



ENTOMO CONVERSION

Newsletter on Insects for feed, food and bioconversion of organic substrates

Items published between 01 april 2023 and 30 september 2023

This newsletter is produced by a research team on entomoconversion and the “Direction pour la Science Ouverte” (DipSO). It is the result of multi- source monitoring (media, articles, ...).

Scope :

- **Europe/France**
- **Thematics axes** : insects (*Tenebrio molitor* et *Hermetia Illucens*) , substrates (organic waste, by-products, ...), industrial applications and products (frass, fertilizer, ...)
- **Sources** : articles, information on ongoing and completed projects, regulatory documents, calls for expressions of interest, private sector activities.

Note : Items in this newsletter do not represent INRAE's position.

Substrate - media

- o WInScale BRINGING THE PLASTIC WASTE TRANSFORMATION BY THE INSECTS AT SCALE
- o How Gene-Edited Insects Are Providing Food, Fuel and Waste Disposal
- o This M'sian biz already uses insects to treat waste & make pet food, next up is human food
- o Study to explore how livestock waste and insects can generate clean energy
- o Slashdot: Insects Could Help Turn Beer Waste Into Beef
- o USDA Funds Research Led by PVAMU Scientist Focused on Utilizing Insect Larvae to Combat Food Waste
- o Could insect digestion solve the waste crisis? - CSIRO
- o Leeds University and Entocycle to investigate the safety and efficacy of feeding insects pig manure

Substrate - articles

- o Exploring Insect-based technology for waste management and livestock feeding in selected South and East Asian countries
- o Insect-based agri-food waste valorization: Agricultural applications and roles of insect gut microbiota
- o Exploration of Converting Food Waste into Value-Added Products via Insect Pretreatment-Assisted Hydrothermal Catalysis
- o Insects, Vol. 14, Pages 359: Impact of the Diet on the Mortality and on Gene Expression of the Antimicrobial Peptide Tenecin 3 in *Tenebrio molitor* Larvae Infected by *Beauveria bassiana*

Product - media

- o Nutrition Technologies Launches Vitalis™ A Liquid Bio-fertilizer from Insect Frass
- o Insect protein consortium urges producers to rethink on-pack branding amid macroeconomic issues
- o How insect protein helps improve gut health and digestibility in ... - BusinessLine
- o Insect protein: Bühler teams ups with BSF genetics specialist
- o Insect protein: From ridicule to laboratory-validated reality
- o Bühler, Entocycle embark on collective elevation of insect protein industry
- o World's largest insect protein plant underway in Spain - WATTAgNet Industry News & Trends
- o Aquafeed.com | F3 Krill Replacement Challenge: The attraction of insect meal
- o Aquafeed.com | F3 Krill Replacement Challenge: Insect protein to replace krill
- o US investment firm Eat & Beyond completes insect protein company acquisition | IntraFish.com
- o Insect protein trends: Segmented supply chains, gene editing and ... - FeedNavigator.com
- o Cost of insect meal production could drop by 25%
- o The bug diet? Insect protein may slow weight gain, promote better health
- o Study: Insect protein slows weight gain, boosts health status in obese mice
- o Insect protein snack gains favor in Vietnam
- o Insect protein giant Insect targets profitability with a new CEO and ... - AgFunderNews
- o Bunge Ventures becomes investor for Nutrition Technologies to scale-up insect protein
- o Finnish insect protein startup supplying organic layer producer
- o Aquafeed.com | Flylab, Kasetsart University test the impact of insect meal on shrimp growth performance
- o Feeding tech for insect breeding systems supplied to Austrian farm WEDA Dammann & Westerkamp, a German liquid feeding supplier, has sold a liquid feeding system for the larvae of the black soldier fly to the Viennese company Livin Farms AgriFood GmbH. Livin Farms is a developer and manufacturer of...
- o Nutrition Technologies launches Diptia™ biofertilizer from insect frass
- o Combined effects of probiotics and insect meal on pig health
- o Insect protein meal; A holistic nutrition
- o BioMar and Agronutris team up to develop insect meal for aquaculture

- o Insect meal, a functional protein source to help fill the protein gap
- o Bug-Based Dog Dental Chews - These Dental Chews for Dogs by Jiminy's are Made with Insect Protein (TrendHunter.com)
- o Insect protein: Innovafeed expands production site in France
- o How France became the unlikely home of the insect-farming industry?
- o Robert Downey Jr.-backed insect protein company pivots away from ... - IntraFish
- o Insect protein company Entobel secures funding in Vietnam
- o Kovai BSF promotes insect meal in pet food
- o Nutrition Technologies exports insect meal and oil to EU and UK

