

Title (en)

BIOLOGICAL FERTILIZER COMPOSITIONS COMPRISING MANURE, SLUDGE OR GARBAGE

Title (de)

GÜLLE-, KLARSCHLÄMM- ODER MÜLL-ENTHALTENDE BIOLOGISCHE DÜNGEMITTEL

Title (fr)

COMPOSITIONS FERTILISANTES BIOLOGIQUES CONTENANT DU FUMIER, DES BOUES OU DES DECHETS

Publication

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Application

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- US 79681901 A 20010301
- US 79682001 A 20010301
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Abstract (en)

[origin: WO02070436A2] The present invention provides biological fertilizer compositions that comprise yeast cells and an organic substrate. The yeast cells of the invention have an enhanced ability to fix atmospheric nitrogen, decompose phosphorus minerals and compounds, decompose potassium minerals and compounds, decomposes complex carbon compounds, overproduce growth factors, overproduce ATP, decompose undesirable chemicals, suppress growth of pathogenic microorganisms, or reduces undesirable odor. The organic substrates used can be manure, sludge, or garbage. The biological fertilizer composition of the invention can replace mineral fertilizers in supplying nitrogen, phosphorus, and potassium to crop plants. Methods of manufacture biological fertilizer compositions, and methods of uses are also encompassed.

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