL	36	DW11	76.8	12.6	234.0	35.9	12350	64	40
35400056	VF 320/105R54		172D		TL	59	DW11	80.3	12.8	244.6	37.4	13880	64	40
35400029	VF 380/90R54		176D		TL	59	DW13	80.7	15.1	244.1	37.4	15640	64	40
35400205	IF 380/105R54		180D		TL	60	DW13	85.2	15.6	257.2	39.4	17620	75	40

MINIMIZE SOIL COMPACTION



VF Tire Standard Radial Tire

STEEL BELTED

- Provides a larger more uniform footprint than traditional belts
- Enhanced puncture protection
- Offers more uniform dissapation of heat

MULTI-ANGLED TREAD DESIGN

Directional tread design provides high traction and good steering

- Low rolling resistance
- Superior self-cleaning
- 37° bar for maximum versitility

AGRIFLEX+ 372 CFO STEEL BELTED R-1W

OEM FITMENT

The Alliance Agriflex+ 372 has state-of-the-art materials and steel-belted construction allowing our IF/VF radial tires to deliver outstanding performance. VF tires carry up to 40% more load at the same inflation pressure as conventional radials, or require 40% lower inflation pressure for the same load, reducing soil compaction. IF tires carry up to 20% more load at the same inflation pressure as conventional radials, or require 20% lower inflation pressure for the same load. Stronger carcass designed for cyclic service and intended for use on minimal torque applications such as combines, harvesters and grain carts (up to 1 mile). (TUBELESS - STEEL BELTED - STUBBLE GUARD)

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
37250024	VF 520/80R26 CFO		168A8		TL	57	DW16L	57.7	19.9	1707.0	24.7	12330	41	25
37200080	VF 620/70R26		170D		TL	57	DW21B	58.5	24.6	172.7	25.4	13220	35	40
37250001	VF 750/65R26		177B		TL	71	DW25B	64.4	29.7	187.2	27.5	16080	35	40
37200008	VF 420/85R28 CFO		151D		TL	58	DW15	56.6	17.6	167.5	24.7	7600	23	40
37200048	VF 600/60R28		146D		TL	62	DW20B	61.4	24.6	163.7	26.8	14320	41	40
37200052	IF 600/65R28 CFO		160D		TL	57	DW21B	58.5	23.9	176.4	26.2	9900	35	40
37200096	VF 600/70R28 CFO		173D		TL	71	DW21B	61.4	24.6	179.9	26.8	14300	41	40
37200054	VF 600/60R30		147D		TL	63	DW20B	58.7	23.2	170.0	25.6	6770	15	40
37200105	VF 600/70R30 CFO		170D		TL	70	DW21B	63.0	24.6	187.8	28.0	13200	35	40
37200063	IF 620/75R30 CFO		164D		TL	73	DW23B	65.9	25.6	191.1	28.9	11020	23	40
37200126	VF 650/75R30 CFO		172D		TL	74	DW20B	67.7	26.0	194.6	28.9	13900	23	40
37250002	VF 710/55R30		165D		TL	63	DW25B	60.8	28.8	187.2	26.6	19270	23	40
37250003	VF 710/60R30		171D		TL	68	DW25B	63.6	28.0	186.8	27.4	13550	29	40
37200136	VF 800/65R32 CFO	30.5LR32	184D		TL	73	DW27B	72.6	30.5	213.2	31.7	19840	35	40
37200104	IF 800/70R32 CFO		182A8		TL	74	DW27B	76.1	30.9	224.6	33.7	18700	35	25
37200103	IF 900/60R32 CFO	35.LR32	193D		TL	73	DW30B	74.4	34.8	222.4	33.3	22000	46	40
37200150	IF 1250/50R32 CFO		201B		TL	76	DH44B	81.9	49.2	244.5	35.6	22480	46	30
37250004	VF 600/70R34		167D		TL	71	DW21B	67.1	24.6	196.1	26.5	19270	23	40
37200097	IF 650/65R34		161D		TL	73	DW23	67.7	25.6	198.1	30.3	10200	23	40
37250032	VF 520/85R38		170D		TL	69	DW16L	72.8	20.9	215.9	31.8	13220	29	40
37250052	VF 600/65R38		163D		TL	57	DW21B	58.5	23.9	172.5	25.6	10740	29	40
37200130	VF 710/60R38		160D		TL	68	DW25B	71.5	28.0	209.2	31.6	9910	28	40
37200141	VF 710/70R38 CFO		178D		TL	77	DW25B	77.1	28.3	225.1	33.2	16540	23	40
37250093	VF 710/85R38		183D		TL	84	DW25B	85.2	28.7	249.2	36.7	19270	23	40
37200118	IF 800/70R38 CFO		187A8		TL	79	DW27	81.9	32.3	240.2	36.5	21500	41	25
37250106	VF 900/60R38 CFO NRO		155D		TL	79	DW30B	80.1	35.0	234.8	34.5	21480	29	25
37200035	IF 520/85R42	20.8R42	169D		TL	70	DW16L	77.0	21.3	230.9	34.6	12780	35	40
37200036	VF 520/85R42 CFO		177A8		TL	69	DW16L	77.0	21.3	228.6	34.4	16100	41	25
37200044	VF 580/85R42		183D		TL	71	DW20B	80.3	23.4	238.3	35.8	19270	41	40
37200068	VF 620/70R42		172D		TL	68	DW21B	76.2	24.4	225.0	33.4	13880	23	40
37200133	VF 710/60R42		161D		TL	68	DW25B	75.7	28.0	224.0	33.5	10190	15	40
37200095	VF 710/70R42 CFO		185D		TL	79	DW25B	81.2	29.3	239.9	36.4	20390	35	40
37200180	VF 710/75R42 CFO		181D		TL	79	DW25B	84.8	28.5	247.2	37.0	18190	23	40

