|  |  |
| --- | --- |
| Submitted by the experts from ETRTO | Informal document **GRRF-84-17**84th GRRF, 19-22 September 2017 Agenda item 7(e)  |

**Proposal for amendments to Regulation No. 106**

 *Paragraph 2.15.11,* amend to read*:*

"2.15.11. The letters "IND" after the nominal rim diameter marking in case of tyres for

construction application (industrial tractors).

The Letters “SS” or “NHS” after the nominal rim diameter marking in case of tyres

for construction applications (skid-steers / mini-loaders)”

 *Insert new tables (and footnotes) within Annex 5, to read:*

“Table [TBD] (1 of 2)

**Shallow-tread drive wheel tyres for agricultural tractors – Normal section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rim widthcode (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overall diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| 8.3-16 | 7 | 211 | 766 | 406 |
| 8.3-24 | 7 | 211 | 969 | 610 |
| 9.5-16 | 8 | 241 | 820 | 406 |
| 9.5-22 | 8 | 241 | 973 | 559 |
| 9.5-24 | 8 | 241 | 1024 | 610 |
| 9.5-32 | 8 | 241 | 1227 | 813 |
| 9.5-36 | 8 | 241 | 1328 | 914 |
| 9.5-42 | 8 | 241 | 1481 | 1067 |
| 11.2-24 | 10 | 284 | 1079 | 610 |
| 11.2-28 | 10 | 284 | 1181 | 711 |
| 11.2-36 | 10 | 284 | 1384 | 914 |
| 11.2-38 | 10 | 284 | 1435 | 965 |
| 12.4-16 | 11 | 315 | 931 | 406 |
| 12.4-24 | 11 | 315 | 1134 | 610 |
| 12.4-28 | 11 | 315 | 1236 | 711 |
| 12.4-32 | 11 | 315 | 1388 | 813 |
| 12.4-36 | 11 | 315 | 1439 | 914 |
| 12.4-38 | 11 | 315 | 1490 | 965 |
| 12.4-42 | 11 | 315 | 1592 | 1067 |
| 13.6-16 | 12 | 345 | 982 | 406 |
| 13.6-24 | 12 | 345 | 1185 | 610 |
| 13.6-26 | 12 | 345 | 1236 | 660 |
| 13.6-28 | 12 | 345 | 1287 | 711 |
| 13.6-36 | 12 | 345 | 1490 | 914 |
| 13.6-38 | 12 | 345 | 1541 | 965 |
| 13.6-46 | 12 | 345 | 1744 | 1168 |
| 14.9-24 | 13 | 378 | 1241 | 610 |
| 14.9-26 | 13 | 378 | 1292 | 660 |
| 14.9-28 | 13 | 378 | 1343 | 711 |
| 14.9-30 | 13 | 378 | 1393 | 762 |
| 14.9-38 | 13 | 378 | 1597 | 965 |
| 15.5-38 | 14 | 394 | 1544 | 965 |
| 16.9-24 | 15 | 429 | 1309 | 610 |
| 16.9-26 | 15 | 429 | 1359 | 660 |
| 16.9-28 | 15 | 429 | 1410 | 762 |
| 16.9-30 | 15 | 429 | 1461 | 762 |
| 16.9-34 | 15 | 429 | 1563 | 864 |
| 16.9-38 | 15 | 429 | 1664 | 965 |
| 18.4-16.1 | 16 | 467 | 1113 | 409 |
| 18.4-24 | 16 | 467 | 1375 | 610 |

Table [TBD] (2 of 2)

**Shallow-tread drive wheel tyres for agricultural tractors – Normal section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rim widthcode (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overall diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| 18.4-26 | 16 | 467 | 1426 | 660 |
| 18.4-28 | 16 | 467 | 1477 | 711 |
| 18.4-30 | 16 | 467 | 1528 | 762 |
| 18.4-34 | 16 | 467 | 1629 | 864 |
| 18.4-38 | 16 | 467 | 1731 | 965 |
| 18.4-42 | 16 | 467 | 1832 | 1067 |
| 18.4-46 | 16 | 467 | 1934 | 1168 |
| 20.8-34 | 18 | 528 | 1708 | 864 |
| 20.8-38 | 18 | 528 | 1809 | 965 |
| 20.8-42 | 18 | 528 | 1911 | 1067 |
| 23.1-26 | 20 | 587 | 1581 | 660 |
| 23.1-30 | 20 | 587 | 1682 | 762 |
| 23.1-34 | 20 | 587 | 1784 | 864 |
| 24.5-32 | 21 | 622 | 1779 | 813 |

