



ALLIANCE  
AGRICULTURE  
  
TRA: **R-3**  
Speed Rating: **A8**

The Alliance 316 is a multi-purpose tractor that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.

TRACTOR - 12.4-16

| Size    | Rim                 | Unloaded Dimension |       | Loaded Static radius mm | Rolling Circumference mm | Load Index PR Symbols | Inflation Pressure bar | Recommended Load |            |         |   |         |         |         |         |         |
|---------|---------------------|--------------------|-------|-------------------------|--------------------------|-----------------------|------------------------|------------------|------------|---------|---|---------|---------|---------|---------|---------|
|         |                     |                    |       |                         |                          |                       |                        | Speed            |            |         |   |         |         |         |         |         |
|         |                     |                    |       |                         |                          |                       |                        | Field operation  |            |         | Not high and sustained torque; Road transport |         |         |         |         |         |
|         |                     |                    |       |                         |                          |                       |                        | High Torque      | Low Torque |         |   |         |         |         |         |         |
|         |                     | SW mm              | OD mm |                         |                          |                       |                        | 10 kmph          | 10 kmph    | 20 kmph | 10 kmph                                       | 20 kmph | 40 kmph | 50 kmph | 65 kmph | 70 kmph |
| 12.4-16 | W11<br>W10L<br>10LB | 315                | 931   | 429                     | 2783                     | 6PR                   | 1.5                    | 930              | 1220       | 1040    | 2000  | 1310    | 970     | 930     | 870     | 790     |
|         |                     |                    |       |                         |                          | 111A8                 | 2                      | 1100             | 1440       | 1240    | 2370  | 1550    | 1140    | 1100    | 1030    | 940     |
|         |                     |                    |       |                         |                          |                       | 2.2                    | 1170             | 1530       | 1310    | 2510  | 1640    | 1210    | 1170    | 1090    | 990     |
|         |                     |                    |       |                         |                          | 8PR                   | 2.4                    | 1230             | 1610       | 1380    | 2650  | 1730    | 1280    | 1230    | 1150    | 1050    |
|         |                     |                    |       |                         |                          | 116A8                 | 2.6                    | 1280             | 1680       | 1440    | 2760  | 1800    | 1330    | 1280    | 1200    | 1090    |
|         |                     |                    |       |                         |                          |                       | 2.8                    | 1340             | 1750       | 1500    | 2880  | 1880    | 1390    | 1340    | 1250    | 1140    |

The Size 12.4-16-8PR is no longer active for production