AGRIFLEX+ 377 VF R1

OEM FITMENT

The Alliance Agriflex +377 is the latest addition to Alliance's engineered series of Agriflex tires. It has been designed to fulfil the needs of spreaders, sprayers, combine harvesters and grain carts. Its ability to carry 40% more load at the same amount of pressure makes it well equipped to move the additional weight of fertilizers and herbicides with minimum soil compaction.

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
37750003	1000/50R25		184D		TL	58	36	64.8	40.6	194.8	27.7	19820	35	40
37750004	750/50R26		169D		TL	50	DW25B	55.6	29.7	167.2	24.1	12780	35	40
37750142	1050/50R32		198D		TL	58	36VA	73.3	41.7	222.4	32.3	29070	52	40

AGRIFLEX+ 377

A HEAVY DUTY PERFORMER FOR HEAVY DUTY TASKS

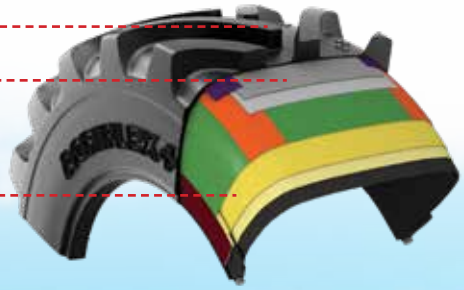
The Agriflex+ 377 is the latest addition to Alliance's series of engineered VF tires. It is specifically designed to maximize the performance of spreaders, sprayers, combine harvesters and grain carts. Its ability to carry 40% more load than standard radials at the same pressure makes it better equipped to move heavy fertilizers and herbicides in the field with minimal soil compaction. Its special stubble guard compound ensures excellent durability, reduced downtime and maximum vehicle productivity. All in all, it's features like these that make the Agriflex+ 377 a powerhouse performer.

WHAT MAKES THE AGRIFLEX + 377 SPECIAL?

TREAD DESIGN

- Rounded shoulders safeguard the tire from stubble damage and provide protection to the soil
- Optimized tread pattern ensures high traction

ROBUST CONSTRUCTION & COMPOUNDING



- Strong carcass for excellent durability
- Steel belts protect the tire from damage and provide a flatter footprint
- Special tread compound safeguards tire against wear
- Stubble guard compound provides protection against damage in the field

AGRIFLEX 381 IF/VF I2

Alliance Agriflex 381 is an IF/VF steel belted radial flotation tire that has been developed to serve the needs of implements that are pulled on the road at high speeds and then used in fields full of stubble. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
38109005	IF 240/80R15	9.5L-15	125D		TL	13	8LB	30.1	9.7	91.3	13.6	3640	52	40
38109015	IF 265/85R15	10.00-15	129D		TL	13	8LB	32.8	10.8	98.8	14.6	4070	47	40
38110005	IF 280/70R15	11L-15	137D		TL	12	W8	30.5	11.0	91.4	13.8	5070	73	40
38109108	VF 320/70R15	12.5L-15	145D		TL	14	10LB	32.6	12.6	97.7	14.8	6390	73	40
38110010	VF 340/60R16.5	32-1350-16.5	147D		TL	16	9.75	32.5	13.2	96.7	14.8	6780	80	40
38150009	VF 340/60R16.5		145D		TL	16	16.5	32.5	13.2	96.9	14.0	6390	73	40
38110015	VF 380/55R16.5	33-1550-16.5	148A8		TL	16	12	32.8	15.0	95.5	15.0	7825	80	40
In Development	VF 380/55R16.5													
38110121	VF 445/50R22.5 AS	All Steel	167D		TL	19	AG14.00	40	17.2	122.9	17.9	12000	97	40