 *Notes:*

1. Shallow-tread drive wheel tyres are identified by an “R-3” marking on the Tyre sidewalls
2. The Tyre size designation may be supplemented by an additional figure: ex: 23.1/18-26 instead of 23.1-26
3. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 23.1R26)
4. Coefficient for the calculation of the overall width: +8 percent

Table [TBD] (1 of 1)

**Shallow-tread drive wheel tyres for agricultural tractors – Low section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rim widthcode (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overall diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| 17.5L-24 | 15 | 445 | 1241 | 610 |
| 19.5L-24 | 17 | 495 | 1314 | 610 |
| 21L-24 | 18 | 533 | 1378 | 610 |
| 21L-28 | 18 | 533 | 1479 | 711 |
| 28L-26 | 25 | 714 | 1591 | 660 |
| 30.5L-32 | 27 | 775 | 1794 | 813 |
| 35.5L-32 | 31 | 902 | 1957 | 813 |

 *Notes:*

1. Shallow-tread drive wheel tyres are identified by an “R-3” marking on the Tyre sidewalls
2. The Tyre size designation may be supplemented by a rim contour prefix: ex: VA35.5L-32 instead of 35.5L-32
3. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 23.1R26)
4. Coefficient for the calculation of the overall width: +8 percent”

*Annex 5, Table 1*, amend the following entries:

“Table 1 (1 of 2)

**Agricultural steering wheels – Normal and low section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rimwidth code (A1)* | *Nominal width(s1) (mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* |
| 4.00-12 | 3 | 112 | 535 | 526 | 305 |
| 4.00-15 | 3 | 112 | 610 | 602 | 381 |
| 4.00-19 | 3 | 112 | 712 | 704 | 483 |
| 5.00-15 | 4 | 140 | 655 | 649 | 381 |
| 5.50-16 | 4 | 150 | 710 | 694 | 406 |
| 6.00-14 | 5 | 169 | 688 | 669 | 356 |
| 6.00-16 | 4.5 | 165 | 735 | 720 | 406 |
| 6.00-19 | 4.5 | 165 | 814 | 796 | 483 |
| 6.50-16 | 4.5 | 175 | 760 | 739 | 406 |
| 6.50-20 | 4.5 | 175 | 865 | 841 | 508 |
| 7.50-16 | 5.5 | 205 | 805 | 782 | 406 |
| 7.50-18 | 5.5 | 205 | 860 | 833 | 457 |
| 7.50-20 | 5.5 | 205 | 915 | 883 | 508 |
| 8.00-16 | 5.5 | 211 | 813 | 813 | 406 |
| 9.00-16 | 6 | 234 | 855 | 827 | 406 |
| 11.00-16 | 10 | 315 | 965 | 935 | 406 |
| 11.00-24 | 10 | 315 | 1170 | 1138 | 610 |

Table 1 (2 of 2)

**Agricultural steering wheels – Normal and low section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rimwidth code (A1)* | *Nominal width(s1) (mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* |  |
| Low section |
| 11L-15 | 8 | 280 | 815 | 783 | 381 |
| 11L-16 | 8 | 279 | 840 | 808 | 406 |
| 14L-16.1 | 11 | 360 | 985 | 950 | 409 |
| 14.5/75-16.1 | 11 | 373 | 940 | 904 | 409 |
| 16.5L-16.1 | 14 | 419 | 1072 | 1031 | 409 |

 *Notes:*

1. Agricultural steering wheel tyres are identified either by suffix “Front” placed after the Tyre size designation ( e.g. 4.00-9 Front) or by one of the following additional markings added to the Tyre sidewalls: “F-1”, “F-2”, or “F-3”
2. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 4.00R9)
3. Overall diameters (D) in column (\*) apply to tyres marked with classification code “F-3” – see paragraph 3.1.7 of this Regulation”

*Annex 5, Table 2*, insert the following entries:

“Table 2 (1 of 5)

