VINEGAR

Crop and/or situation (a)	F G I (b)	Target (c)	Product		Application				Application rate per treatment			PHI (days) (m)	Remarks (*)
			Type (d-f)	Conc of a.i. g/kg (i)	Method kind (f-h)	Growth stage and season** (j)	Number min max (k)	Interval between applications (min)	g a.i./hl min max (g/hl)	Water l/ha min max	g a.i./ha min max (g/ha) (l)		
Wheat seeds *Triticum vulgare* Common wheat *Triticum aestivum* Durum wheat *Triticum durum* Spelt *Triticum spelta*	F	fungi like Common bunt: *Tilletia caries* *Tilletia foetida*	Liquid for Seed Treatment (LS)	**25-50***	Seed treatment just before seeding	Autumn	1	None	**25-50* per 100 kg of Seed**	Not applicable	**24-100*‡**	None: Not applicable Seed treatment	
Barley seeds *Hordeum vulgare*		fungi like Barley leaf stripe *Pyrenophora graminea*											
Market vegetables Gardening like carrot *Daucus carota* tomato *Solanum lycopersicum* bell pepper *Capsicum spp*		fungi like Alternaria: *Alternaria spp*				Autumn to spring			Seeds are temporary soaked in the dilution then removed	Not applicable	Seeds are temporary soaked in the preparation then removed		
Market vegetables gardening like tomato *Solanum lycopersicum* bell pepper *Capsicum* spp Cabbage *Brassica oleracea*	F G	*Clavibacter Michiganensis Clavibacter Michiganensis* subsp. *michiganensis Pseudomonas syringae* pv. *Tomato Xanthomonas*	Liquid for Seed Treatment (LS)	**25-50***	Seed treatment just before seeding	*Autumn to spring*	1	None	Seeds are temporary soaked in the dilution then removed	Not applicable	Seeds are temporary soaked in the dilution then removed	None: Not applicable Seed treatment	

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		campestris pv. *Vesicatoria* *Botrytis aclada*											
White and red chestnut *Aesculus* L. Sycamore spp (option) *Acer* spp	F	Bacteria *Pseudomonas syringae* pv *aesculi*	Liquid for disinfection of mechanical cutting tools (LS)	**4****	Tools application before sawing or cutting **	*None*	1 per day to each time before use	1 tree	400	None: Not applicable	None: Not applicable	None: Not applicable	**Waiting period 30 seconds after washing**
Hawthorns (Rosaceae) *Crataegus* spp. *Amelanchir, Aronia, Chaenomeles, Cotoneaster, Cydonia, Malus,Photinia, Potentilla, Prunus, Pyracantha, Prunus, Pyrus, Rosa, Sorbus* and *Spiraea*		Fire blight *Erwinia amylovora*											
Many ornamental plants including *Acer, Cotoneaster, Euonymus, Forsythia, Magnolia, Philadelphus, Populus, Prunus, Pyrus, Rosa, Rubus, Syringa* and *Vaccinium*		Bacterial blight /canker *Pseudomonas syringae* pv. *syringae*											
Plane sp, *Platanus, Prunus* sp, Chestnut sp, *Aesculus* L. *Sophora* spp, Linden sp *Tilia*		rot fungi, especially phellins *Phellinus*, Tinder polypore and ruffled *Fomes fomentarius*											
Elm (elm other than Lutèce) *Ulmus* spp		vascular fungi *Ophiostoma* spp											
Maple sp, *Acer* sp.		wilt disease											

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Ailanthe sp *Ailanthus altissima*		*Verticillium* spp											
Maple sp, *Acer* sp.; Sycamore, *Acer* spp; Chestnut sp, *Aesculus* L.; Beech sp, *Fagus* spp.		Sooty-Bark disease *Cryptostroma corticale*											

* **expressed as acetic acid. 1/1 dilution of vinegar/water L/L**
** **expressed as acetic acid. 50 mL/1 L dilution of vinegar/water for vinegar at 8% acetic acid**
‡ **Considering 0.9 to 2 qt of seeds per ha.**

(*) For uses where the column „Remarks. As above or other conditions to take into account
(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)
(b) Outdoor or field use (F), greenhouse application (G) or indoor application (I)
(c) *e.g.* pests as biting and sucking insects, soil born insects, foliar fungi, weeds or plant elicitor
(d) *e.g.* wettable powder (WP), emulsifiable concentrate (EC), granule (GR) etc..
(e) GCPF Codes – GIFAP Technical Monograph N° 2, 1989
(f) All abbreviations used must be explained
(g) Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench
(h) Kind, e.g. overall, broadcast, aerial spraying, row, individual plant,
(i) g/kg or g/L. Normally the rate should be given for the active substance (according to ISO)
(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
(k) Indicate the minimum and maximum number of application possible under practical conditions of use
(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
(m) PHI - minimum pre-harvest interval between the plant – type of equipment used must be indicated