Product - articles

- o Frass fertilizers from mass-reared insects: species variation, heat treatment effects, and implications for soil application
- o Sustainability, Vol. 15, Pages 13735: Comparative Assessment of Insect Processing Technologies for Sustainable Insect Protein Production
- o Bioaccumulated provitamin A in black soldier fly larvae is bioavailable and capable of improving vitamin A status of gerbils - ScienceDirect
- o Chemical and Physical Properties of African Catfish (*Clarias gariepinus*) Fillet Following Prolonged Feeding with Insect Meal-Based Diets
- o Effect of different inclusion levels of defatted *Hermetia illucens* larvae meal on fillet quality of gilthead sea bream (*Sparus aurata*) in: Journal of Insects as Food and Feed - Ahead of print
- o Dietary protein, lipid and insect meal on growth, plasma biochemistry and hepatic immune expression of lake whitefish (*Coregonus clupeaformis*).
- o Effect of Dietary Insect Meal and Grape Marc Inclusion on Flavor Volatile Compounds and Shell Color of Juvenile Abalone *Haliotis iris*
- o Structural, physicochemical, and immune-enhancing properties of edible insect protein isolates from *Protaetia brevitarsis* larvae
- o The Insects as a Workforce for Organic Fertilizers Production – Insect Frass
- o Insects, Vol. 14, Pages 434: Potential Application of Black Soldier Fly Larva Bins in Treating Food Waste

Industrials applications - media

- o Microalgae digested by insects boost dairy cows' immunity - All ... - All About Feed
- o Insects for stock feed protein...Matopos Research Institute champions farming innovation
- o FLYLAB AND SANYO TRADING ASIA FORMALISE LOI FOR EXCLUSIVE INSECT-BASED FEED COLLABORATION
- o Study finds sustainable insect-based poultry feed garners lower weight gain
- o Nasekomo to scale up insect production for pet food and animal feed - FeedNavigator.com
- o Nigeria's billion-dollar insect-based animal feed opportunity - How we made it in Africa
- o Should you feed your dog insect-based food?
- o Maltento secures \$3.3m to grow insect-based feed solutions
- o Aquafeed.com | Insect producer Agroloop and feed producer UBM team up for insect mission
- o Can innovative animal feed help combat #ClimateChange? These entrepreneurs from Tanzania are betting on insects for a more sustainable future
- o Texas A&M hosts first Insects as Food and Feed symposium ... - AgriLife Today
- o The consortium led by Vitafort Zrt. is developing the production technology of insect-based protein feed
- o Japan's Sumitomo taps into insect feed business - Nikkei Asia

Industrials applications - articles

- o African traditional use of edible insects and challenges towards the future trends of food and feed
- o Sustainability, Vol. 15, Pages 11006: Insect-Based Feed Acceptance amongst Consumers and Farmers in Ireland: A Pilot Study
- o Could Insect Products Provide a Safe and Sustainable Feed Alternative for the Poultry Industry? A Comprehensive Review

Substrate - media

Sources : mainstream media, regulatory sources, institutionnal, company,...

29/08/2023

WInScale BRINGING THE PLASTIC WASTE TRANSFORMATION BY THE INSECTS AT SCALE

The traditional linear plastic industry business model results in an ever-growing amount of accumulated waste which contributes significantly to the negative environmental impact of the global plastic industry. One of the biggest issues concerning ...

cordis.europa.eu



28/08/2023

How Gene-Edited Insects Are Providing Food, Fuel and Waste Disposal

Companies are recruiting black soldier flies and mealworms as a protein source in animal feed, fertilizer, biofuels and even as ingredients for ...

www.scientificamerican.com

[black soldier fly](#) [hermetia illucens](#)

[mealworm](#) [tenebrio molitor](#)



28/08/2023

This M'sian biz already uses insects to treat waste & make pet food, next up is human food

Entomal is a Malaysian startup using black soldier flies (BSF) to treat food waste while creating products such as insect-based pet food.

vulcanpost.com

[black soldier fly](#)



05/07/2023

Study to explore how livestock waste and insects can generate clean energy

A new project has received Defra funding to explore how livestock waste and insect farming can generate clean energy, whilst providing comme...

