

# Agricultural Testing Services

## The Samuel Roberts Noble Foundation, Inc.

2510 Sam Noble Parkway P.O. Box 2180  
Ardmore, Oklahoma 73402 Telephone (580) 223-5810

### Sample Results

As Received: 10.2 CP (%) 0.22 2.10 Moisture (%) 0.28 27 92 60 6 0.19 37.8 66.3 54.8  
Dry Basis: 11.0 CP (%) 0.23 2.22 0.30 29 97 64 6 0.20 40.1 70.2 57.5

| Cattle Type                                           | Nutrient Requirements |         |         |  | Nutrient Deficiency |         |
|-------------------------------------------------------|-----------------------|---------|---------|--|---------------------|---------|
|                                                       | CP lbs                | TDN lbs | Est DMI |  | CP lbs              | TDN lbs |
| 850 lb Two Year Old Heifer, Early Lactation, 0.50 ADG | 2.02                  | 11.9    | 18.2    |  | 0.01                | 1.34    |
| Supplement Options                                    | As-fed                |         | Lbs. to |  |                     |         |
|                                                       | CP%                   | TDN%    | Feed    |  |                     |         |
|                                                       | 20                    | 68      | 2.0     |  |                     |         |
|                                                       | 38                    | 70      | 1.9     |  |                     |         |
|                                                       | 20                    | 73      | 1.8     |  |                     |         |
|                                                       | 42                    | 69      | 1.9     |  |                     |         |
| Soybean Hulls                                         | 11                    | 73      | 1.8     |  |                     |         |
| Alfalfa Hay*                                          | 15                    | 50      | 2.7     |  |                     |         |

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|--------------------|-----------------------|---------|---------|--|---------------------|---------|
|                    | CP lbs                | TDN lbs | Est DMI |  | CP lbs              | TDN lbs |
| Supplement Options | As-fed                |         | Lbs. to |  |                     |         |
|                    | CP%                   | TDN%    | Feed    |  |                     |         |
|                    |                       |         |         |  |                     |         |
|                    |                       |         |         |  |                     |         |
|                    |                       |         |         |  |                     |         |
|                    |                       |         |         |  |                     |         |

\* - Use Caution with this Amount      \*\* - Supplement not Appropriate  
 Actual dry matter intake and nutrient requirements may vary considerably from estimates due to environmental conditions.  
 Always supplement to meet crude protein deficiency.  
 Supplement to meet TDN deficiency when cow needs to gain or maintain body condition.  
 Always provide a quality mineral supplement and adequate, clean water.  
 Closely monitor cattle performance and body condition to be sure nutrient requirements are being met.  
 If no supplements are available or if you have any questions, contact a Livestock Consultant at The Noble Foundation.  
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| Dry Matter (%) | Moisture (%) | Crude Protein (%) | ADF (%) | NDF (%) | TDN (%) | RFV | Nitrate (NO3) (ppm) |
|----------------|--------------|-------------------|---------|---------|---------|-----|---------------------|
|----------------|--------------|-------------------|---------|---------|---------|-----|---------------------|

As Received: **84.8**

Dry Basis:

## Sample Results

10.7 40.6 73.0 55.2

| Cattle Type                                           | Nutrient Requirements |         |         | Nutrient Requirements |         |         | Nutrient Deficiency |         |
|-------------------------------------------------------|-----------------------|---------|---------|-----------------------|---------|---------|---------------------|---------|
|                                                       | CP lbs                | TDN lbs | Est DMI | CP lbs                | TDN lbs | Est DMI | CP lbs              | TDN lbs |
| 850 lb Two Year Old Heifer, Early Lactation, 0.50 ADG | 2.02                  | 11.9    | 17.4    |                       |         |         |                     |         |
| Supplement Options                                    | As-fed                |         |         | As-fed                |         |         | Lbs. to             |         |
|                                                       | CP%                   | TDN%    |         | CP%                   | TDN%    |         | Feed                |         |
|                                                       | 20                    | 68      |         |                       |         |         |                     |         |
|                                                       | 38                    | 70      |         |                       |         |         |                     |         |
|                                                       | 20                    | 73      |         |                       |         |         |                     |         |
|                                                       | 42                    | 69      |         |                       |         |         |                     |         |
|                                                       | 11                    | 73      |         |                       |         |         |                     |         |
| 20% Range Cubes*                                      |                       |         |         |                       |         |         |                     |         |
| 38% Range Cubes*                                      |                       |         |         |                       |         |         |                     |         |
| Corn Gluten Feed*                                     |                       |         |         |                       |         |         |                     |         |
| Cottonseed Meal*                                      |                       |         |         |                       |         |         |                     |         |
| Soybean Hulls*                                        |                       |         |         |                       |         |         |                     |         |
| Alfalfa Hay**                                         | 15                    | 50      |         |                       |         |         |                     |         |

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