



**THE BENEFITS OF RADIAL REAR TRACTOR TIRES**



**RADIAL TIRES PROVIDE:**

**INCREASED PRODUCTIVITY**

**GREATER EFFICIENCY**

**INCREASED COMFORT**

**BETTER TRACTION**



## INCREASED PRODUCTIVITY

### Reduced Working Hours

Plowing an area of 32 acres with an 85 h.p. tractor and a 14 inch furrow plow.			
	Radial Tires	Bias Tires	Savings
Working time to plow 32 acres	152 hours	174 hours	22 hours



## INCREASED PRODUCTIVITY

### Lower Fuel Consumption

Plowing an area of 32 acres with an 85 h.p. tractor and a 14 inch furrow plow. Tractor consumption 4 gallons per hour

	Radial Tires	Bias Tires	Savings
Fuel consumption in plowing 32 acres	608 gallons	696 gallons	88 gallons





## INCREASED PRODUCTIVITY

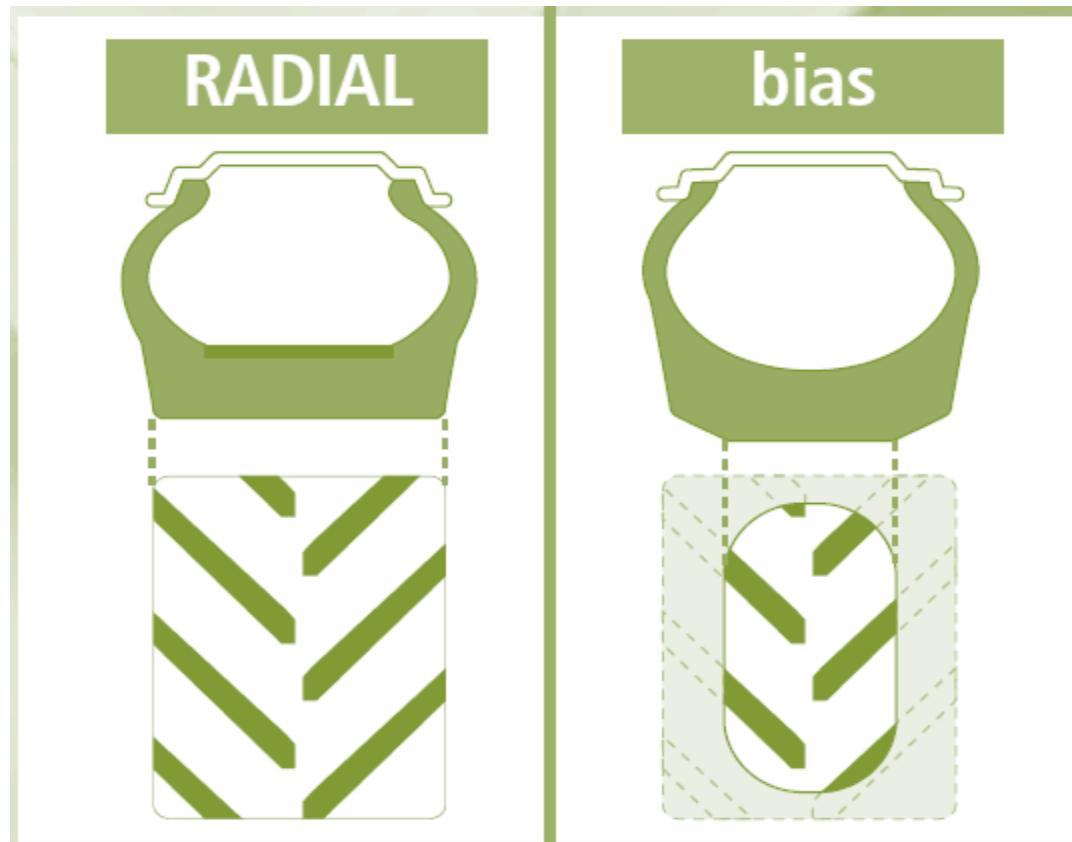
### Increased Life of the Tire

**On average, radial tractor tires last 2-3 times longer than bias tires!**



## GREATER EFFICIENCY

**Larger Footprint – longer and wider (20%-30% larger)**





## GREATER EFFICIENCY

**Larger Footprint =**

**Reduced Rutting and Less Soil Compaction =**

**BETTER CROP YIELD**



## GREATER EFFICIENCY

**What features contribute to radial tractor tires having a larger footprint than bias tires?**





## GREATER EFFICIENCY

1. Extremely flexible sidewall
2. Extremely flexible casing
3. Flat, square tread shape



## **INCREASED COMFORT**

**Side effects of a flexible sidewall and casing**

**Built in shock absorbers.**

**Reduced vibrations both in the field and especially on road.**

**Comfortable steering**

**Mechanical components better protected.**



## MORE TRACTION

- **More consistent forward progress of the tire**
- **Wider, more consistent footprint**
- **More lugs in contact with the ground**
- **Better self-cleaning**



**THANK YOU**

**NACOM TRAINING**

**SAMSON**

**ADVANCE**

