



**Department of
Biological &
Agricultural
Engineering**

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Improved Bioactive Delivery Method

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Description:

This invention is a method of creating tunable polymer matrices that entrap bioactive components. The particles can entrap compounds such as lutein that can reduce the risk of age related macular degeneration. The bioactive compounds can also function as antioxidants. The matrices increase the stability of the entrapped components allowing greater amounts to reach a desired location and have a beneficial effect.

Advantages:

- Improved bioactive delivery
- Superior bioactive activity
- Increased stability

Commercial Uses:

- Supplements
- Pharmaceuticals

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