



# ORGANICA BIOTECH

*From Natures Own Laboratory*

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## SALES & MARKETING

5 Leaf Court  
Kings Park, N.Y. 11754  
(631) 544 – 0348 Phone  
(631) 544 – 0349 Fax  
[bacillusbob@aol.com](mailto:bacillusbob@aol.com)

## NATURAL DE-THATCH FIELD TRIALS

### GENERAL PARAMETERS

**DATE:** June – September 2003

**LOCATION:** Municipal baseball fields in Amityville, NY

**SOIL CONDITIONS:** Sandy Loam (approximately 3.00 % O.M.)

**GRASS TYPE:** Bluegrass / Rye Blend

**WATERING PARAMETERS:** no sprinkler system s (average rainfall during trials)

**SAMPLING TECHNIQUE:** Core samples (composite from outfield & infield)

**THATCH LAYER FIELD 1:** Approximately 1 ¾ inches / 44 mm throughout entire field

**THATCH LAYER FIELD 2:** Approximately 2 inches / 50 mm throughout entire field

**FERTILIZING HISTORY:** Averaging 4 – 4 ½ lbs of N per 1000 sq ft over last 3 years

**FORMULATORY PARTICULARS:** Organica Liquid Natural De-thatch

1 x 10<sup>9</sup> CFU per ml / 3.785 x 10<sup>12</sup> CFU per gal

**APPLICATION RATE:** 0.25 oz per 1000 sq ft (in 3 gallons of water)

**APPLICATION FREQUENCY:** 3 applications @ 0.25 oz / 1000 sq rate June, July, August  
Initial application on June 1, 2003

### FIELD DATA ON THATCH LEVELS

	June 1	July 2	Aug 1	Sept 1
Field 1	44 mm	37 mm	29 mm	21 mm
Field 2	50 mm	45 mm	38 mm	28 mm

Data indicates that three applications of Organica's microbial system applied at four week intervals (June 1, July 2, Aug 1) reduced thatch levels 44 – 52 %.