

GREENMIX-SB

Basic Substance. *Urtica spp.* with plant protection function as insecticide, acaricide and fungicide.

Physical-Chemical Properties:

Physical state: Liquid

Solubility: miscible with water.

Stability: Stable under normal conditions of use, handling, storage and closed container.

Density: 1.019 gr/ml

pH: 5,4±1

Not classified as a product dangerous according to regulation (CE) 1272/2008 (CLP).

Urtica dioica: CAS N° 84012-40-8

Composition:

Concentrated extract produced from 750g dry plant *Urtica spp* per liter.

Registration Number

Urtica spp Basic substance meets the criteria to be considered a food according to the definition of Article 2 of Regulation (EC) No. 178/2002 of the European Parliament and of the Council. Approved in accordance with article 23 of regulation (EC) No. 1107/2009 concerning the placing of plant protection products on the market. Approved by the implementing regulation (EU) No. 2017/419. It will be used in accordance with the specific conditions of SANTE 11809/2016 report. Product respects the annexes of EU 834/07 and 889/08.

Packaging:

60ml, 1L, 5L, 20L, 200L and 1000L.

Action mechanisms and use:

GREENMIX-SB composed of *urtica spp*, food substance with protection function in plants.

Application instructions

Foliar application: Make between 1 and 5 applications every 7-15 days.

Suggested doses of mixed product (diluted) are in accordance with the standards of use described in SANCO documents 11809/20116 (see tables below to verify crops and pests in which they can be used)

GREENMIX-SB

Uses against insects

Crop and/or situation (a)	Member State or Country	Example product name as available on the market	F G I (b)	Pests or group of pests controlled (c)	Formulation		Application			Application rate per treatment			Total rate g a.i./ha min max (g/ha) (l)	PHI (days) (m)	Remarks (*,**) (n)
					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/ha)	Water l/ha min max			
Fruit trees Apple tree <i>Malus domestica</i> , Plum tree <i>Prunus domestica</i> , Peach tree <i>Prunus persica</i> , redcurrant <i>Ribes rubrum</i> , Walnut tree <i>Juglans sp.</i> , Cherry tree <i>Prunus sp.</i>	Proposed by France All member states	Nettle extract	F	peach-potato aphid <i>Myzus persicae</i> , <i>Macrosiphum rosae</i> , woolly apple aphid <i>Eriosoma lanigerum</i> , Currant aphid <i>Cryptomyzus ribis</i> , Walnut aphid <i>Callaphis juglandis</i> , Black cherry aphid <i>Myzoscera si</i>	Dispersible Concentrate (DC) Filtration	Foliar spraying or Shoot spraying Directly on aphids	Spring Summer until BBCH87 (fruit ripe for picking)	1 to 5	Min. 7 days Commonly 15 days	1500 g/ha (dry matter)	300 to 900 l/ha	4500 to 13500 g/ha	4500 to 67500 g/ha	7 days	Preventive treatment is inefficient 24h of maceration at 20°C is enough
Black bean aphid <i>Aphis fabae</i>				Spring Summer until BBCH89 (fully ripe)							300 to 500 l/ha	4500 to 7500 g/ha	4500 to 37500 g/ha		
Bean, for example french bean <i>Phaseolus vulgaris</i>			F	Peach-potato aphid <i>Myzus persicae</i>			Spring Summer until BBCH49 (end of tuber formation)				300 to 500 l/ha	4500 to 10000 g/ha	4500 to 50000 g/ha		