www.farminguk.com

01/07/2023

Slashdot: Insects Could Help Turn Beer Waste Into Beef

Insects Could Help Turn Beer Waste Into Beef
Published on July 02, 2023 at 03:29AM "People do not like eating insects. Livestock are less picky," writes the Economist. Of course, the insects need to eat, too. To date, they have mostly been reared ...

shamelesslyplugged.blogspot.com



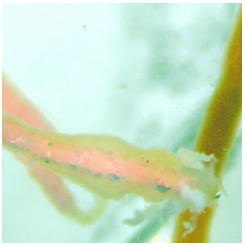
25/05/2023

USDA Funds Research Led by PVAMU Scientist Focused on Utilizing Insect Larvae to Combat Food Waste

...BSFL in poultry diets."The frass fertilizer generated will increase income for farmers through selling organic fertilizer or save the farmers ...

www.pvamu.edu

[black soldier fly](#) [hermetia illucens](#)



17/05/2023

Could insect digestion solve the waste crisis? - CSIRO

CSIRO researchers are peering into the digestive processes of insects to see what happens when they are exposed to plastics. Do insects consume ...

www.csiro.au

[black soldier fly](#)

[mealworm](#)



19/04/2023

Leeds University and Entocycle to investigate the safety and efficacy of feeding insects pig manure

UK insect production technology provider, Entocycle, is collaborating with Leeds University on a project to advance research into the use of ...

www.feednavigator.com

[black soldier fly](#)

13/08/2023

Exploring Insect-based technology for waste management and livestock feeding in selected South and East Asian countries

Exploring Insect-based technology for waste management and livestock feeding in selected South and East Asian countries Salam, M., Zheng, L., Shi, D., Huaili, Z., Vambol, V., Chia, S. Y., Hossain, N., Mansour, A., Eliw, M., Dong, M., shazadi, ...

research.wur.nl

[black soldier fly](#)

05/06/2023

Exploration of Converting Food Waste into Value-Added Products via Insect Pretreatment-Assisted Hydrothermal Catalysis

The environmental burden of food waste (FW) disposal coupled with natural resource scarcity has aroused interest in FW valorization; however, transforming FW into valuable products remains a challenge because of its heterogeneous nature. In ...

pubmed.ncbi.nlm.nih.gov

[black soldier fly](#)

19/06/2023

Insect-based agri-food waste valorization: Agricultural applications and roles of insect gut microbiota

Meeting the demands of the growing population requires increased food and feed production, leading to higher levels of agri-food waste. As this type of waste seriously threatens public health and the environment, novel approaches to waste management ...

pubmed.ncbi.nlm.nih.gov

04/04/2023

Insects, Vol. 14, Pages 359: Impact of the Diet on the Mortality and on Gene Expression of the Antimicrobial Peptide Tenecin 3 in *Tenebrio molitor* Larvae Infected by *Beauveria bassiana*

Large-scale insect rearing can be subjected to microbial infections, leading to serious economic losses. When possible, the use of antibiotics is to be avoided for insects intended as feed or food and new strategies to preserve the health of ...

www.mdpi.com

[tenebrio molitor](#)

Product - media

Sources : mainstream media, regulatory sources, institutionnal, company,...



25/09/2023

Nutrition Technologies Launches Vitalis™ A Liquid Bio-fertilizer from Insect Frass

Vitalis™ is a patent pending, 100% natural bioactive spray developed by Nutrition Technologies, derived from Black Soldier Fly (BSF) frass that ...

farmersreviewafrica.com

black soldier fly



25/09/2023

Insect protein consortium urges producers to rethink on-pack ...

--- The ValuSect project – a consortium that promotes the use of insects as a sustainable source of protein – has showcased the main results ...

www.foodingredientsfirst.com

black soldier fly

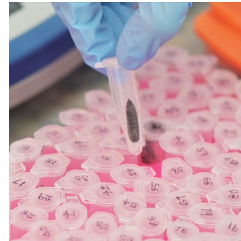
yellow mealworm

17/09/2023

How insect protein helps improve gut health and digestibility in ... - BusinessLine

How insect protein helps improve gut health and digestibility in ... BusinessLine

www.thehindubusinessline.com



06/09/2023

Insect protein: Bühler teams up with BSF genetics specialist

Bühler, following on from its recently announced collaboration with UK company, Entocycle, is now partnering with NRGene Technologies, an Israeli

...

