

# Grazingland Animal Nutrition LAB

Client: \_\_\_\_\_  
 (Person to receive Invoice by: Fax Mail Email)

Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Ranch/Farm/Property Name: \_\_\_\_\_

Miles: \_\_\_\_\_ Direction: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_

Client Rep: \_\_\_\_\_  
 (Person to receive Results by: Fax Mail Email)

Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

*Complete a sample sheet for each fecal sample. Describe the various sub groups of animals represented in the columns below.*

| Your Sample ID (ex: Smith 01)      |                    | Date Collected: |           |           | <b>COMMENTS</b> |
|------------------------------------|--------------------|-----------------|-----------|-----------|-----------------|
| ANIMAL ATTRIBUTES                  | Example            | Profile 1       | Profile 2 | Profile 3 |                 |
| Profile Name(s)                    | Mama Cows          |                 |           |           |                 |
| Breedtype                          | Herefrd x Brah     |                 |           |           |                 |
| % Bos indicus (tropical)           | 50                 |                 |           |           |                 |
| % British or Contential            | 50                 |                 |           |           |                 |
| % Dual Purpose                     | 0                  |                 |           |           |                 |
| % Dairy                            | 0                  |                 |           |           |                 |
| Class                              | cow                |                 |           |           |                 |
| Age (mo only)                      | 60-95              |                 |           |           |                 |
| Number of Head                     | 125                |                 |           |           |                 |
| Pregnancy (days)                   | 0                  |                 |           |           |                 |
| Lactation (days)                   | 45                 |                 |           |           |                 |
| Current offspring weight (lb)      | 125                |                 |           |           |                 |
| BCS of dam at parturition          | 5                  |                 |           |           |                 |
| Offspring age (mo)/wgt at weaning  | 500 lb at 210 days |                 |           |           |                 |
| Internal parasite load (H, M, L-N) | Low                |                 |           |           |                 |
| External parasite load (H, M, L-N) | Low                |                 |           |           |                 |
| Current body weight                | 1000               |                 |           |           |                 |
| Current body condition score       | 4.5                |                 |           |           |                 |
| Impant Used ?                      | no                 |                 |           |           |                 |
| Desired avg daily gain/loss (lb/d) | 0                  |                 |           |           |                 |

| FEEDS and METABOLIC MODIFIERS FED                | Example     | Feed 1 | Feed 2 |
|--|-------------|--------|--------|
| Name of feed                                     | XR2 Breeder |        |        |
| Type of feed (liquid, cube, tub, block, loose)   | cube        |        |        |
| Amount allocated (lb/head/day)                   | 1           |        |        |
| Crude protein on tag (% as fed basis)            | 20          |        |        |
| TDN on tag or lot number (% as fed basis)        | 72          |        |        |
| Ash on tag or lot number (% as fed basis)        | 5           |        |        |
| Moisture content (tag or lot #) (% as fed basis) | 8           |        |        |
| Cost per ton from dealer (\$/ton)                | 150         |        |        |
| Wastage from storage to consumption (%)          | 3           |        |        |
| Storage cost of feed                             | none        |        |        |
| Processing cost of feed                          | none        |        |        |
| Cost of labor, equipment per ton to feed         | 5           |        |        |
| Metabolic modifier name in feed (if any)         | Growfast    |        |        |
| Feed tag enclosed with sample?                   | yes         |        |        |
| Estimated rumen degradability of feed (% of CP)  | ?           |        |        |
| Phosphorus content of feed (%)                   | 0.25        |        |        |

**Select desired lab services:**

**NIRS analyses:** Dietary Crude Protein and Digestible Organic Matter, Fecal Nitrogen & Phosphorus...\$25.00/sample.

**NUTBAL Advisory:** animal performance reports and recommendations...additional \$25.00/sample.

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Go online and save...Check out the Automated NIRS/NUTBAL Online System at:

<http://cnrit.tamu.edu/autosystem>

Volume discounts and NUTBAL Pro software available. Contact the GAN lab for more information.

| FORAGE/ENVIRONMENTAL CONDITIONS  | Example         |
|--|-----------------|
| Describe species of forage being grazed.                                       | Little Bluestem |
| Is hay fed? If so is it limited or free-choice? # of lbs/limited - 5lbs/hd/day |                 |
| Describe forage species in hay.  | Alfalfa         |
| Slope greater/less than 15% where grazed?                                      | less            |
| Is water well distributed in pasture?  | yes             |
| Coat condition (Dry, Muddy, etc...)  | Dry             |
| Size of paddock or effective grazing area (ac)                                 | 1000 ac         |
| Expected days in grazing area  | 90              |
| Estimated available forage standing crop (lb/ac)                               | 2000 lb/a       |
| Forage growth rate (lb/ac/d) 5, 15, 30 (L,M,H)                                 | 5               |
| Non-grazable standing crop (lb/ac)   | 100             |

If you have your latitude and longitude, you can see the weather information needed to run the NUTBAL software at this webpage:

<http://cnrit.tamu.edu/cgi-bin/nutbalweather>

---LAB USE ONLY---

|                            |   |
|----------------------------|---|
| Contract/Invoice # :       |   |
| GAN Lab # :                |   |
| Date Received :            |   |
| NIR file name :            |   |
| Date Reported :            |   |
| <b>Results</b>             |   |
| Crude Protein :            | % |
| Digestible Organic Matter: | % |
| Fecal Nitrogen :           | % |
| Fecal Phosphorus :         | % |