**Drive wheel tyres for agricultural tractors – Normal section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rimwidth code (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overall diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| *Radial* | *Diagonal* | *Radial* | *Diagonal* |
| 7.00-18 | 6 |  | 183 |  | 792 | 457 |

Table 2 (3 of 5)

**Drive wheel tyres for agricultural tractors – Normal section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rimwidth code (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overall diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| *Radial* | *Diagonal* | *Radial* | *Diagonal* |
| 13.6-46 | 12 |  | 345 |  | 1768 | 1168 |

 *Notes:*

1. The Tyre size designation may be supplemented by a rim contour prefix: ex: VA35.5L-32 instead of 35.5L-32 or by an additional figure: ex: 23.1/18-26 instead of 23.1-26
2. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 23.1R26)
3. Coefficient for the calculation of the overall width: +8 percent”

*Annex 5, Table 5*, insert the following entries:

“Table 5 (1 of 3)

**Agricultural implement tyres – Normal section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rim**width code (A1)* | *Nominal section**width (S1) (mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* |
| 36x16-17.5 IMP | 10.5 | 406 | 914 |  | 445 |
| 40x19-19.5 IMP | 15 | 495 | 1003 | 1019 | 495 |

*Annex 5, Table 6*, amend the following entry and the footnotes to read:

“Table 6 (1 of 3)

**Agricultural implement tyres – Low section sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoretical rim**width code (A1)* | *Nominal section**width (S1) (mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* |
| 21.5L-16.1 IMP | 18 | 546 | 1130 | 1162 | 409 |

 *Notes:*

1. The suffix “IMP” may be replaced by the wording “IMPLEMENT” on the tyre sidewall
2. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 7.5LR15)
3. Overall diameters (D) in column (\*) apply to tyres marked with classification code “I-3” – see paragraph 3.1.8.2 of this Regulation

*Annex 5, Table 7*, amend the headers, the following entries and the footnotes to read:

“Table 7 (1 of 4)

**Agricultural high-flotation tyres**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* | *(\*\*)* |

Table 7 (2 of 4)

**Agricultural high-flotation tyres**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* | *(\*\*)* |
| 25x12.50-15 | 10 | 310 | 640 | 656 |  | 381 |
| 27x8.50-15 | 7 | 214 | 680 | 690 |  | 381 |
| 27x9.50-15 | 7 | 229 | 686 | 699 |  | 381 |
| 27x10.50-15 | 8.5 | 259 | 691 | 705 |  | 381 |

Table 7 (3 of 4)

**Agricultural high-flotation tyres**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* | *(\*\*)* |
| 29x12.50-15 | 10 | 310 | 742 | 758 |  | 381 |
| 31x12.50-15 | 10 | 310 | 792 | 809 |  | 381 |
| 31x13.50-15 | 10 | 351 | 782 | 800 |  | 381 |
| 31x15.50-15 | 13 | 391 | 792 | 812 |  | 381 |
| 33x12.50-15 | 10 | 310 | 843 | 860 |  | 381 |
| 36x13.50-15 | 10 | 351 | 909 | 927 |  | 381 |
| 38x14.00-20 | 11 | 356 | 991 | 1026 | 1057 | 508 |
| 38x18.00-20 | 14 | 457 | 991 | 1026 | 1057 | 508 |
| 38x20.00-16.1 | 16 | 488 | 991 | 1026 | 1057 | 409 |
| 41x14.00-20 | 11 | 356 | 1067 | 1102 | 1133 | 508 |
| 42x25.00-20 | 20.5 | 622 | 1080 | 1111 | 1149 | 508 |
| 44x18.00-20 | 14 | 457 | 1143 | 1175 | 1213 | 508 |
| 44x41.00-20 | 36 | 991 | 1143 | 1175 | 1213 | 508 |
| 48x20.00-24 | 15 | 457 | 1245 | 1276 | 1314 | 610 |
| 48x25.00-20 | 20.5 | 635 | 1245 | 1276 | 1314 | 508 |
| 48x31.00-20 | 26 | 775 | 1245 | 1276 | 1314 | 508 |
| 54x31.00-26 | 26 | 775 | 1397 | 1429 | 1467 | 660 |
| 54x37.00-25 | 32 | 940 | 1397 | 1429 | 1467 | 635 |
| 57x31.00-26 | 26 | 775 | 1473 | 1505 | 1543 | 660 |
| 66x43.00-25 | 36 | 1054 | 1702 | 1740 | 1797 | 635 |
| 66x43.00-26 | 36 | 1054 | 1702 | 1740 | 1797 | 660 |
| 66x44.00-25 | 36 | 1118 | 1702 | 1740 | 1797 | 635 |
| 67x34.00-25 | 30 | 864 | 1727 | 1765 | 1822 | 635 |
| 67x34.00-26 | 30 | 864 | 1727 | 1765 | 1822 | 660 |
| 67x34.00-30 | 30 | 864 | 1727 | 1765 | 1822 | 762 |
| 68x50.00-32 | 44 | 1270 | 1753 | 1791 | 1848 | 813 |
| 73x44.00-32 | 36 | 1118 | 1880 | 1911 | 1981 | 813 |

