



List of phytosanitary (biopesticides) approved and authorized in organic agriculture

INSECTIDES AND ACARICIDES

Matière active	Conc.	T.F.	P.Commercial	Use
Bacillus TH. Ber.V.Kurst	16000 Ul/mg	SC	Ecotech-PRO	Oak : Gipsy moth (<i>Lymantria dispar</i>), Pine Processionary (<i>Thaumetopoea pityocampa</i>): 1,5 L/ha ULV + 3,5 L of water (Air treatment) Date palm : Carob moth (<i>Ectomyelois ceratoniae</i>): 2 L P.C + 2 L of water/ha (Air treatment) Lemon : Citrus flower moth (<i>Prays citri</i>) : 350 cc/hl
BT	16000 Ul/mg	WP	Dipel P. M	Olive : Olive moth (<i>Prays oleae</i>) : 1 Kg/ha
			Bactospeine 16000	Oak : Gipsy moth (<i>Lymantria dispar</i>) : 1 Kg/ha
			Ecotech-BIO	Potato : Potato tuber moth (<i>Phthorimaea operculella</i>) : 300 g/hl Pomegranate : Carob moth (<i>Ectomyelois ceratoniae</i>) : 50 g/hl
BT	1 %	PP	Bactospeine 1%	Potato : Potato tuber moth (<i>Phthorimaea operculella</i>) : 3 kg/T Date palm : Carob moth (<i>Ectomyelois ceratoniae</i>) : 100 g/palm tree
BT	13000 Ul/mg	SC	Bactospeine XLV-13	Date palm : Carob moth (<i>Ectomyelois ceratoniae</i>) : 2 L P.C + 3 L of water/ha (Air treatment)
BT	13000 Ul/mg	ULV	Biobit XL	Olive : Olive moth (<i>Prays oleae</i>): 1,5 L/ha on ULV Date palm : Carob moth (<i>Ectomyelois ceratoniae</i>): 2,5 L P.C.+ 2,5 L of water/ha (Air treatment)
Borax	0.99%	****	Pre-vam	Tomato : Mites: 300 cc/hl; whiteflies: 320 cc/hl Vine : Mealybugs:300 cc/hl
Ascorbic Acid	25g/L	****	Preserve Pro	Tomato : - <i>Botrytis cinerea</i> : 100 ml/hl - <i>Fusarium</i> : 75 cc/hl
Mineral oil	97 %	EC	Afroil N	Citrus : Citrus leafminer (<i>Phyllocnistis citrella</i>): 1 L/hl (alone); 0,4 L/hl on association with a biological insecticide approved on leafminer. Vine : Scale insect : 1,5 L/hl (winter treatment) Apple : Mites : 1,5 L/hl (winter treatment)
			Arbole	
			Citrole	
			Diver	
			Laincol	
			Ovipron	
Mineral oil	92 %	EC	Sunspray 7 E	Citrus : Citrus leafminer (<i>Phyllocnistis citrella</i>) : 1 L/hl (alone) ; 0,4 L/hl on association with a biological insecticide approved on leafminer. Vine : Scale insect : 1,5 L/hl (winter treatment) Apple : Mites : 1,5 L/hl (winter treatment)
				Tomato greenhouse : Leafminers : 60 cc/hl Tomato : - <i>Tuta absoluta</i> : 50 cc/hl - African bollworm : 60 cc/hl Greenhouse crops : Whiteflies : 60 cc/hl Strawberry and vine : Thrips : 40 cc/hl Vine : grape worm: 40 cc/hl Potato storage : Potato tuber moth (<i>Phthorimaea operculella</i>) : 10 cc/hl by spraying or soaking Apple and Pear : - Codling moth: 60 cc/hl - Pear psylla: 60 cc/hl
Spinosade	240 g/l	SC	Tracer 240 SC	Citrus : Medfly (<i>Ceratitidis capitata</i>) : - 1 L/ha (Ground treatment) - 1,25 L/ha (Air treatment)

▪ **FUNGICIDES**

Matière active	Conc.	T.F.	P.Commercial	Use
Citric acid + Mentha oil + Adjuvant	16 %+ 0,8% + 48%		Fungastop	Potato : Late blight : 200 cc/hl Tomato : Late blight, powdery mildew, bacterial : 200cc/hl Cucurbit : Powdery mildew, downy mildew, Pythium, Fusarium: 200 cc/hl Strawberry : Gray mold (<i>Botrytis cinerea</i>) : 200 cc/hl
Borax	0,99%		Pre-vam	Vine : Powdery mildew : 200 cc/hl; Mildew: 300 cc/hl; Botrytis cinerea: 300 cc/hl Strawberry : Gray mold (<i>Botrytis cinerea</i>) : 300 cc/hl
Copper metal	50 %	WP	Cuprene	Potato : Late blight : 400 g/hl Vine : Mildew, Black-rot, Bacterial : 1 Kg/hl Strawberry : Angular leaf spot and leaf scorch : 400 g/hl (winter treatment : 1 Kg/hl) Tomato : Late blight, Bacterial : 400 g/hl Tree : Bacterial, Coryneum, Canker, Leaf curl, Fireblight, Scab, Septoria : 500 g/hl
			Calli cuivre 50	
			Cuprocat P.M	
			Cobox	
			Vitricuivre	
			Cuprocuiivre	
			Kocide 101	
			Cuivox	
			Ugecupric	
			Cuprenox 50	
			Oxychlorure de cuivre	
			Covicampo 50	
			Curenox	
			Hidrocobre 50 valles	
			Oxicol 50	
			Funguran	
			Bleu Diamant	
Coproxy				
	20 %	WG	Bouillie Bordelaise	Vine : Mildew : 1,5 kg/hl
Copper hydroxide	53,8 % (350 g/kg Cu)		Kocide 2000	Apple : Scab : 150 g/hl Peach : Leaf curl : 200 g/hl
Sulphur	80 %	WG	Cosavet	Wheat, Barley : Powdery mildew : 12 Kg/ha Vine : Powdery mildew, Phomopsis cane and leaf spot, mites : 1 Kg/hl Vegetable crops : Powdery mildew, Tomato Russet mites : 600 g/hl Tree : Powdery mildew : 400 g/hl Ornamental crops : Powdery mildew, Diplocarpon : 400 g/hl
			Thiolux jet	
			kumulus DF	
			Agrosoufre	
			Wettasul	
		Thiovit		
		WP	Solfo M	
			Soufrugec	
			Microthiol Speciale	
			Azufre	
			Microlux	
			Microzol	
			Thiosol	
			Sufrite 80	
Citrothiol				

▪ NEMATOCIDES

Matière active	Conc.	T.F.	P.Commercial	Use
Bacillus (C 100B+B 99)	13 g/l		Novibiotec 7996	Vegetables crops : Nematodes : 100 ml/m ² Potato : Nematodes : 10 ml/m ² Citrus : Nematodes : 20 ml/arbre Fruit trees : Nematodes : 20 ml/tree Cereals : Nematodes : 5 ml/m ²

▪ DIVERS

Matière active	Conc.	T.F.	P.Commercial	Use
Paraffin oil	125 g/l	H	Suspray	Tree : wetting : 1 L/ha Potato : 400 cc/hl Betterave, maize : M. Herbes : 6 L/ha
Hydrolysed proteins	350 g/l	SC	Lysatex	Attractive food : Dacus, Ceratite: - 300 cc/hl (Ground treatment). - 1 L/ha (Air treatment).
			Hydrolysate-Prot	