

Tate & Lyle and BioHarvest partner to develop plant-based ingredients

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Tate & Lyle PLC (Tate & Lyle) and BioHarvest Sciences (BioHarvest), announced a pioneering new partnership to develop the next generation of proprietary plant-based molecules to address increasing consumer desire for affordable, nutritious and more sustainable plant-derived food and beverage ingredients.

BioHarvest's proven Botanical Synthesis platform produces non-GMO plant-derived ingredients in a more sustainable and economically viable way, helping to scale up the production of highly beneficial botanical ingredients. This proprietary process delivers patentable molecules by growing targeted plant cells which can mirror and magnify the phyto-nutrients contained in specific plants, delivering all the benefits of the plant, without having to grow the plant.

The new partnership between Tate & Lyle and BioHarvest will focus on developing the next generation of sweeteners – botanical sweetening ingredients using plant-derived molecules. Along with the BioHarvest proprietary platform, this will meet consumer desire for a sugar-like taste – with no after-taste – and enable a wider population to have more choices when it comes to accessing ingredients that help make products healthier. The ingredient solutions will be more affordable to the food and beverage industry while using a fraction of the land and water required in traditional extraction and land-based growing practices.