FOOTPRINT

650 & 710 COMPARISON

FEATURE COMPARISON:



ALLIANCE 650VF
446.70 IN² FLAT PLATE

GOODYEAR 680 LSW
415.48 IN² FLAT PLATE

CALCULATING THE FLAT PLATE FOOTPRINT MEASUREMENT BASED ON TIRE SIZE & BRAND

We used a JD R4038 sprayer to test common brand 650s and 710s. We filled the sprayer's tank full of water to simulate the machine operating at load. We then adjusted each of the tire's air pressures to the recommended PSI according to their weight and speed charts. (10,000 lbs per corner @ 35 mph) To make the test as fair as possible, we used the same sprayer and changed the tire and wheel on the same corner. We mounted the 650 tires on 20 inch wide wheels and all the 710 tires on 23 inch wide wheels. We bolted it onto the sprayer and lowered onto a sheet of paper with the tire properly mounted. We then spray painted around the tire, mapping its footprint.

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2265 DAVIS COURT HAYWARD, CA 94545



TOP 650

ALLIANCE 650 VF

WHEEL SIZE: 20 IN | **PSI:** 17 | **FLAT PLATE:** 446.70 IN²



TOP 710

ALLIANCE 710 AGRIFLEX

WHEEL SIZE: 23 IN | **PSI**: 15 | **FLAT PLATE:** 530.73 IN²

650 GROUP

Tire Brand	Size	Model	Wheel Size	PSI	Flat Plate SQ. IN
Alliance	650	VF	20	17	446.70
Alliance	650	550	20	35	401.93
Michelin	650	Axiobib	20	23	388.77
Alliance	650	365	20	29	375.71
Alliance	650	365	20	35	370.76
Goodyear	650	Optitrac	20	35	362.85
Firestone	650	9000	20	35	325.94

710 GROUP

Tire Brand	Size	Model	Wheel Size	PSI	Flat Plate SQ. IN
Alliance	710	Agriflex	23	15	530.73
Michelin	710	Machxbib	23	23	494.80
Alliance	710	Agristar II	23	23	474.18
Mitas	710	AC65	23	20	461.81
Alliance	710	Agristar	23	30	426.37
Goodyear	680	LSW	23	17	415.48

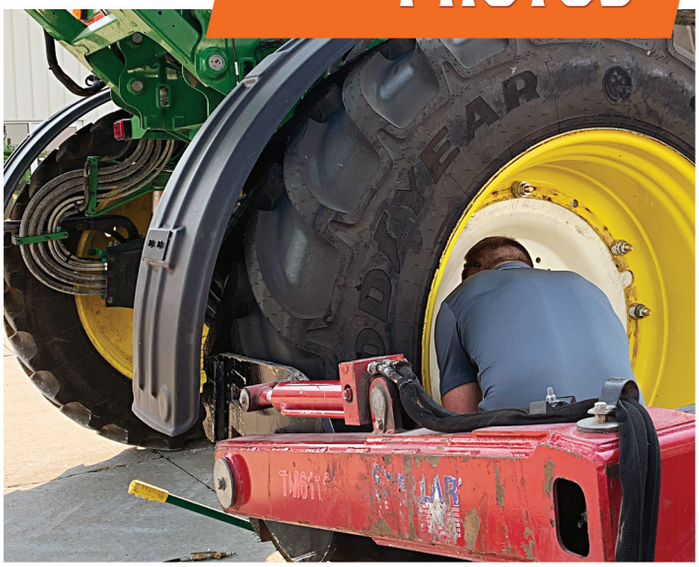
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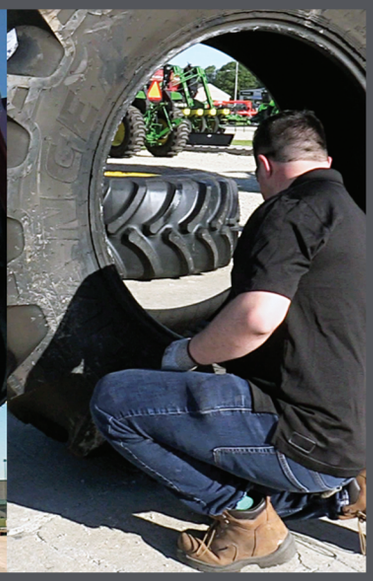
FOOTPRINT

650 & 710 COMPARISON

PROJECT PHOTOS



















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