Leaf Vegetables: Lettuce <i>Lactuca sativa</i> , Cabbage <i>Brassica oleraceae</i>	Proposed by France All member states	Nettle extract	F	Aphids, for example: cabbage aphid <i>Brevicoryne brassicae</i> , <i>Nasonovia ribisnigri</i>	Dispersible Concentrate (DC) Filtration	Foliar spraying or Shoot spraying Directly on aphids	Spring Summer until BBCH19 (9 or more true leaves unfolded)	1 to 5	Min. 7 days Commonly 15 days	1500 g/ha (dry matter)	300 to 500 l/ha	4500 to 7500 g/ha	4500 to 37500 g/ha	7 days	Preventive treatment is inefficient 24h of maceration at 20°C is enough
Elder tree <i>Sambucus racemosa</i>				Elder aphid <i>Aphis sambuci</i>			Spring Summer				400 to 800 l/ha	6000 to 12000 g/ha	6000 to 60000 g/ha		
Rose <i>Rosa sp.</i>				Rose aphid <i>Macrosiphum rosae</i>							300 to 600 l/ha	4500 to 9000 g/ha	4500 to 45000 g/ha		
<i>Spiraea sp.</i>				<i>Aphis spiraeaphaga</i>											
Brassicaceae (cabbage) <i>Brassica oleraceae</i> , Rapeseed <i>Brassica napus</i> , Radish <i>Raphanus sativus</i>			F	fleabeetle <i>Phyllotretanemorum</i> ,		Foliar spraying	Spring Summer until BBCH19 (9 or more true leaves unfolded)	1 to 6	Min. 7 days Commonly 15 days		300 to 500 l/ha	4500 to 10000 g/ha	4500 to 60000 g/ha		
			F	diamondbackmoth <i>Plutella xylostella</i>		Foliar spraying	Spring Summer until BBCH49 (typical leaf mass reached)	1 to 6	Min. 7 days Commonly 15 days		300 to 500 l/ha	4500 to 10000 g/ha	4500 to 60000 g/ha		
Apple tree <i>Malus domestica</i> Peer tree <i>Pyrus communis</i>			F	Codlingmoth <i>Cydipomona</i>		Foliar spraying	2 Treatments in April, 1 treatment in May	3	15 days		300 to 900 l/ha	4500 to 13500 g/ha	13500 to 40500 g/ha		

NB: the quantities of fresh nettle (or dry matter) (a.i.) written represents the quantities of nettle used in the recipe, but not the quantities that are effectively put in field – there is a filtration before.

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Uses against acarids

Crop and/or situation (a)	Member State or Country	Example product name as available on the market	F G I (b)	Pests or group of pests controlled (c)	Formulation		Application			Application rate per treatment			Total rate	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	Water l/ha min max				g a.i./ha min max (l)
Bean, for example french bean <i>Phaseolus vulgaris</i>	Proposed by France All member states	Nettle extract	F	two-spotted spider mite <i>Tetranychusurticae</i>	Dispersible Concentrate (DC)	Up to 75 l/L (fresh nettle) Or 15 g/L (dry matter)	Foliar spraying	Spring Summer until BBCH89 (fully ripe)	1 to 6 (commonly 3)	7 to 21 days (Commonly two or three weeks)	1500 g/hl (dry matter)	300 to 500 l/ha	4500 to 7500 g/ha	4500 to 45000 g/ha	7	24h of maceration at 20°C is enough
Grapevine <i>Vitisvinifera</i>				two-spotted spider mite <i>Tetranychusurticae</i> Red spider mite <i>Tetranychustelarius</i>	Filtration		Spring Summer until BBCH89 stage	1 to 6 (three before flowering, three after flowering)			300 to 600 l/ha	4500 to 9000 g/ha	4500 to 54000 g/ha			

NB: the quantities of fresh nettle (or dry matter) (a.i.) written represents the quantities of nettle used in the recipe, but not the quantities that are effectively put in field – there is a filtration before.

Recommendations:

Adjust the pH to 5.5-6.

Do not mix with Sulphur.

Avoid application during extreme hot. To be used only where there is a recognized need and do not exceed the recommended dosage.

Security Deadlines

Zero Residue product.

Storage and handling:

Keep out of the reach of the sun and humidity. Storage temperature: 10-35°C. In case of spillage, should be cleaned the area with water and not pour into to the environment.

Caution:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves, protective clothing and face protection.

P411: Store at temperatures not exceeding 35°C

P501: Dispose of contents according to your local laws.

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Warranty:

Our products are not phytotoxic at the recommended doses, stages and application methods. Mix according to the label, respects the safety periods and prohibitions of the products applied previously and those that it intends to apply later. In case of doubt contact the technical assistant.