AGRIFLEX 381 LOAD COMPARISON AT 30 MPH

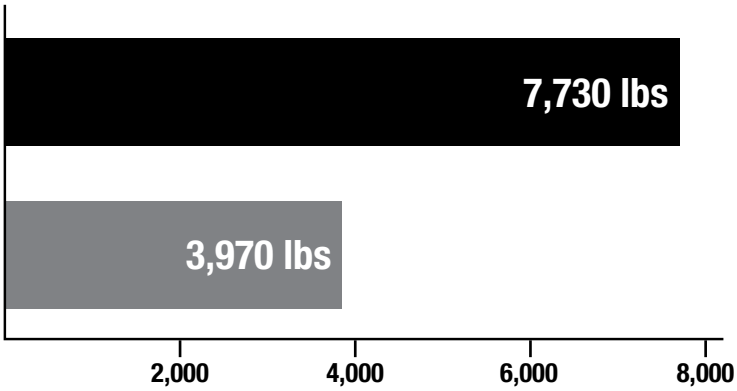
381 AGRIFLEX+

VF320/70R15, 145D

The Agriflex+ carries 94% more load as a standard bias at the same speed

STANDARD BIAS

12.5L-15SL,14PR



AGRIFLEX+ 881 VF I-2

The Alliance Agriflex+ 881 is the latest addition to Alliance's engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry upto 40% more load at the same amount of pressure while ensuring minimum soil compaction. Robust all steel construction with presence of stubble guard compound assures minimum downtime and maximum vehicle productivity making it an ideal partner for heavy duty agriculture applications.

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
88190002	VF 255/70R22.5		149D		TL	28	7.5	36.6	9.7	109.6	16	7100	78	40
88190005	VF 295/75R22.5		155D		TL	23	8.25	40.0	11.7	132.8	17.8	8540	70	40
88190007	VF 445/65R22.5		175D		TL	27	14	45.3	17.5	135.8	19.7	15640	78	40

AGRIFLEX+ 363 STEEL BELTED R-1

OEM FITMENT

The Alliance Agriflex+ 363 is rated for speeds up to 40 mph over the road, and is designed for sprayers that need to perform both on the fields and on the road. State-of-the-art materials and the steel-belted construction allow IF (Increased Flexion) radial tractor tires to deliver outstanding performance in any conditions. IF tires carry 20% more load on the same inflation pressure as conventional radials, or require 20% less inflation pressure for the same load, to reduce soil compaction. (TUBELESS - STEEL BELTED - STUBBLE GUARD)

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
36350532	VF 270/95R32		138D		TL	44	W9	52.4	11.2	156.2	24.0	5200	35	40
36350462	VF 270/95R36		140D		TL	44	W9	56.1	10.9	168.8	26.0	5510	35	40
36350004	VF 270/95R38		141D		TL	44	W9	58.1	10.9	174.5	26.8	5670	35	40
36350020	VF 320/90R46		155D		TL	47	DW11	68.8	12.1	210.0	31.8	8540	41	40
36300036	VF 380/90R46	14.9R46	173D		TL	49	DW13	72.5	15.3	218.4	33.4	14300	64	40
36300011	VF 230/95R48	9.5R48	146D		TL	42	DW9	65.4	9.1	199.1	30.9	6600	52	40
36300014	VF 270/95R48	11.2R48	155D		TL	44	DW10	68.2	10.8	209.8	32.1	8540	58	40
36300220	VF 320/90R50		166D		TL	47	DW11	72.7	13.0	221.1	33.9	11670	64	40
36300100	IF 480/80R50	18.4R50	166D		TL	52	DW16B	80.2	18.9	242.2	37.0	11700	35	40
36350100	VF 480/80R50		169D		TL	52	DW16L	80.2	18.7	240.3	36.2	12780	29	40
36300017	VF 270/95R54	11.2R54	156D		TL	44	DW10	76.6	11.3	226.1	35.2	8800	52	40

AGRIFLEX+ 389 VF FLOTATION HF2

OEM FITMENT

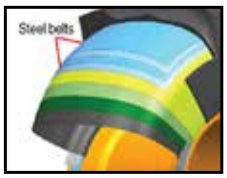
The Alliance Agriflex 389 VF-Imp provides the best possible solution for soil protection on large and heavy implements such as towed spreaders, grain wagons, liquid manure tankers and other agricultural trailers.

