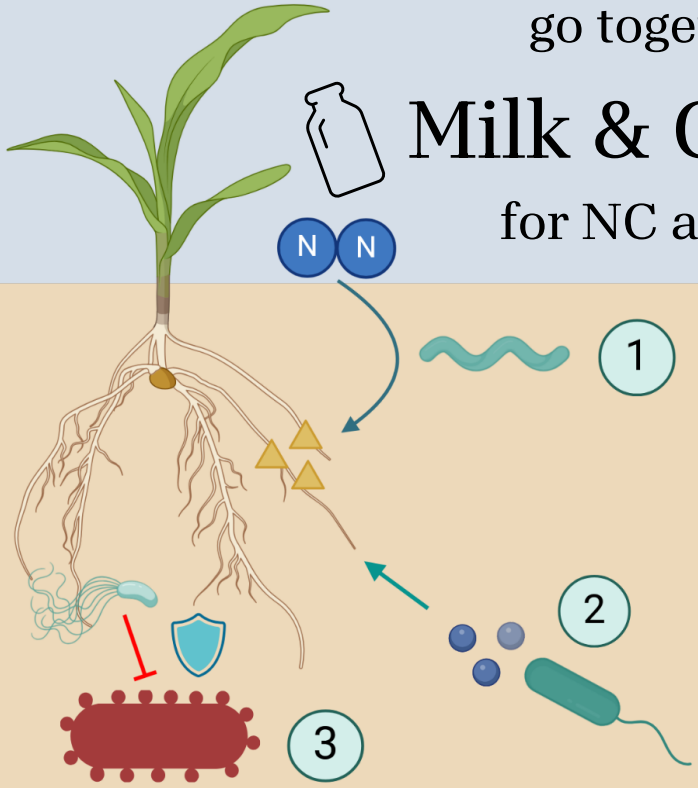
Microbes & Crops

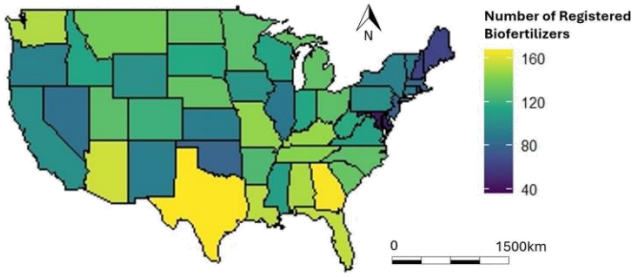
go together like

Milk & Cookies

for NC agriculture



1. Microbes act as 'biofertilizers', making atmospheric nitrogen accessible to plants, reducing need for synthetic fertilizers
2. Plant sugars feed microbes that produce plant growth hormones, increasing plant size
3. Beneficial microbes act as pesticides, keeping out the bad guys to protect crop yields



North Carolina is well-established in the biofertilizer market, but currently lags behind top producers*

*Santos et al., "Biofertilizer Use in the United States."

Research Triangle Park is home to leading agritech companies championing microbial products

BASF

syngenta

AgBiome

North Carolina is poised to be a global leader in the production *and* application of microbial products to enable the transition to sustainable agriculture

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