



LIVIN
forms

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MHP Eco Energy partners with LIVIN Farms to launch BSF PIONEER, the World's First Standard Rearing Feed for Black Soldier Fly Larvae

Vienna, November 2023

The partnership marks an important milestone in the insect protein industry, empowering industry players to source a low emission, sustainable standard feed ingredient ready to feed to insect larvae for protein production.

MHP Eco Energy, the leading biogas producer in Ukraine, and group company of MHP, internationally leading grain, poultry and meat producer, is partnering with LIVIN Farms, the one-stop shop for industrial insect farming factories and protein production in Europe. The collaboration will result in a low emission feed mixture for feeding black soldier fly larvae in their



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main rearing stage. This in turn is poised to further accelerate the growth of the insect protein industry across the European continent.

The partnership combines MHP's scale, experience and infrastructure of feed production with LIVIN Farms' technology and experience in insect rearing to standardise, ease and scale up the operation of insect farming factories. The insect rearing feed will be the first of its kind commercial feed product, standardised for the grow-out of black soldier fly larvae, the most common and most industrialised insect species for protein production. The feed will be available across Europe. It largely consists of agricultural by-products that occur in the usual course of agricultural production at MHP, therefore providing a low emission feed. It is standardised in its mixture in order to ensure repeatable results for the grow-out of black soldier fly larvae.

"With our technology and biological know-how, our customers turn substantial losses on organic waste into highly attractive, additional income from insect products. However, it is not always possible to utilise on-site organic wastes in order to feed insect larvae.", says Katharina Unger, Founder, and CEO of LIVIN farms. "And that's exactly where LIVIN farms and MHP come in with their new product: The low emission feed mixture will come to use for cases in which feeding of organic wastes would result in high cost, emissions or energy usage due to transportation or pre-processing requirements. The sustainable feed mixture will allow high standardisation, set in fact standards and greatly improve the entry barrier for new players in the industry. It is a ready-to-feed dry feed product, with only water that needs to be added before usage ."

"Our partnership with LIVIN Farms represents MHP Eco Energy's commitment to sustainability, the reduction of greenhouse gas emissions and combating climate change. We believe in circularity and the improvement of our sector both upstream and downstream, from food production down to the production of bioenergy and sustainable fertilisers." says Oleksandr Dombrovskyi, president of MHP Eco Energy about the partnership. "Accelerating insect protein production with LIVIN Farms' highly circular approach and a sustainable insect feed ingredient was thus a natural step for us in this market."



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Fitting with its first mover position in the market, the feed will be soft-launched under the registered brand “BSF PIONEER” at this year’s Agritechnica Fair in Hannover, the largest agricultural technology fair in Europe. Pre-orders can be placed at www.bsfpioneer.com. The feed will be distributed by the companies in 2024.

About MHP Eco Energy

MHP Eco Energy owns the largest biogas complex in Eastern Europe. It is a group company of MHP, a leading international food & agrotech company with headquarters in Kyiv, Ukraine. It is the leading producer of poultry and culinary products in Ukraine and one of the leaders in poultry production and meat processing in the Balkans through its Perutnina Ptuj facilities. The MHP company is also one of the largest grain producers, a leading processed-meat producer in Ukraine.

www.mhp.com.ua/en/eko-enerdzi

About Livin Farms

LIVIN Farms is an industrial technology provider in the alternative protein industry. It has developed HIVE PRO, a unique, highly scalable, and modular system for fully automated insect processing. HIVE PRO empowers waste management companies and large-scale food producers to upcycle organic waste and by-products into valuable proteins, fats, and fertilisers. LIVIN farms not only contributes to fixing the broken food system and generating new revenue streams for its customers but overall massively cuts carbon emissions associated with the protein production process. A true win-win-win situation for LIVIN farms, its customers, and the planet.

www.livinfarms.com