

Syngenta, Ginkgo to develop novel plant traits by next-gen seed technology

18 April 2023 | News

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Syngenta Seeds (Syngenta), global agri-tech company and Ginkgo Bioworks have partnered to screen a targeted genetic library for novel trait discovery. The results of this research are intended to inform future seed trait development so that farmers can grow healthier and more resilient crops. Ginkgo Bioworks is building the leading platform for cell programming and biosecurity,

Syngenta will leverage Ginkgo's extensive protein engineering capabilities and proprietary ultra high-throughput screening technologies to complement and accelerate Syngenta's efforts to design and develop innovative plant traits.

Ginkgo will leverage proprietary ultra high-throughput single-cell encapsulation and screening platform to support Syngenta's development efforts to bring the next generation of innovative products to farmers. The partnership aims to tackle pressing challenges at global agriculture ecosystem.

Innovative research partnerships in agriculture understanding the value of cross-pollinating expertise and capabilities across diverse industries is crucial.