



STATE OF IDAHO

DEPARTMENT OF AGRICULTURE

C.L. "BUTCH" OTTER
Governor
CELIA R. GOULD
Director

Oct 24, 2007

M & J Machado
Matt Machado
3340 N 1100 E
Buhl, ID 83316

Dear Producer:

Regulatory soil samples were recently taken by the Idaho State Department of Agriculture (ISDA) on fields listed below. The tests were taken for comparison of the Phosphorous (P) threshold and are obtained at one of two depths depending on the resource concern of each field.

Surface water runoff concern exists when runoff leaves the contiguous operating unit from normal storm events; rain on snow or frozen ground, or irrigation. Samples are taken at 0-12" and the P threshold may **not exceed 40 ppm**.

Groundwater concerns exist when a high water table, fractured bedrock, cobbles, gravel, or coarse textured soils are conducive for the downward movement of water and the associated nutrients. Samples are taken at 18-24" and **may not exceed 20 ppm** with fractured bedrock or groundwater at less than five feet or **30 ppm** with groundwater at greater than five feet.

Listed below are the results from those samples:

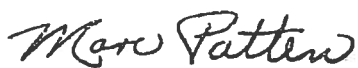
Sample Date	Field Name	Resource Concern	Phosphorus Level (ppm)
8/21/2007	Field 13 S. 1/3 of 8 S. 1/3 of 9	surface	31
8/21/2007	E. 1/2 of 6	surface	53*
* Denotes field(s) that are at or above the phosphorous threshold			

Any fields that exceed the phosphorous threshold may only receive livestock or commercial Phosphorus applications to crop uptake only. Subsequent soil test results on fields that have exceeded the Phosphorus threshold must show the Phosphorus level has remained the same or has been reduced. Failure to comply with these requirements could result in revocation of your milk permit.

Note: When soil test Phosphorus (P) concentrations are above the threshold, the planner, in cooperation with the producer, will design a nutrient management plan that will reduce soil test P concentrations below the threshold

and minimize potential off-site transport. This may require adjustments in crop rotation, irrigation method and scheduling, form, timing or placement of P applied, and **changes in P application rates less than crop P uptake.**

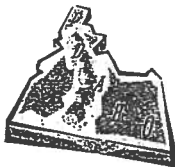
Sincerely,

A handwritten signature in cursive script that reads "Marv Patten".

Marv Patten, Chief
Dairy Bureau

rb

cc: Lynn Godfrey, State Dairy Inspector
Hilary Simpson, Afton Baker, Nutrient Management Services



Idaho Food Quality Assurance Laboratory

P.O. Box 1138, Twin Falls, Idaho 83303
Phone: (208) 732-5325 Fax: (208) 732-5327

Submitter: Idaho State Department of Agriculture

Test: P in soil by Olsen extraction

Comments: Phosphorous results are reported to 3 significant figures for statistical purposes, only two figures are significant.

m/t
MADH20

IFQAL Case #	IFQAL Sample #	DY 16- #	Field #	Acres	A or B	File #	Date Received:	Results (ppm)
			Field 13 S. 1/3 of 8 S. 1/3 of 9					
DAG07-05	D07-512	830366		28	A	A080919A	08/21/07	31.2
DAG07-05	D07-533	830366	E. 1/2 of 6	8	A	A080920A	08/21/07	52.6

Analyst / QC:

Laboratory Manager:

Date: 9-207

Date: 9/7/07

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SEP 11 20

DAIRY BURE

Method Detection Limit (MDL) - is the lowest concentration of a chemical residue that the lab can detect reliably in a sample. Spike and surrogate recoveries are quality control indicators. ND indicates no detected analytes in sample.