www.feednavigator.com

black soldier fly

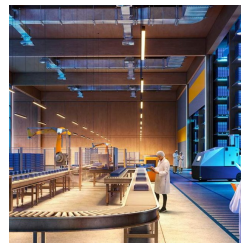


06/09/2023

Insect protein: From ridicule to laboratory-validated reality

In this month's Food Forensics column, Alison Johnson discusses the food safety issues you will need to consider when dealing with insect pro...

www.foodmanufacture.co.uk



04/09/2023

Bühler, Entocycle embark on collective elevation of insect protein industry

The two companies have partnered to offer end-to-end solutions supporting industrial-scale insect processing operations.

www.petfoodprocessing.net

black soldier fly



30/08/2023

World's largest insect protein plant underway in Spain - WATTAgNet Industry News & Trends

World's largest insect protein plant underway in Spain WATTAgNet Industry News & Trends

www.wattagnet.com

[tenebrio molitor](#)



25/08/2023

Aquafeed.com | F3 Krill Replacement Challenge: The attraction of insect meal ...

Singapore-based insect producer, Entobel, is one of the registrants of the F3 Challenge aiming to replace krill meal with insect meal.

www.aquafeed.com

[black soldier fly](#) [hermetia illucens](#)



25/08/2023

Aquafeed.com | F3 Krill Replacement Challenge: Insect protein to replace krill ...

Stratium produces a nutrient-rich protein meal derived from black soldier fly larvae at its facility in Buffalo, New York, and is one of the ...

www.aquafeed.com

[black soldier fly](#)



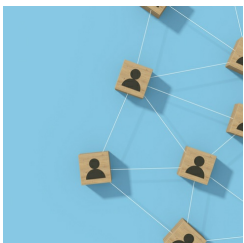
22/08/2023

US investment firm Eat & Beyond completes insect protein company acquisition | IntraFish.com

Goldbloom produces protein from the black soldier fly larvae for use in aquaculture.

www.intrafish.com

[black soldier fly](#)



22/08/2023

Insect protein trends: Segmented supply chains, gene editing and ... - FeedNavigator.com

Insect protein trends: Segmented supply chains, gene editing and ... FeedNavigator.com

www.feednavigator.com

[black soldier fly](#)



01/08/2023

Cost of insect meal production could drop by 25%

Cameron Richards The high production cost of insects results in the steep price of insect meals, but prices are expected to fall by 2042. "The ...

www.asian-agribiz.com



27/07/2023

The bug diet? Insect protein may slow weight gain, promote better health

URBANA, Ill. — Are insects the sustainable protein source of the future? The prospect of chowing down on crickets and mealworms for dinner may ...

studyfinds.org

[yellow mealworm](#)

[tenebrio molitor](#)



26/07/2023

Study: Insect protein slows weight gain, boosts health status in obese mice

As the global population grows under a changing climate, the urgency to find sustainable protein sources is greater than ever. Plant-based "meat" ...

medicalxpress.com

[yellow mealworm](#)

[tenebrio molitor](#)



19/07/2023

Insect protein snack gains favor in Vietnam

Cricket One and FoodMap have introduced a dried cricket snack, expecting to lead Vietnam's alternative, insect-based protein snack segment. They ...

www.asian-agribiz.com



06/07/2023

Insect protein giant Ynsect targets profitability with a new CEO and ... - AgFunderNews

Insect protein giant Ynsect targets profitability with a new CEO and ... AgFunderNews

agfundernews.com

[mealworm](#)



26/06/2023

Bunge Ventures becomes investor for Nutrition Technologies to ...

--- The leading ag-tech company Nutrition Technologies has announced Bunge Ventures as its new investor – a leading global agribusiness, food, ...

www.nutritioninsight.com

[black soldier fly](#)



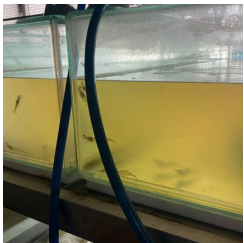
22/06/2023

Finnish insect protein startup supplying organic layer producer

Finnish insect ingredient company, Volare, is supplying its protein product to a local poultry feed manufacturer, having previously only had ...

www.feednavigator.com

[black soldier fly](#)



21/06/2023

Aquafeed.com | Flylab, Kasetsart University test the impact of insect meal on shrimp ...

