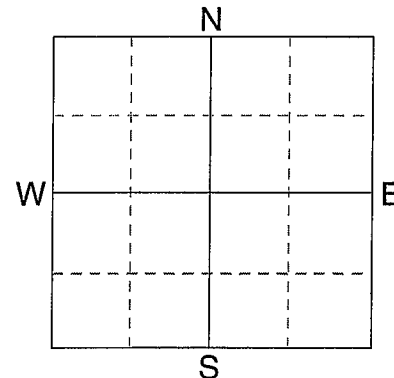




P.O. BOX 510, NORTHWOOD, ND 58267
(701) 587-6010

SOIL TEST REPORT

FIELD 7B SAMPLE 11677615
 COUNTY DUNN
 TWP 143-96 SECTION 24
 QTR NE ACRES 2.0
 PREV CROP ALFALFA



SUBMITTED FOR:

SMND PLOTS

SUBMITTED BY:

DU0283

DUNN COUNTY SOIL CONS
 105 RODEO DR
 BOX 359
 KILLBEER, ND

58640

REF # 11677615
 LAB # 39169

BOX # 2247

DATE SAMPLED 9/ 4/09

DATE RECEIVED 9/10/09

DATE REPORTED 9/11/09

| NUTRIENT IN THE SOIL | INTERPRETATION | | | | 1ST CROP CHOICE | | | 2ND CROP CHOICE | | | 3RD CROP CHOICE | | |
|-----------------------------|----------------|-----|-----|------|-------------------------------|-------------|--------------------------|-----------------------------------|-------------|--------------|-------------------------------|-------------|--------------|
| | V LOW | LOW | MED | HIGH | TRITICALE | | | TRITICALE | | | TRITICALE | | |
| Nitrate N | | | | | YIELD GOAL 60 BU | | | YIELD GOAL 65 BU | | | YIELD GOAL 70 BU | | |
| | | | | | SUGGESTED GUIDELINES | | | SUGGESTED GUIDELINES | | | SUGGESTED GUIDELINES | | |
| | | | | | BAND | | | BAND | | | BAND | | |
| | | | | | LB/ACRE | APPLICATION | | LB/ACRE | APPLICATION | | LB/ACRE | APPLICATION | |
| | | | | | N | 127 | | N | 141 | | N | 154 | |
| Olsen Phosphorus | | | | | P ₂ O ₅ | 39 | Band ‡ | P ₂ O ₅ | 42 | Band ‡ | P ₂ O ₅ | 45 | Band ‡ |
| Potassium | | | | | K ₂ O | 21 | Band ‡ | K ₂ O | 23 | Band ‡ | K ₂ O | 25 | Band ‡ |
| Chloride 0-24" | | | | | Cl | ‡‡ | | Cl | ‡‡ | | Cl | ‡‡ | |
| Sulfur 0-6" 6-24" | | | | | S | 7 | Band (Trial) | S | 7 | Band (Trial) | S | 7 | Band (Trial) |
| Boron | | | | | B | | | B | | | B | | |
| Zinc | | | | | Zn | | | Zn | | | Zn | | |
| Iron | | | | | Fe | | | Fe | | | Fe | | |
| Manganese | | | | | Mn | | | Mn | | | Mn | | |
| Copper | | | | | Cu | 0 | | Cu | 0 | | Cu | 0 | |
| Magnesium | | | | | Mg | | | Mg | | | Mg | | |
| Calcium | | | | | Lime | 0.0 | | Lime | 0.0 | | Lime | 0.0 | |
| Sodium | | | | | | | | | | | | | |
| Organic Matter | | | | | | | | | | | | | |
| Carbonate (CCE) | | | | | | | | | | | | | |
| Soluble Salts 0-6" 6-24" | | | | | Soil pH | Buffer pH | Cation Exchange Capacity | % Base Saturation (Typical Range) | | | | | |
| | | | | | 7.0 | | | % Ca | % Mg | % K | % Na | % H | |

‡‡ SOIL CHLORIDE LEVEL IS LOW, HOWEVER YIELD DATA IS LIMITED FOR THIS CROP. 44 LBS OF 0-0-60 = 20 LBS OF CHLORIDE

‡ CAUTION: SEED PLACED FERTILIZER CAN CAUSE INJURY ‡

NITROGEN CREDITS GRANTED: CROP 1 = 25 CROP 2 = 25 CROP 3 = 25 CREDITS MAY NEED TO BE ADJUSTED BASED ON LOCAL CONDITIONS.

Crop Removal: Crop 1: P205= 38 K2O= 23 Crop 2: P205= 41 K2O= 24 Crop 3: P205= 44 K2O= 26

AGVISE Band guidelines will build P & K test levels to the medium range over many years.