**TIRE COMPARISON: CONVENTIONAL vs. METRIC**

### MILLIMETRIC SIZE TIRES

The markings on some farm tires are millimetric, and the service description is load index and speed symbol. This marking conforms to what is currently used for passenger, truck, agricultural and earthmover tires.

**EXAMPLE: TIRE SIZE — 710/70R-38 166A8**

710 tire section width in millimeters
70 aspect ratio
R radial construction
38 rim diameter in inches
166 load index
A8 speed symbol

### CONVERSION CHART

1 inch = 25.4 millimeters = 2.54 centimeters
1 foot = 30.48 centimeters = .3048 meters
1 mile = 1609.3 meters = 1.6093 kilometers
1 mile = 5280 feet = 1760 yards
1 square inch = 6.4516 square centimeters
1 square foot = 144 square inches
1 square yard = 9 square feet
1 square mile = 640 square acres
1 gallon water = 3.785 liters
1 hectare = 2.471 acres
1 gallon = 8.3453 pounds of water
1 U.S. gallon = 3.785 liters
1 peck = 8 quarts (dry)
1 bushel = 4 pecks (U.S.)
1 lbm = .4536 kilogram
1 lbf = 4.45 Newtons
1 psi = 6.895 kilopascal (kPa) = .06895 bar