Study finds that Flylab's insect meal can be effectively used as a sustainable and cost-effective replacement for fishmeal in the diets of Pacific ...

www.aquafeed.com

[black soldier fly](#)



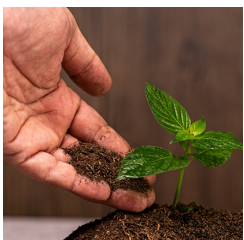
08/06/2023

Feeding tech for insect breeding systems supplied to Austrian farm WEDA Dammann & Westerkamp, a German liquid ...

WEDA Dammann & Westerkamp, a German liquid feeding supplier, has sold a liquid feeding system for the larvae of the black soldier fly ...

www.verticalfarmdaily.com

[black soldier fly](#)



12/05/2023

Nutrition Technologies launches Diptia™ biofertilizer from insect frass

Leading Agtech company Nutrition Technologies announced the launch of Diptia™, a patent-pending bioactive organic fertiliser derived from insect ...

www.feedandadditive.com

[black soldier fly](#)



05/05/2023

Combined effects of probiotics and insect meal on pig health

Following this study published in Veterinary Research (2023), the bioactive properties of black soldier fly larva full-fat meal combined with ...

www.allaboutfeed.net

[black soldier fly](#)



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27/04/2023

Insect protein meal; A holistic nutrition

Insect meal is a valuable source of micronutrients that are important for fish health and performance. Insects are rich in a range of vitamins, ...

www.feedandadditive.com

[black soldier fly](#)



27/04/2023

BioMar and Agronutris team up to develop insect meal for aquaculture

Aquafeed supplier BioMar has partnered with Agronutris, a French biotech company specializing in raising insects ...

www.seafoodsource.com

[black soldier fly](#)



27/04/2023

Insect meal, a functional protein source to help fill the protein gap

Aquaculture is a fast-growing and efficient food production system and is expected to be the main contributor to the increased demand for animal ...

www.feedandadditive.com

[black soldier fly](#)



26/04/2023

Bug-Based Dog Dental Chews - These Dental Chews for Dogs by Jiminy's are Made with Insect Protein (TrendHu...

(TrendHunter.com) Jiminy's introduced a new kind of dental chews for dogs that nourish pets, clean teeth and freshen breath at the same time. ...

www.trendhunter.com

[black soldier fly](#)



24/04/2023

Insect protein: Innovafeed expands production site in France

French insect protein producer, Innovafeed, has completed the expansion of its Nesle factory, in the Somme region.

www.feednavigator.com

[black soldier fly](#) [hermetia illucens](#)



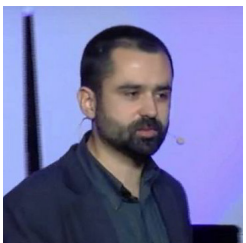
19/04/2023

How France became the unlikely home of the insect-farming industry?

The country is known for its love of meat. Could the growing insect industry help to reduce agricultural carbon emissions?

www.nature.com

[black soldier fly](#) [hermetia illucens](#)
[mealworm](#) [tenebrio molitor](#)



19/04/2023

Robert Downey Jr.-backed insect protein company pivots away from ... - IntraFish

Robert Downey Jr.-backed insect protein company pivots away from ... IntraFish

www.intrafish.com



18/04/2023

Insect protein company Entobel secures funding in Vietnam

Entobel set up its first insect protein plant in 2019 in Vietnam, which is climatically suitable for raising black soldier fly larvae at lower ...

www.petfoodindustry.com

[black soldier fly](#)

05/04/2023

Kovai BSF promotes insect meal in pet food

Kovai BSF is seeing growth for its black soldier fly (BSF) larvae meal in India's pet food industry. Anupa Velusamy, founder of the insect meal startup, told Asian Agribiz including BSF meal in pet food shows physical improvements and better ...

www.asian-agribiz.com

[black soldier fly](#)



04/04/2023

Nutrition Technologies exports insect meal and oil to EU and UK

The Malaysian Ministry of Agriculture has approved Nutrition Technologies to export its insect meal and oil into the European Union and United ...

www.feedandadditive.com

28/09/2023

Frass fertilizers from mass-reared insects: species variation, heat treatment effects, and implications for soil application

Insect farming has gained popularity as a resource-efficient and eco-friendly method of managing organic wastes by converting them into high-quality protein, fat, and frass. Insect frass is a powerful organic fertilizer, enriching the soil with ...

