

# OUTDOOR - Tractors etc.

## - Guidance to personal protective equipment



### Mixing of products



### Application of products

Liquid products	Powdered products	Granules, tablets and water-soluble bags	Mixing of products without breaking the packaging	<p>If the application requires more comprehensive personal protection equipment than the mixture, put them on from the start as it is inappropriate to change one's personal protective equipment between the mixing and application.</p> <h3>Hazard pictograms and hazard phrases</h3> <p><b>In connection with at least one of following risk phrases:</b></p> <table border="0"> <tr> <td>H310</td> <td>H350i</td> <td>H361d</td> </tr> <tr> <td>H311</td> <td>H351</td> <td>H361f</td> </tr> <tr> <td>H330</td> <td>H360D</td> <td>H362</td> </tr> <tr> <td>H331</td> <td>H360DF</td> <td>H370</td> </tr> <tr> <td>H340</td> <td>H360F</td> <td>H371</td> </tr> <tr> <td>H341</td> <td>H360Fd</td> <td>H372</td> </tr> <tr> <td>H350</td> <td>H360FD</td> <td>H373</td> </tr> </table> <p><b>Possibly together with other hazard phrases than mentioned above or without hazard phrases</b></p>	H310	H350i	H361d	H311	H351	H361f	H330	H360D	H362	H331	H360DF	H370	H340	H360F	H371	H341	H360Fd	H372	H350	H360FD	H373	Spraying boom on vehicle and air assisted sprayers Closed operator cabin Bar less than 1 meter above the surface of the ground	Spraying boom on vehicle and air assisted sprayers Closed operator cabin and bar more than 1 meter above the ground (closed ventilation system) or Open operator cabin and bar less than 1 meter above the ground and a manometer pressure of 3 bars or below	Spraying boom on vehicle and air assisted sprayers Open operator cabin and bar more than 1 meter above the ground or Open operator cabin and bar less than 1 meter above the ground and a manometer pressure of 3 bars or above	Spraying boom on vehicle Spraying boom mounted with crop filter, rain drop nozzles or foam nozzles
H310	H350i	H361d																											
H311	H351	H361f																											
H330	H360D	H362																											
H331	H360DF	H370																											
H340	H360F	H371																											
H341	H360Fd	H372																											
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<ul style="list-style-type: none"> <li>▶ Full face mask with filter type A2P3</li> <li>▶ Protective suit without hood</li> <li>▶ Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>▶ Full face mask with filter type A2P3</li> <li>▶ Protective suit without hood</li> <li>▶ Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>▶ Half face mask with filter type A2P3</li> <li>▶ Apron</li> <li>▶ Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>▶ Gloves and boots</li> </ul>	<p><b>In operator cabin</b> Half face mask with filter type A2P2 New tractors that apply pesticides and liquid fertilisers are to be equipped with a category 4 cabin that protects against dust, liquid pesticides and their vapours. There will be no requirements for the use of face mask in category 4 cabins. It applies to both wheeled agricultural and forestry tractors covered by the Tractor Directive 2003/37/EC of 2 March 2011</p> <p><b>Outside the cabin</b> Half face mask with filter type A2P2 Protective suit with hood Gloves and boots</p>	<p><b>In operator cabin</b> Full face mask with filter type A2P3 New tractors that apply pesticides and liquid fertilisers are to be equipped with a category 4 cabin that protects against dust, liquid pesticides and their vapours. There will be no requirements for the use of face mask in category 4 cabins. It applies to both wheeled agricultural and forestry tractors covered by the Tractor Directive 2003/37/EC of 2 March 2011</p> <p><b>Outside the cabin</b> Half face mask with filter type A2P3 Protective suit with hood Gloves and boots</p>	<ul style="list-style-type: none"> <li>▶ Full face mask with filter type A2P3</li> <li>▶ Protective suit with hood</li> <li>▶ Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>▶ Full face mask with filter type A2P3</li> <li>▶ Protective suit with hood</li> <li>▶ Gloves and boots</li> </ul>																						
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1. Face mask can be avoided, if the product is not marked with H332, H334 or H335 (phrases that refer to danger or irritation by inhalation)

2. The combined filter A2P2 can be replaced by a filter of the type P2, if the product does not contain volatile substances or organic solvents

3. Face mask can be avoided, if:

- The product is not marked with H332, H334 or H335 or
- The product is marked with H332, H334 or H335, and is used when diluted more than a hundred times

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If the application requires more comprehensive personal protection equipment than the mixture, put them on from the start as it is inappropriate to change one's personal protective equipment between the mixing and application.



### Application of products

#### Hazard pictograms and hazard phrases

In connection with at least one of following risk phrases:



H310 H350 H360F H362  
 H311 H350i H360Fd H370  
 H330 H351 H360FD H371  
 H331 H360D H361d H372  
 H340 H360DF H361f H373  
 H341



Possibly together with other hazard phrases than mentioned above or without hazard phrases



Authorised products without category of danger

	Atomizing sprayer on vehicle Open operator cabin and vertical sprinkler bar or sprinkler bar mounted at the front of the tractor, cart, jeep, lorry or the like	Atomizing sprayer on vehicle Closed operator cabin (The ventilating system must be switched off)	Weedwiper	Backpack sprayer Application below knee-high	Backpack sprayer Application above knee-high	Hand-held sprayers
In connection with at least one of following risk phrases:	<ul style="list-style-type: none"> <li>Air supplied face mask</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Full face mask with filter type A2P3</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<p>Products in this category are not applied with a weedwiper</p>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P3</li> <li>Protective suit without hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Full face mask with filter type A2P3</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Full face mask with filter type A2P3</li> <li>Overall trousers or apron</li> <li>Gloves and boots</li> </ul>
Possibly together with other hazard phrases than mentioned above or without hazard phrases	<ul style="list-style-type: none"> <li>Full face mask with filter type A2P2</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2</li> <li>Safety goggles</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Overall trousers</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2 (See note 3)</li> <li>Overall trousers</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2</li> <li>Protective suit with hood</li> <li>Safety goggles</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2 (See note 3)</li> <li>Overall trousers or apron</li> <li>Gloves and boots</li> </ul>
Authorised products without category of danger	<ul style="list-style-type: none"> <li>Full face mask with filter type A2P2 (See note 2)</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2 (See note 2)</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Overall trousers</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Overall trousers</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2 (See note 2)</li> <li>Protective suit with hood</li> <li>Gloves and boots</li> </ul>	<ul style="list-style-type: none"> <li>Half face mask with filter type A2P2 (See note 3)</li> <li>Overall trousers</li> <li>Gloves and boots</li> </ul>

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 • The product is marked with H332, H334 or H335, and is used when diluted more than a hundred times