

EQUISETUM ARVENSE L.

| Crop and/<br>or situation<br>(a)   | Member<br>State<br>or<br>Country | Example<br>product<br>of<br><i>Equisetu<br/>m arvense</i><br>L. as<br>available<br>on the<br>market | F<br>G<br>or<br>I<br>(b) | Pests or<br>group of pests<br><br>controlled<br>(c)  | Formulation   |  | Application                               |   |   |  | Application rate                   |                           |   | Total<br>rate                                    | PHI<br><br>(days)<br><br>(m) | Remarks*  |
|--|----------------------------------|---|--------------------------|--|---|--|---|---|---|--|------------------------------------|---------------------------|---|--|------------------------------|---|
|  |                                  |   |                          |  | Type<br><br>(d-f)   | Conc of<br>a.i.<br><br>g/kg<br><br>(i) | Method<br>kind<br><br>(f-h)               | Growth<br>stage &<br>season<br><br>(j)  | No. of<br>application<br>min/max<br><br>(k) | Interval<br>between<br>applications<br><br>(min) | g a.i./hl<br>min max<br><br>(g/hl) | Water l/ha<br>min max     | Total rate each<br>application<br><br>g a.i./ha<br>min max<br><br>(g/ha)(l) | g a.i./ha<br>min<br>max<br><br>(g/ha)<br><br>(l) |                              |   |
| <i>Fruit trees</i><br><i>Apple fruit</i><br>( <i>Malus<br/>pumila, Malus<br/>domestica</i> )<br><br><i>Peach-tree</i><br>( <i>Prunus<br/>persica</i> ) | France                           | Homogen<br>ate of<br><i>Equisetu<br/>m arvense</i><br>L.  | F                        | Foliar fungi like<br>scab<br>disease: <i>Venturi<br/>a inaequalis</i> ,<br>Powdery<br>mildews:<br><i>Podosphaera<br/>leucotricha</i><br><br>Peach leaf curl<br><br><i>Taphrina<br/>deformans</i> | Disper<br>sible<br><br>Conce<br>ntrate<br><br>(DC)**<br>* | 2                                      | foliar<br>applicat<br>ion<br>sprayin<br>g | From<br>green<br>leaf tip<br>(BBCH<br>53) to<br>flowers<br>fading<br>(BBCH<br>67)<br><br>Spring | 2- 6  | 7<br><br>days                                    | 200                                | 500<br><br>to<br><br>1000 | 1000<br><br>to<br><br>2000  | 2000<br><br>to<br><br>12000                      | None                         | plant<br>homogenate<br>extracted with<br>hot water and<br>filtered to be<br>used<br><br>24 h after<br>preparation<br><br>( see Appendix<br>l) |

| Crop and/or situation<br>(a)                              | Member State or Country | Example product of <i>Equisetum arvense</i> L. as available on the market | F<br>G<br>or<br>I<br>(b) | Pests or group of pests controlled<br>(c)  | Formulation                                       |                             | Application  |   |                                   |  | Application rate               |                       |  | Total rate                               | PHI<br>(days)<br>(m) | Remarks*   |
|---|-------------------------|---|--------------------------|--|---|-----------------------------|--|---|-----------------------------------|--|--------------------------------|-----------------------|--|--|----------------------|--|
|   |                         |   |                          |  | Type<br>(d-f)                                     | Conc of a.i.<br>g/kg<br>(i) | Method kind<br>(f-h)   | Growth stage & season<br>(j)  | No. of application min/max<br>(k) | Interval between applications<br>(min) | g a.i./hl<br>min max<br>(g/hl) | Water l/ha<br>min max | Total rate each application<br>g a.i./ha<br>min max<br>(g/ha)(l) | g a.i./ha<br>min<br>max<br>(g/ha)<br>(l) |                      |  |
| <i>Grapevine</i><br><i>Vitis vinifera</i>                 | France                  | Homogenate of <i>Equisetum arvense</i> L.                                 | F                        | Downy mildews:<br><i>Plasmopara viticola</i> ,<br><br>Powdery mildews<br><br><i>Erysiphe necator</i>                                 | Dispersible<br><br>Concentrate<br><br>(DC)**<br>* | 2                           | foliar application<br>spraying                                     | From 1 <sup>st</sup> shoots (BCH10) to cluster tightening (BBCH57)<br><br>Spring to summer        | 2-6                               | 7<br>days                              | 200                            | 100<br>to<br>300      | 200<br>to<br>600   | 400<br>to<br>3600                        | None                 | plant homogenate extracted with hot water and filtered to be used<br><br>24 h after preparation<br><br>(see Appendix I)  |
| <i>Cucumber</i><br><i>roots</i><br><i>Cucumis sativus</i> | France                  | Homogenate of <i>Equisetum arvense</i> L.                                 | G                        | Powdery mildews:<br><i>Podosphaera xanthii</i><br><br>Root fungi<br><br>Like common root rot, seedling blight<br><i>Pythium</i> spp. | Dispersible<br><br>Concentrate<br><br>(DC)**<br>* | 2                           | Root feeding application and<br><br>foliar application<br>spraying | From (9th leaf unfolded on main stem – BBCH 19) to 9 or more primary side shoots visible (BBCH49) | 2                                 | 3-4<br>days                            | 200                            | 300                   | 600  | 1200                                     | 15 days              | plant homogenate extracted with hot water and filtered to be used<br><br>24 h after preparation<br><br>( see Appendix I) |