PRODUCT CODE	SIZE	ALT. SIZE	PR/LI	PLY/*	TYPE	TREAD DEPTH	PREFERRED RIM	OD	WIDTH	RC	SLR	MAX LOAD (LBS)	PSI	MAX SPEED
38950009	VF500/50R17		150	NA	TL	27	16	36.5	19.8	109.7	15.7	7380	46	40
38950102	VF500/60R22.5		157	NA	TL	27	16	46.1	19.8	139.0	20.0	9910	46	40
38900011	VF 560/60R22.5		163D		TL	29	AG16.00	49.2	22.2	146.1	21.2	10750	41	40
38900018	VF 600/55R26.5		167D		TL	33	AG20.00	53.1	24.8	160	23.1	12020	41	40
38900025	VF 650/55R26.5		171D		TL	33	AG20.00	54.5	25.6	164.3	23.6	13560	41	40
38900026	VF 650/60R26.5		174D		TL	33	AG20.00	57.2	26.2	172.8	24.5	14760	41	40
38900028	VF 710/50R26.5		173D		TL	33	AG24.00	55.1	28.8	168.1	23.7	14330	41	40
38900030	VF 750/45R26.5		172D		TL	33	AG24.00	53.5	29.7	160.9	23.2	13890	41	40
38900045	VF 750/60R30.5		183D		TL	33	AG24.00	66.1	30.7	199.6	28.4	19290	41	40
38900065	VF 800/60R32		188D		TL	33	DW27B	70.9	31.5	215.2	30.6	22030	41	40

ENGINEERED TO KEEP YOU RUNNING

Our tires are engineered and manufactured to keep your machinery running more days per year, in more challenging conditions, on the road and in the field. We're a leader in flotation technology, including high-flotation tires rated to 60 mph for safe handling and long wear. We're an innovator in tread design, with patterns that improve steering for faster, more reliable postemergence spraying. And we're experts in compound chemistry, with rubber blends to resist stubble damage and road wear.

One of the great things about VF tires is how easy it is to measure the actual financial impact they have on a farm, especially if you have historical data for comparison. The ability of VF tires to carry more load allows for more efficient field work, especially when working with heavy towed implements like planters, spreaders, and carts—this means more time in the field, less wasted time, and possibly big dollars at the end of the season. Our Alliance brand's Whole Farm Concept is a commitment to delivering a cost-effective VF tire to every piece of farm equipment that enters the field, from tractors to self-propelled sprayers to combines.



The only Steel-belted IF/VF range in the industry

Steel belts in the tread area adds durability. Steel belts also distribute weight evenly and guard against punctures.

Stubble Guard Compound

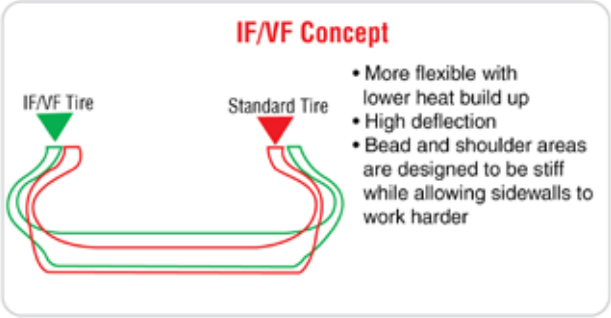
Our special compounds help protect against punctures caused by harsh stubble, adding life to the tire.

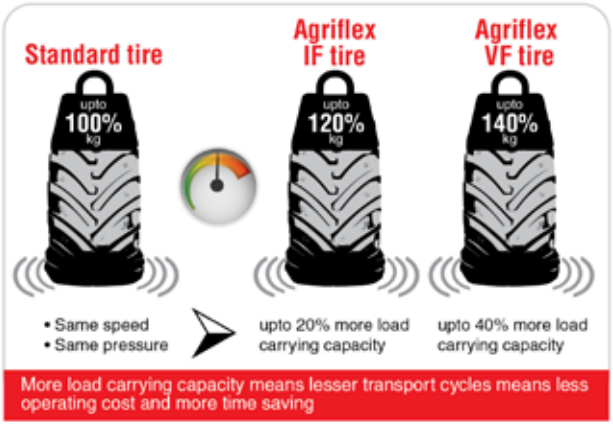
Comfortable ride on the field and high traction on the road

Sidewall deflection enhances overall driving comfort allowing the operator to work longer hours

Helps reduce soil compaction

Larger footprint reduces soil compaction and keeps ruts to a minimum. Lower pressure and larger footprint minimzes damage to sensitive terrain.





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