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Green Synthesis of Biodegradable Nanoparticles for Sustainable Agricultural Pest Management

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Abstract: *Designing goods and processes to reduce the production or use of dangerous materials is the main goal of green chemistry, also known as sustainable chemistry. Even though Green Chemistry is not a new area, it has become more important due to recently growing environmental concerns. Industries are now focused on implementing procedures that are primarily non-hazardous, simple to move out, requiring low energy and time, use reinforcement reagents, down stand rigid materials, and more cost effective. Green chemistry also includes catalysts that encourage chemical reactions during recovery and do not produce any harmful effects. This development is creative and comfortable in the field of chemistry. In this example, you can draw attention to how low toxic chemical pesticides are made possible by environmentally friendly synthesis of biodegradable nanoparticles, which supports permanent agriculture.*

Keywords: Green chemistry, Biodegradable nanoparticles, Sustainable agriculture, Pest management and Nanoparticle synthesis

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