| Crop and/<br>or situation<br>(a)             | Member<br>State<br>or<br>Country | Example<br>product<br>of<br><i>Equisetum<br/>arvense</i><br>L. as<br>available<br>on the<br>market | F<br>G<br>or<br>I<br>(b) | Pests or<br>group of pests<br>controlled<br>(c)   | Formulation                               |                                | Application                    |  |   |  | Application rate               |                       |   | Total<br>rate                            | PHI<br>(days)<br>(m) | Remarks*   |
|--|----------------------------------|--|--------------------------|---|---|--------------------------------|--------------------------------|--|---|--|--------------------------------|-----------------------|---|--|----------------------|--|
|  |                                  |  |                          |   | Type<br>(d-f)                             | Conc of<br>a.i.<br>g/kg<br>(i) | Method<br>kind<br>(f-h)        | Growth<br>stage &<br>season<br>(j)                             | No. of<br>application<br>min/max<br>(k) | Interval<br>between<br>applications<br>(min) | g a.i./hl<br>min max<br>(g/hl) | Water l/ha<br>min max | Total rate each<br>application<br>g a.i./ha<br>min max<br>(g/ha)(l) | g a.i./ha<br>min<br>max<br>(g/ha)<br>(l) |                      |  |
| Tomato<br><i>Lycopersicon<br/>esculentum</i> | France                           | Homogenate of <i>Equisetum arvense</i> L.  | F                        | early blight:<br><i>Alternaria solani</i><br><br>Septoria blight<br><i>Septoria lycopersici</i> | Dispersible<br>Concentrate<br>(DC)**<br>* | 2                              | foliar application<br>spraying | First inflorescence visible (BBCH 51) to BBCH 59<br><br>Summer | 2                                       | 14<br>days                                   | 200                            | 300                   | 600   | 1200                                     | 15 days              | plant homogenate extracted with hot water and filtered to be used<br><br>24 h after preparation<br><br>( see Appendix I) |

\*\* The product cannot be applied in case of hot temperature. It is used in case of rainy period

\*\*\* The product is a plant homogenate extracted with hot water and filtered (decoction)

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| <p>* For uses where the column „Remarks. As above or other conditions to take into account</p> <p>(a) For crops, the EU and Codex classification (both) should be taken into account ; where relevant, the use situation should be described (e.g. fumigation of a structure)</p> <p>(b) Outdoor or field use (F), greenhouse application (G) or indoor application (I)</p> <p>(c) e.g. pests as biting and suckling insects, soil born insects, foliar fungi, weeds or plant elicitor</p> <p>(d) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR) etc..</p> <p>(e) GCPF Codes – GIFAP Technical Monograph N° 2, 1989</p> <p>(f) All abbreviations used must be explained</p> <p>(g) Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench</p> <p>(h) Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plant – type of equipment used must be indicated</p> | <p>(i) g/kg or g/L. Normally the rate should be given for the substance (according to ISO)</p> <p>(j) Growth stage at last treatment (BBCH Monograph, Growth Stages of Plants, 1997, Blackwell, ISBN 3-8263-3152-4), including where relevant, information on season at time of application</p> <p>(k) Indicate the minimum and maximum number of application possible under practical conditions of use</p> <p>(l) The values should be given in g or kg whatever gives the more manageable number (e.g. 200 kg/ha instead of 200 000 g/ha or 12.5 g/ha instead of 0.0125 kg/ha)</p> <p>(m) PHI - minimum pre-harvest interval</p> |
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