Table 7 (4 of 4)

**Agricultural high-flotation tyres**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall diameter (D) (mm)* | *Nominal rimdiameter (d)(mm)* |
|  | *(\*)* | *(\*\*)* |
| 73x50.00-32 | 44 | 1270 | 1880 | 1911 | 1981 | 813 |
| 76x50.00-32 | 44 | 1270 | 1956 | 1988 | 2057 | 813 |

 *Notes:*

1. These Tyres may be classified in categories of use “Tractor Drive Wheels”, “Implement”, or “Forestry Machines”
2. Implement Tyres are identified either by suffix “IMP” placed after the Tyre size designation (e.g. 11x4.00-4 IMP) or by the word “IMPLEMENT” marked on the Tyre sidewalls
3. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 11x4.00R4)
4. The Tyre size designation may be supplemented by a rim contour prefix: ex: VA73x44.00-32 instead of 73x44.00-32
5. Overall diameters (D) in column (\*) apply to tyres marked with classification code “HF-3”
6. Overall diameters (D) in column (\*\*) apply to tyres marked with classification code “HF-4”
7. Coefficient “a” for the calculation of the Overall diameter Dmin: 0.96
8. Coefficient “b” for the calculation of the Overall diameter Dmax: 1.07 (Diagonal), 1.04 (Radial)”

*Annex 5, Table 8*, insert the following entries and amend the footnotes to read:

“Table 8 (1 of 1)

**Forestry Tyres – Code-Designated sizes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall Diameter (D)(mm)* | *Nominal rimdiameter (d)(mm)* |
| 16.9-30 LS | 15 | 429 | 1511 | 762 |
| 18.4-26 LS | 16 | 467 | 1476 | 660 |
| 18.4-30 LS | 16 | 467 | 1577 | 762 |
| 18.4-34 LS | 16 | 467 | 1679 | 864 |

 *Notes:*

1. Forestry Tyres are identified by suffix “LS-2” or “LS-3” placed after the Tyre size designation (e.g. 30.5L-32 LS-2)
2. The Tyre size designation may be supplemented by a rim contour prefix: ex: DH35.5L-32 LS-2 instead of 35.5L-32 LS-2
3. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 30.5LR32 LS)”

*Annex 5, Table 9*, insert the following entries:

“Table 9 (1 of 1)

**Tyres for construction applications (industrial tractors)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1) (mm)* | *Overalldiameter (D)mm* | *Nominal rimdiameter (d)(mm)* |
| *Radial* | *Diagonal* | *Radial* | *Diagonal* |
| 21L-28 | 18 |  | 533 |  | 1479 | 711 |

 *Notes:*

1. These tyres are identified either by suffix “IND”, placed after the Tyre size designation (e.g. 14.9-24 IND), or by the following marking added to the tyre sidewalls: “R-4”
2. Tyres of radial structure are identified by means of the letter “R” in place of “ - ” (e.g. 14.9R24)
3. Coefficient for the calculation of the overall width of radial tyres: +8%”

*Insert new table to Annex 5, Table 10,* to read:

“Table 10 (1 of 1)

