

Agricultural Vehicle General Requirements Guide



Bridges

DO NOT cross a restricted bridge without a Permit



Pilots

Understand your Pilot requirements (see chart overleaf)



Orders

Orders have been developed to cover most agricultural vehicles. Familiarise yourself with the Operating Conditions



When do I need approval?

Approval via a Permit or Order is required from Main Roads when driving an oversize/overmass agricultural vehicle, including machines, towed implements and combinations, in excess of the mass and/or dimension limits specified below:

- 2.5m wide
- 4.3m high
- 12.5m long (rigid vehicle)
- 19m long (combination)
- 42.5t gross mass
- 6t on a single steer axle
- 10t on a twin steer axle group (non-load sharing suspensions)
- 11t on a twin steer axle group (load sharing suspensions)
- 9t on a single axle
- 16.5t on a tandem axle group
- 20t on a tri or quad axle group

When do I need a permit?

The two Agricultural Orders published by Main Roads cover most agricultural vehicles. A Permit is only required if the vehicle exceeds the parameters of the Orders, or the agricultural vehicle needs to cross a restricted bridge.

Orders cover the following agricultural vehicles:

- Machines and combinations up to 8.5m wide
- Machines and combinations up to 6m high
- Machines up to 12.5m long
- Combinations up to 40m long
- Machines with up to 14t on an axle with four tyres, subject to tyre size
- Combinations with up to 16t on an axle with four tyres, subject to tyre size
- Tracked machines with up to 14t per track on dual tracks and 7t per track on quad tracks

Other requirements

- **Bridge Crossing Permits** must be obtained to cross any restricted bridges.
- **“Oversize”** warning signs are required if your agricultural vehicle is more than 2.5m wide.
- At least one **amber warning light** must be visible in each direction if your agricultural vehicle is more than 2.5m wide.
- **Warning Flags** must be displayed on side projections more than 150mm and on front and rear projections more than 1.2m.



For more information, download a copy of the **Operating Conditions** at www.mainroads.wa.gov.au > **Heavy Vehicles** > **Permits and Orders** > **Agricultural Vehicles**

Agricultural Pilot Requirements Flow Chart

Start
How big is your agricultural vehicle ('vehicle' includes a machine, implement and combination)?

Notes

- Where a Licensed Pilot is specified, this can be substituted for an Agricultural Pilot as long as someone with a Heavy Vehicle Pilot License is in the lead Oversize Agricultural Vehicle, overseeing the pilots.
- If your Oversize Agricultural Vehicle consists of an auger or conveyor with a rear overhang exceeding 10m, it must be accompanied by at least one Agricultural Pilot to safely facilitate the excessive tail swing.
- A maximum of three agricultural combinations, each with up to three towed agricultural implements, may travel in convoy when required to be accompanied by a pilot.

RAV Mapping Tool - WA Agricultural Pilot Zones

<https://mrwebapps.mainroads.wa.gov.au/hvsnetworkmap>



Size

Required Pilots

