

# MolGen is Supporting Professional Agriculture Laboratories With High-Tech Automated Systems, Consumables and Kits

Veenendaal, December 6th, 2021 -- **MolGen B.V.** is grounded in its history of developing and marketing advanced bulk chemistry kits for DNA/RNA extraction that successfully satisfied the needs of seed and plant breeding, MolGen today remains committed to finding new ways to advance how it helps those who work in agriculture laboratories. Based in The Netherlands, leveraging from a knowledgeable environment, MolGen has grown in just a few short years and now offers agriculture partners of all sizes a wide range of chemistry tools, technologies and advanced extraction and testing products, procedures and systems. These customisable diagnostic solutions help regional and multinational professional laboratories extract, analyse and diagnose a very wide range of flowers, vegetables and crops.

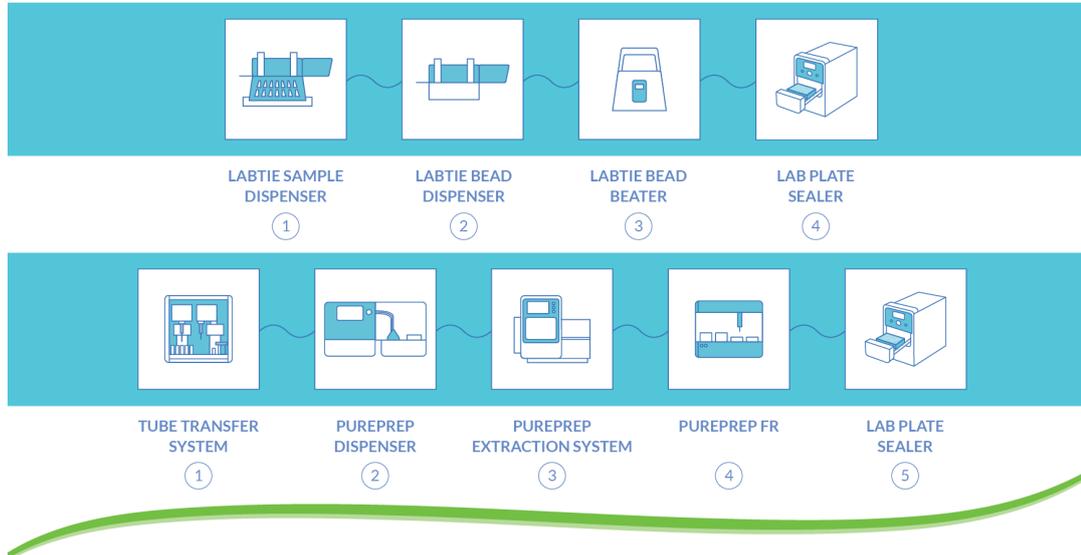
With the ability to rely on MolGen's industry specific chemistry innovations and high-quality products and solutions to deliver safe, cost-efficient, and expedited results, MolGen's agricultural clients continue to be able to confidently invest in their future to produce high-quality, healthy and sustainable crops and seeds.

As our world changes and the population's demand for healthy yields increase, MolGen is enabling the industry engineer climate-resistant, sustainable seeds, protect crops from disease, and enable the industry overcome the great challenges arising from the growing need for better food. With high-quality chemistry, MolGen is helping plant breeders and agriculture laboratories maximise production. Never has it been more important to be able to utilise crop and seed diagnosis, testing chemistry and products that meet certification and safety standards, and guarantee the highest quality, efficiency, and value.

To help its plant breeders and agriculture laboratory clients work more efficiently and productively, MolGen offers platform-agnostic stand-alone systems and consumables as well as complete workflows that achieve greater efficiency, automation and scaling-up in diagnostics. These solutions include the advanced LabTie line with dispensers, beaters, grinding media, C. elegans growing nutrients, enzymes and the PurePrep line with PurePrep 96, PurePrep Dispenser, PurePrep TTR, PurePrep FR systems as well as a wide range of consumables and kits.



## AGRICULTURE WORKFLOW



[PurePrep 96](#) is an automated top-notch op DNA/RNA purification system employing magnetic separation technology that can be used for different sample types such as plant leaf or seed samples. PurePrep 96 can process up to 96 samples with a wide input range of 50-1000ul and deliver results within 15-40 minutes, depending on sample type and method. This purification technology is automated and enables high-speed, high-quality processing with no cross-contamination between samples or reagent carry-over. As a small-footprint system, PurePrep 96 is compatible with a diverse range of other automated systems for a complete workflow. The system is optimised for use in combination with MolGen's PurePrep extraction kits.

MolGen's [PurePrep Seed Kit](#) which works with PurePrep 96. It is intended for manual and automated DNA and RNA extraction and optimised for plant samples like wheat, sunflower, tomato, pepper, cucumber, lettuce, and more. The extraction chemistry is specifically developed for use with plant samples rich in fats and oils, especially seeds. The kit has a high DNA yield and purity suitable for many genomic applications such as SNP genotyping and DNA sequencing.

From sample to result, MolGen is challenging the status quo in agriculture diagnostics by providing professional laboratories worldwide its high-tech automated systems and consumables. With the ability to combine multiple systems into complete diagnostical flows, agricultural testing can now be high-quality, reliable, efficient, adaptable and safe. With its agricultural diagnostic technologies and procedures that are deployed in the plant and crop-specific arena, MolGen is firmly in position to be a vital part in leading the way for sustainability and ecosystem protection.

Note to editors  
– not for publication –

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## ABOUT MOLGEN

MolGen is a global solutions provider of innovative extraction DNA/RNA technology, systems, products and kits for human and animal diagnostics, the agriculture and biotech industries. MolGen's systems, reagents and consumables reduce hands-on time and increase productivity while maintaining high yields and reproducibility. From sample to result, MolGen is challenging the status quo in molecular diagnostics by offering high-tech automated systems and consumables. MolGen's portfolio offers high-quality, adaptable, and safe workflows, which can be customised to meet customers' specific needs.

Learn more about MolGen at [www.molgen.com](http://www.molgen.com).

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