Local Feed Library

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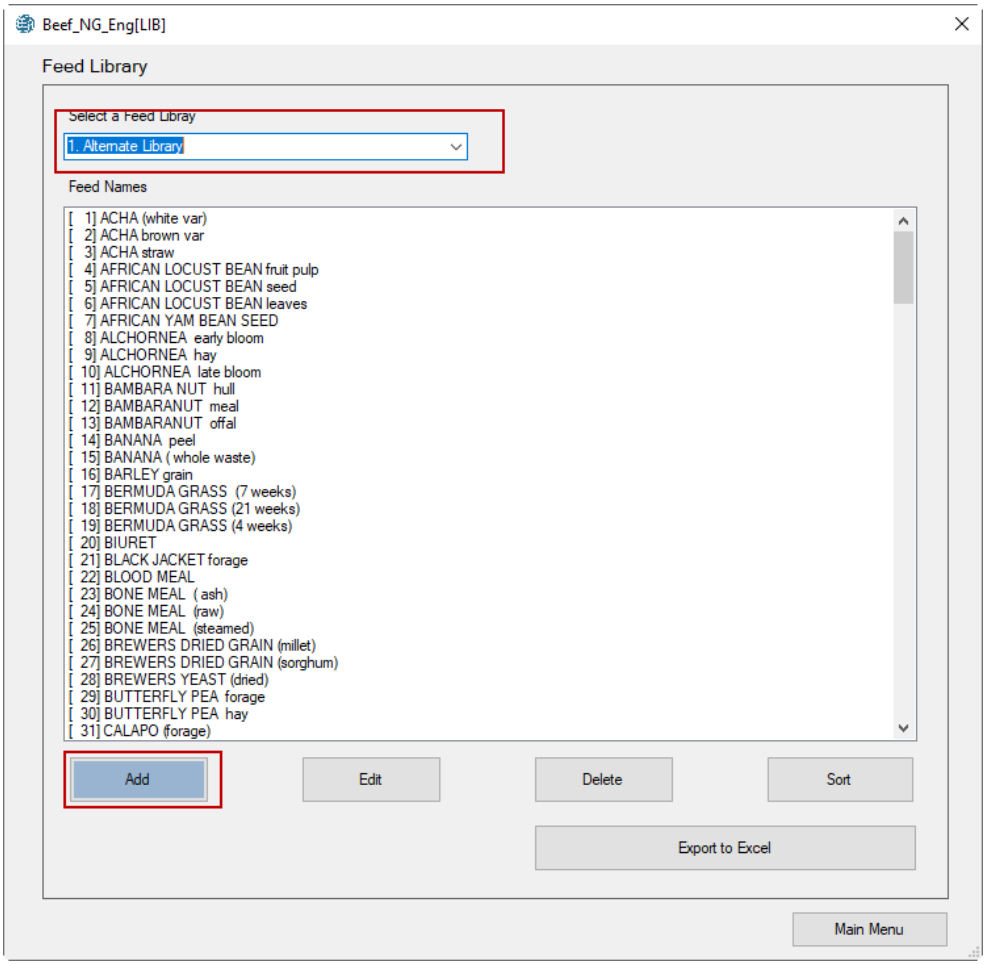
This handout is written for the PC version of the Ration Program for Beef Cattle for Nigeria. The software has 708 standard feeds in the standard library and 208 local feeds in the local library. You cannot delete or modify any of these feeds, but you can add new feeds to these libraries.