**Tyres for construction applications (skid-steers / mini-loaders)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Tyre sizedesignation* | *Theoreticalrim widthcode (A1)* | *Nominal sectionwidth (S1)(mm)* | *Overall**diameter (D)(mm)* | *Nominal rimdiameter (d)**(mm)* |
| 7.00–15 SS | 5.50 | 201 | 762 | 381 |
| 8.25–15 SS | 6.00 | 231 | 848 | 381 |
| 5.70–12 NHS | 4.50 | 146 | 570 | 305 |
| 5.70–15 NHS | 4.50 | 146 | 647 | 381 |
| 23x8.50–12 SS | 7.00 | 213 | 574 | 305 |
| 23x8.50–14 SS | 7.00 | 218 | 584 | 356 |
| 23x10.50–12 SS | 8.50 | 264 | 579 | 305 |
| 25x8.50–14 SS | 7.00 | 218 | 635 | 356 |
| 26x12.00–12 SS | 10.50 | 307 | 648 | 305 |
| 10–16.5 NHS | 8.25 | 264 | 773 | 419 |
| 12–16.5 NHS | 9.75 | 307 | 831 | 419 |
| 14–17.5 NHS | 10.50 | 349 | 921 | 445 |
| 15–19.5 NHS | 11.75 | 389 | 1019 | 495 |
| 15–22.5 NHS | 11.75 | 389 | 1095 | 572 |
| 18–19.5 NHS | 14 | 457 | 1096 | 495 |
| 18–22.5 NHS | 14 | 457 | 1172 | 572 |

*Notes:*

1. Tyres of radial structure are identified by means of the letter “R” in place of “–””

*Annex 7, Part E,* amend to read:

"Part E: Tyres for construction applications (industrial tractors or skid-steers / mini-loaders)

 Applicable to tyres classified with categories of use: "Construction Applications" (see

 paragraph 2.42.)

Variation of load carrying capacity (per cent) (see paragraphs 2.30. and 2.31. of this Regulation)

|  |  |
| --- | --- |
| *Speed* *(km/h)* | *Speed Category Symbol* |
| A2 | A8 |
| *Constant load* | *Cyclic applications (+)* |
| 5 | + 11 | + 45 | + 67 (1) |
| 10 | [0] | + 25 | + 50 (2) |
| 15 | - 21 | + 13 | + 34 |
| 20 | - 24 | + 9 | + 23 |
| 25 | - 28 | + 6 | + 11 |
| 30 | - 32 | + 4 | + 7 |
| 35 | -33 | + 2 | + 3 |
| 40 | -34 | [0] | [0] |
| 45 | - 35 | - 4 | - 4 |
| 50 | - 37 | - 9 | - 9 |

(+) Cyclic means applications where tyres are used one way laden and return unladen (e.g loaders).

(1) One way distance 150 m, fully loaded.

(2) One way distance 600 m, fully loaded."

*Annex 10, Table*, amend to read:

**“Tyre classification code**

(optional marking)

|  |  |
| --- | --- |
| *ClassificationCode* | *Nomenclature* |
| F-1 | Agricultural tractor steering wheel tyres: single rib tread |
| F-2 | Agricultural tractor steering wheel tyres: multiple rib tread |
| F-3 | Steering wheel tyres: industrial service (construction application) |
| G-1 | Garden tractor tyres (implement tyres): traction service |
| G-2 | Garden tractor tyres (implement tyres): flotation traction service |
| G-3 | Garden tractor tyres (implement tyres): maximum flotation service |
| HF-1 | High-flotation tyres: shallow rib tread |
| HF-2 | High-flotation tyres: regular lug tread |
| HF-3 | High-flotation tyres: deep lug tread |
| HF-4 | High-flotation tyres: extra deep lug tread |
| I-1 | Agricultural implement tyres: multi-rib tread |
| I-2 | Agricultural implement tyres: moderate traction service |
| I-3 | Agricultural implement tyres: traction tread |
| I-4 | Agricultural implement tyres: plough tail wheel service |
| I-5 | Agricultural implement tyres: steering service |
| I-6 | Agricultural implement tyres: Smooth tread |
| LS-1 | Logging and forestry service tyres: regular tread |
| LS-2 | Logging and forestry service tyres: intermediate tread |
| LS-3 | Logging and forestry service tyres: deep tread |
| LS-4 | Logging and forestry service tyres: shallow tread |
| R-1 | Agricultural tractor drive wheel tyres: regular tread |
| R-2 | Agricultural tractor drive wheel tyres: cane and rice service (deep tread) |
| R-3 | Agricultural tractor drive wheel tyres: flotation service (shallow tread) |
| R-4 | Drive wheel tyres: industrial service (construction application) |