

Harvesting Nature's Science



**IAS Laboratories**

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# 2012 HUMA GRO® X-TEND® Trial in Alfalfa

**Cooperator:** G Farms  
**Date:** 8/7/2012

## BASELINE TISSUES

Baseline tissue taken 8/3/12 at 20% bloom.

| Sender Sample Id | Lab # | Crop    | Petiole K K% | Nitrate (NO3-N) ppm | Phosphate (PO4-P) ppm | Total N % | Total p % | Potash k % | Calcium Ca % | Magnesium Mg % | Sulfur S % | Sodium Na % | Iron Fe ppm | Zinc Zn ppm | Manganese Mn ppm | Copper Cu ppm | Boron B ppm |
|------------------|-------|---------|--------------|---------------------|-----------------------|-----------|-----------|------------|--------------|----------------|------------|-------------|-------------|-------------|------------------|---------------|-------------|
| NORTHERN /LITCFI | 748   | Alfalfa |              |                     | 1300 A                | 3.0 C     | .21 C     | 1.9 C      | 1.30 C       | .27 A          | .49 H      | .17 A       | 120 A       | 20 A        | 60 A             | 9 A           | 37 A        |

**Date:** 9/4/2012

Check treated with 7 gallons of UN32 only.  
Trial treated with 7 gallons of UN32 plus X-TEND®.

## TRIAL TISSUES

Trial tissues taken 8/29/12 at 10% bloom.

| Sender Sample Id | Lab # | Crop    | Petiole K K% | Nitrate (NO3-N) ppm | Phosphate (PO4-P) ppm | Total N % | Total p % | Potash k % | Calcium Ca % | Magnesium Mg % | Sulfur S % | Sodium Na % | Iron Fe ppm | Zinc Zn ppm | Manganese Mn ppm | Copper Cu ppm | Boron B ppm |
|------------------|-------|---------|--------------|---------------------|-----------------------|-----------|-----------|------------|--------------|----------------|------------|-------------|-------------|-------------|------------------|---------------|-------------|
| UN32 Only        | 54    | Alfalfa |              |                     | 1700 H                | 3.2 A     | .31 A     | 2.2 A      | 1.20 C       | .33 A          | .00 D      | .37 T       | 110 A       | 26 A        | 54 A             | 8 A           | 51 A        |
| UN32 + X Tend    | 55    | Alfalfa |              |                     | 1700 H                | 3.3 A     | .32 A     | 2.9 A      | 1.20 C       | .35 A          | .00 D      | .26 T       | 120 A       | 26 A        | 62 A             | 8 A           | 52 A        |

D - Deficient    C - Critical    A - Adequate    H - High    T - Toxic

Huma Gro® products are highly efficient and effective due to our unique delivery system. Micro Carbon Technology™ is a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.



If you would like to learn more about our top quality products, contact us direct at **480-423-6805**, email **info@HumaGro.com**, or visit our website at **www.HumaGro.com**.