



2023-240

du 8 avril

La Liste des produits de
biocontrôle (DGAL/SDQSPV)Le % de s.a.
de
biocontrôle

48%

La lettre BioV*

S comme Substances					
Qui	Quoi	Où	Quand	Réglementation	Pourquoi
	substance «virus de la mosaïque jaune de la courgette (souche bénigne)»	Reg. Ex. (UE) 2018/155	31 mai 2023	Reg. (CE) 540/2011	Fin d'approbation

P comme Publication						
Qui	Titre	Journal	Quand	Comment	Sujet	
Chen W, Wu Z, He Y	Isolation, purification, and identification of antifungal protein produced by <i>Bacillus subtilis</i> SL-44 and anti-fungal resistance in apple	<i>Environmental Science and Pollution Research</i>	2023		<i>Bacillus subtilis, Antifungal protein, Biological control, Antifungal mechanism, Agricultural applications</i>	P P P
Yu L, Lin K, Xu L, Cui J, Zhang Y, Zhang O, Yue F, Yan L	Downy mildew (<i>Peronospora aestivalis</i>) infection of alfalfa alters the feeding behavior of the aphid (<i>Therioaphis trifolii</i>) and the chemical characteristics of alfalfa	<i>J Pest Sci</i>	2022		<i>Pathogen infection, Electrical penetration graph, Host selectivity, Nutrient, Volatiles</i>	
Das T, Singh T, Sonnad P	Broomrape (<i>Orobancha</i> sp.) Management in Indian Mustard	<i>Chronicle of Bioresource Management</i>	2023		<i>Broomrape, mustard, parasitic weeds</i>	
Kaçar G, Butrón A, Kontogiannatos D et al., Haddi K	Recent trends in management strategies for two major maize borers: <i>Ostrinia nubilalis</i> and <i>Sesamia nonagrioides</i>	<i>Environmental Science and Pollution Research</i>	2023		<i>Maize agroecosystems, Stem borers, Bioecology, IPM, Biological control</i>	
Luo P, Qin D, Wu H et al.	Azadirachtin affected the intestinal structure and microbiota of adult <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) while controlling <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae)		2023		<i>Intestinal microbes Columnar cells</i>	
Gutierrez AP, Sabbatini Peverieri G, Ponti L et al.	Tritrophic analysis of the prospective biological control of brown marmorated stink bug, <i>Halyomorpha halys</i> , under extant weather and climate change		2023		<i>Biological control, System analysis, Population dynamics, Physiologically based demographic modeling (PBDM), GIS, Egg parasitoids, Tachinid parasitoids, Climate change</i>	
Rumeau M, Marsden C, Ait-Mouheb N, Crevoisier D, Pistocchi C	Fate of nitrogen and phosphorus from source-separated human urine in a calcareous soil	<i>Environmental Science and Pollution Research</i>	2023		<i>Source separation, Fertilization, Hydrus, Ammonia volatilization</i>	B I O S T I M

* : biorationals, biostimulants, biocontrôle / Bio Control Agent (BCA), biological control, AB