[biorxiv.org](https://www.biorxiv.org)

black soldier fly

yellow mealworm

01/09/2023

Bioaccumulated provitamin A in black soldier fly larvae is bioavailable and capable of improving vitamin A status of gerbils - ScienceDirect

The aim was to study whether provitamin A (proVA), which can bioaccumulate in black soldier fly larvae (BSFL), is bioavailable and can restore VA stat...

www.sciencedirect.com

black soldier fly

14/08/2023

Effect of different inclusion levels of defatted *Hermetia illucens* larvae meal on fillet quality of gilthead sea bream (*Sparus aurata*) in: Journal of Insects as Food and Feed - Ahead of print

Abstract In recent years, insect meal has attracted increasing interest as an innovative protein source to replace fish meal in feed formulation due to its valuable nutritional profile. This research aimed to compare the effects of different ...

[brill.com](https://www.brill.com)

hermetia illucens

14/09/2023

Sustainability, Vol. 15, Pages 13735: Comparative Assessment of Insect Processing Technologies for Sustainable Insect Protein Production

Considering the projected increase in demand for protein sources, finding alternative sources with lower environmental impacts has become of great importance. Insect mass production has emerged as a potential solution, particularly in Western ...

www.mdpi.com

black soldier fly

hermetia illucens

yellow mealworm

tenebrio molitor

29/08/2023

Chemical and Physical Properties of African Catfish (*Clarias gariepinus*) Fillet Following Prolonged Feeding with Insect Meal-Based Diets

A 25-week experiment was undertaken to explore the effect of partial replacement of dietary fishmeal (FM) with black soldier fly meal (*Hermetia illucens*) (BS), mealworm meal (*Tenebrio molitor*) (MW), and a 1 : 1 mixture of both insect meals (BSMW) ...

www.hindawi.com

black soldier fly

hermetia illucens

yellow mealworm

tenebrio molitor

01/08/2023

Dietary protein, lipid and insect meal on growth, plasma biochemistry and hepatic immune expression of lake whitefish (*Coregonus clupeaformis*).

Studies are lacking that investigate the dietary nutrient requirements of lake whitefish (*Coregonus clupeaformis*), a newly farmed fish species in Ontario, Canada. Dietary levels of protein and lipid must be optimized to ensure high growth ...

www.ncbi.nlm.nih.gov

27/07/2023

Effect of Dietary Insect Meal and Grape Marc Inclusion on Flavor Volatile Compounds and Shell Color of Juvenile Abalone *Haliotis iris*

Almost 60% of the fish meal produced globally is used in aquaculture feeds. Fish meal production relies on finite wild-marine resources and is considered as an unsustainable ingredient. Insect meal (IM) is considered a sustainable source with ...

pubmed.ncbi.nlm.nih.gov

15/06/2023

The Insects as a Workforce for Organic Fertilizers Production – Insect Frass

Following the evolution of composting technology, the process of digestion of a biological substrate by insects (entomocomposting) represents the last stage; however, from its initial context of producing an organic fertilizer, the role of e...

mts.intechopen.com

[black soldier fly](#) [hermetia illucens](#) [mealworm](#) [tenebrio molitor](#)

03/07/2023

Structural, physicochemical, and immune-enhancing properties of edible insect protein isolates from *Protaetia brevitarsis* larvae

Edible insects are promising future food resources globally. Herein, the structural, physicochemical, and bio-functional properties of edible insect protein isolates (EPIs) extracted from *Protaetia brevitarsis* larvae were investigated. The results ...

pubmed.ncbi.nlm.nih.gov

02/05/2023

Insects, Vol. 14, Pages 434: Potential Application of Black Soldier Fly Larva Bins in Treating Food Waste

The increase in the global population has led to a rise in organic waste generation and landfill sites. Consequently, there has been a global shift in focus towards the utilization of BSFL to address these challenges. This study aims to design, ...

www.mdpi.com

[black soldier fly](#) [hermetia illucens](#)

Industrials applications - media

Sources : mainstream media, regulatory sources, institutionnal, company,...



