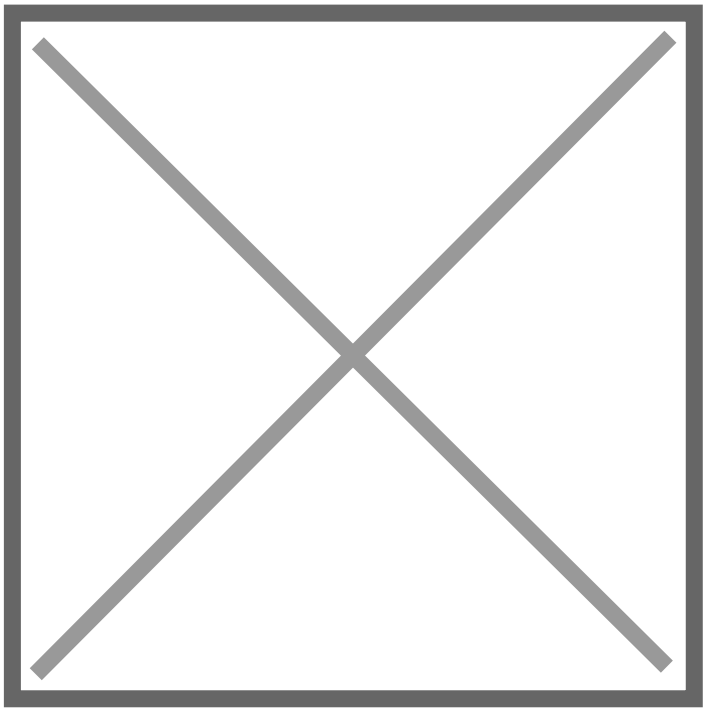
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USDA-approved allergen-reduced peanuts enter field trials in Georgia

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AgriNetica and Nurtured Nuts have announced a major scientific and agricultural milestone with the successful planting of USDA-approved allergen-less peanuts at a secured agricultural site in Georgia, marking the first transition of the technology from controlled laboratory environments to full-scale field cultivation in the United States.

The development represents a pivotal step in the companiesâ?? joint mission to fundamentally re-engineer one of the worldâ??s most widely consumed and allergenic crops. Designed to significantly reduce allergenic proteins while preserving nutritional integrity, taste, and functional versatility, the gene-edited peanut is positioned as a breakthrough innovation for the estimated 6.1 million Americans living with peanut allergies.

The initiative is powered by proprietary second-generation CRISPR-based gene-editing technology developed by AgriNetica, the U.S. division of Israeli biotech firm BetterSeeds. Through precise genomic modifications, researchers have engineered a peanut variant that retains its core agronomic and dietary characteristics while substantially lowering allergenic risk factors,

potentially redefining safety standards in nut-based food production.

The choice of Georgia as the cultivation site reflects both strategic and agronomic considerations, given the stateâ??s leadership in U.S. peanut production, its established agricultural infrastructure, and its specialised expertise in large-scale peanut farming. The current field deployment marks the first outdoor, commercial-scale cultivation of allergen-reduced peanuts under the Nurtured Nuts programme.

Company representatives have indicated that the upcoming harvest will play a critical role in advancing clinical validation, regulatory evaluation, and commercial readiness processes. The project is expected to progress through structured pathways involving collaboration with regulatory and data partners, including the USDA, FDA, and industry platforms supporting food system transparency and market integration.

Nurtured Nuts has further signalled plans to expand its broader ecosystem through strategic partnerships aimed at accelerating product development, regulatory alignment, and eventual market introduction. The company has positioned the initiative as part of a wider effort to combine biotechnology, agriculture, and consumer food innovation into a unified framework for next-generation food safety solutions.

In essence, the planting marks not merely an agricultural trial, but the tentative emergence of a new category of engineered foodsâ??where genetic precision is deployed not for yield alone, but for redefining the boundaries of dietary safety itself.