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Agriculture Application – Fronts on Garden Tractors and Implements (TR01)

Agri Front
Structure: Bias/Radial
Inflation: N
Tread Type: F1, F2, F3

Agri Implement
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: I1, I2, I3

Agri Flotation
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: HF1, HF2, HF3

Agri Small Tractor, Mower
Structure: Bias/Radial
Inflation: N
Tread Type: G1, G1W, G2, HF1, HF2, HF3, R1, R3, R4
Agriculture Application – Tractors, Combines, Harvesters, Applicators, Grain Carts/Wagons Self-Propelled Sprayers (TR02)

Ag Tractor
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3

Ag Tractor (Multi-Applications)
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R4

Harvester/Combine
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3

Applicator
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W

Grain Cart, Wagon
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3
Forestry Application (TR03)

Skidder (Cable or Grapple)
Structure: Bias
Inflation: N
Tread Type: LS2, HF1, HF2, HF3, HF4

Forwarders, Cut to Length (CTL), Feller Bunchers
Structure: Bias/Radial
Inflation: N
Tread Type: I3

Forestry/Ag Tractor
Structure: Bias/Radial
Inflation: N
Tread Type: I3, R1, R1W
Industrial/Construction Application (TR04)

Skidsteers, Mini-Loaders, Industrial Tractors (Backhoes), Wheeled Excavators, Telehandlers, Agro Industrial, Pavers/Compactors

Structure: Bias/Radial
Inflation Type: N
Tread Type: R4 = (C1, E7, F2, F3, HF1, HF2, HF3, I1, I3, L3, L4, L5, MPT, R1, R3, R4)
Tread Type Definitions

**R1** Standard bar-type farming design, tread-to-void ratio ~70%

**R1W** 20% deeper skid depth than **R1**

**R2** Drive tire, double the tread depth of **R1**, typically 45-degree bar angle

**R3** Non-aggressive diamon/turf-type tread pattern causing minimal ground disturbance; void area only around 30%
Tread Type Definitions Continued

**R4 (TR02)** Multi-use ag tractor tire

**R4 (TR04)** Construction and light industrial (backhoes and end loaders); tread depth is ~70% of the **R1** depth; tread-to-void ratio is typically 50/50

**I1** Shallow multi-rib implement

**I2** Turf-type, diamond treat pattern; flotation implement

**I3** Bar-type tread pattern; traction implement

**F1** Agricultural steer tire, single rib tread
Tread Type Definitions Continued

**F2** Agricultural steer tire, multi-rib tread

**F3** Industrial multi-rib tread

**G1** Regular traction tread

**G2** Turf traction tread

**HF1** High flotation, shallow tread depth

**HF2** High flotation, standard tread depth

**HF3** High flotation, deep tread depth
Tread Type Definitions Continued

**HF4** High flotation, extra deep tread depth

**LS2 & LS3** Log skidder tire
## Tread Type Excel Grid

<table>
<thead>
<tr>
<th>AEM Product Code</th>
<th>Industry Segment</th>
<th>Application</th>
<th>Structure</th>
<th>Inflation</th>
<th>Tread Type</th>
<th>TIRE TYPE</th>
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<tr>
<td>TR01</td>
<td>AGRICULTURE</td>
<td>Agri Front</td>
<td>Bias</td>
<td>N</td>
<td>F1, F2, F3</td>
<td>Steering Tires</td>
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<td>Agri Implement</td>
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<td>I1, I2, I3</td>
<td>Implement Tires</td>
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<td>Radial</td>
<td>N, IF, VF</td>
<td>I1, I2, I3</td>
<td>Implement Tires</td>
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<td>Agri Flotation</td>
<td>Bias</td>
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<td>HF1, HF2, HF3</td>
<td>Flotation Tires</td>
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<td>N, IF, VF</td>
<td>HF1, HF2, HF3</td>
<td>Flotation Tires</td>
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<td>Agri Small Tractor, Mower</td>
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<td>G1, G1W, G2, HF1, HF2, HF3, R1, R3, R4</td>
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<td>Harvester/Combine</td>
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<td>Drive / Rolling Wheel</td>
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<td>TR04</td>
<td>INDUSTRIAL</td>
<td>Skidsteer, Mini-Loader Tires</td>
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<td>R4=HF1, HF2, HF3, L5, R4, L3, L4, MPT, I1, I3, F2, F3, R1, R3, C1, E7</td>
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