25/09/2023

Microalgae digested by insects boost dairy cows' immunity - All ... - All About Feed

Microalgae digested by insects boost dairy cows' immunity - All ... All About Feed

www.allaboutfeed.net

[black soldier fly](#)



24/09/2023

Insects for stock feed protein...Matopos Research Institute champions farming innovation

Judith Phiri , judith.phiri@sundaynews.co.zw A team from the World Bank Group visited Matopos Research Institute on a familiarisation tour on ...

www.chronicle.co.zw

[yellow mealworm](#)

[black soldier fly](#)



22/09/2023

FLYLAB AND SANYO TRADING ASIA FORMALISE LOI FOR EXCLUSIVE INSECT-BASED FEED COLLABORATION

Flylab and Sanyo Trading Asia formalise LOI for exclusive insect-based feed collaboration. Flylab, in collaboration with its cherished partner ...

fishfocus.co.uk

[black soldier fly](#)



21/09/2023

Study finds sustainable insect-based poultry feed garners lower weight gain

New research reveals weight gain in poultry fed a sustainable feed of black soldier fly larvae was around 17% lower compared to those fed soybean ...

www.feednavigator.com

[hermetia illucens](#)

[black soldier fly](#)



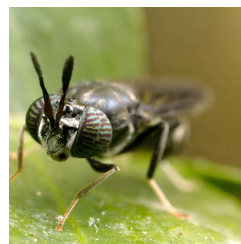
24/08/2023

Nasekomo to scale up insect production for pet food and animal feed - FeedNavigator.com

Nasekomo to scale up insect production for pet food and animal feed FeedNavigator.com

www.feednavigator.com

[black soldier fly](#)



27/07/2023

Nigeria's billion-dollar insect-based animal feed opportunity - How we made it in Africa

Nigeria's billion-dollar insect-based animal feed opportunity How we made it in Africa

www.howwemadeitinafrica.com

[yellow mealworm](#)

[black soldier fly](#)



14/07/2023

Should you feed your dog insect-based food?

Does the idea of eating a cricket or grasshopper make you feel queasy? Despite the initial aversion, many bugs are packed with protein. While ...

www.sapeople.com



12/06/2023

Maltento secures \$3.3m to grow insect-based feed solutions

Maltento, a company dedicated to unlocking the functional compounds of insect-based feed solutions, has recently...

ventureburn.com

[black soldier fly](#)



31/05/2023

Aquafeed.com | Insect producer Agroloop and feed producer UBM team up for insect ...

The Hungarian insect meal producer Agroloop is ready to become one of the key players in Europe. Its new production plant leads to the projected ...

www.aquafeed.com

[black soldier fly](#)

25/05/2023

Can innovative animal feed help combat #ClimateChange? These entrepreneurs from Tanzania are betting on insects for a more sustainable future

Can innovative animal feed help combat #ClimateChange? These entrepreneurs from Tanzania are betting on insects for a more sustainable future

twitter.com

[black soldier fly](#)



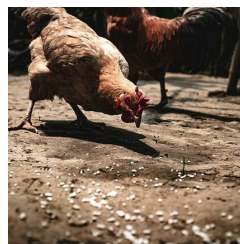
24/05/2023

Texas A&M hosts first Insects as Food and Feed symposium ... - AgriLife Today

Texas A&M hosts first Insects as Food and Feed symposium ... AgriLife Today

agrilifetoday.tamu.edu

[black soldier fly](#)



19/05/2023

The consortium led by Vitafort Zrt. is developing the production technology of insect-based protein feed

According to the information, the consortium won a non-refundable grant of almost HUF 700 million for the project thanks to the call for tenders ...

trademagazin.hu

30/04/2023

Japan's Sumitomo taps into insect feed business - Nikkei Asia

Japan's Sumitomo taps into insect feed business Nikkei Asia

asia.nikkei.com

28/07/2023

African traditional use of edible insects and challenges towards the future trends of food and feed

In the current times of climate change, the intense use of insects as a protein source is gaining popularity worldwide, and will likely contribute to increased nutrient intake in food and feed due to its nutritional, ecological, nutraceutical, ...

dx.doi.org

13/07/2023

Sustainability, Vol. 15, Pages 11006: Insect-Based Feed Acceptance amongst Consumers and Farmers in Ireland: A Pilot Study

The potential of insect-based feed (IBF) as a sustainable alternative to conventional animal feed is widely reported, yet there is extremely limited information on its acceptance in Ireland, a country with a strong farming background. Therefore, ...

www.mdpi.com

13/05/2023

Could Insect Products Provide a Safe and Sustainable Feed Alternative for the Poultry Industry? A Comprehensive Review

The planet is home to more than 2000 species of edible insects, some of which have been consumed as food for many years. Recently, edible insect products have been gradually increasing in several countries, such as Italy and Egypt, as novel ...

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