

Hogelin, Thomas G.

From: Dave Nicholson <dknicholson@q.com>
Sent: Wednesday, May 17, 2017 2:26 PM
To: Hogelin, Thomas G.
Cc: Johnson, Derek S.
Subject: Evalutaion of Nutrients for GG F-01 and F-06

Tom
For the F-01, ammonia is non-detect and nitrate is at 14.8 mg/kg. Total nitrogen is about half the ideal concentration of 30 mg/kg. Ortho-phosphate is present at 5.37 mg/kg, or approximately 1/4 the ideal concentration of 20 mg/kg. The ratio of organic carbon, nitrogen, and phosphorous is 14,932:10:3.6, indicating a good mix of nitrogen and phosphorous. Apply nitrogen fertilizer at one-half the previous rate to this landfarm this year.

For the F-06, ammonia was not detected and nitrate is at 61.1 mg/kg. Total nitrogen is about 2 times the ideal concentration. Ortho-phosphate is present at 18.2 mg/kg, close to the ideal concentration of 20 mg/kg. The ratio of organic carbon, nitrogen, and phosphorous is 3,246:10:3, indicating a fairly good mix of nitrogen and phosphorous. No fertilizer should be applied to this landfarm this year.

For both landfarms, fulvic/humic acid may help nutrient bioavailability as we have discussed.

Dave

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