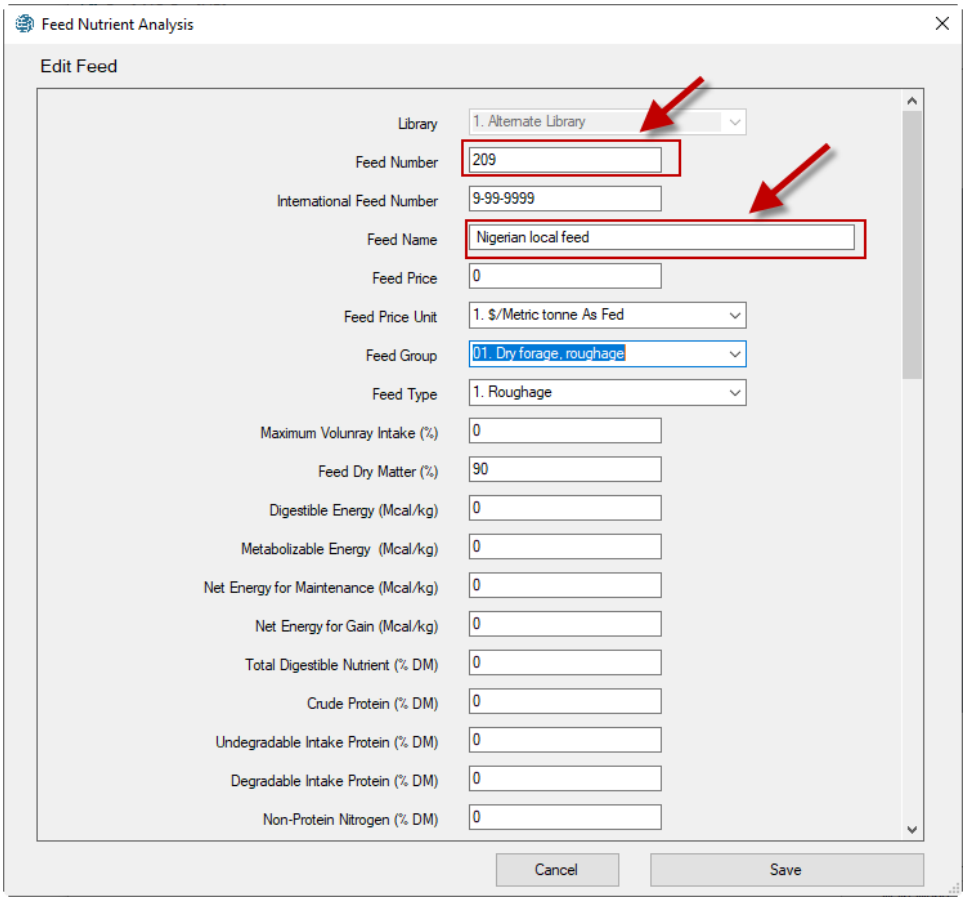
Add New Local Feeds

To add new feeds to the local feed library, follow these steps:

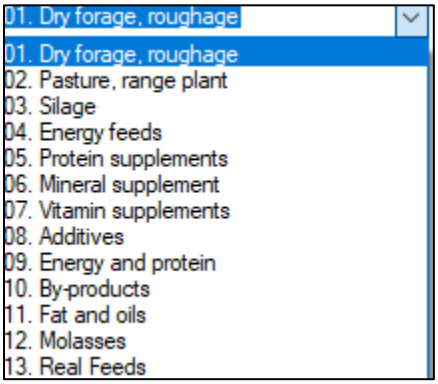
1. From the main menu select the Feed Library (LIB). The following screen appears:



2. Select the Alternate feed library and click the add button. The following screen appears:



3. Enter a name and number for the new feed. There are 208 feed in this library so the first new feed must have the feed number of 209. The feed number is more important than the feed name. Because the feed nae may change in Hausa language, but the feed number remains the same. Duplicate feed numbers are not allowed.
4. Assign one of the following feed groups to the new feed, but do not use feed group 13, it is reserved for the system.



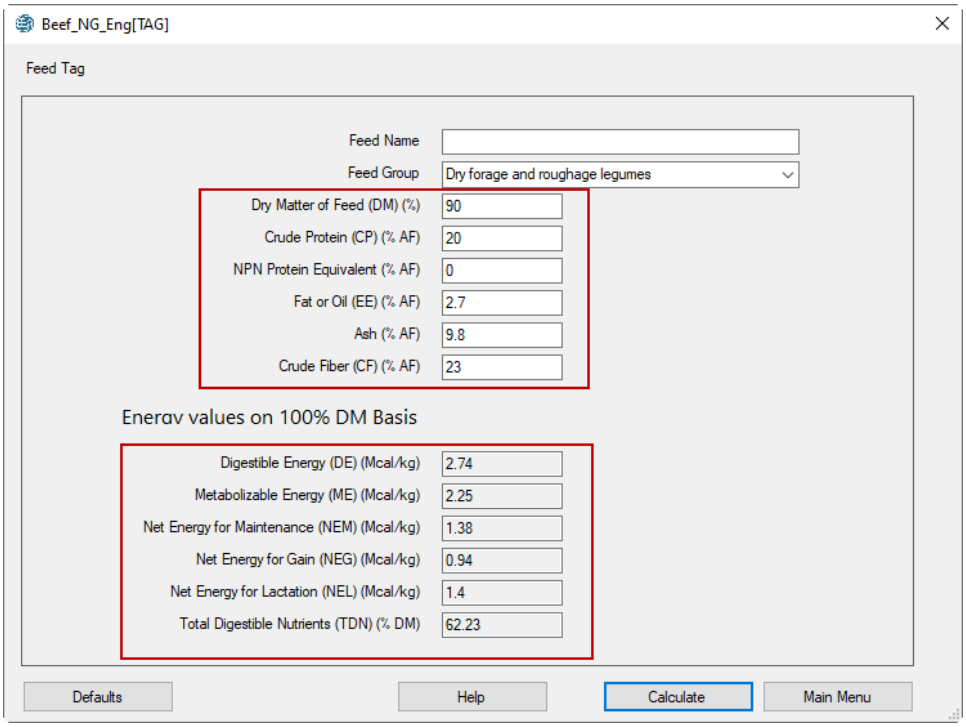
5. Select the feed type. All feeds are either roughage or concentrate. Concentrates are livestock feeds that are high in total digestible nutrients and low in fiber content. Roughages are livestock feeds that contain high proportion of fiber content and is low in total digestible nutrients. Hence, concentrates provide more energy than roughages.

6. Enter the dry matter percent of the new feed.
7. Enter the nutrient analysis of the new feeds on 100 dry matter basis. There are many nutrients but four of them are very important for formulating ration
    a. Net Energy for Maintenance (NEM) Mcal/kg
    b. Crude Protein (CP) % DM
    c. Calcium (CA) % DM
    d. Phosphor (P) % DM

    For the methane calculation, besides the above four nutrients, you must also enter values for the following three nutrients:

    e. Fat (EE) % DM
    f. Ash % DM
    g. NDF % DM

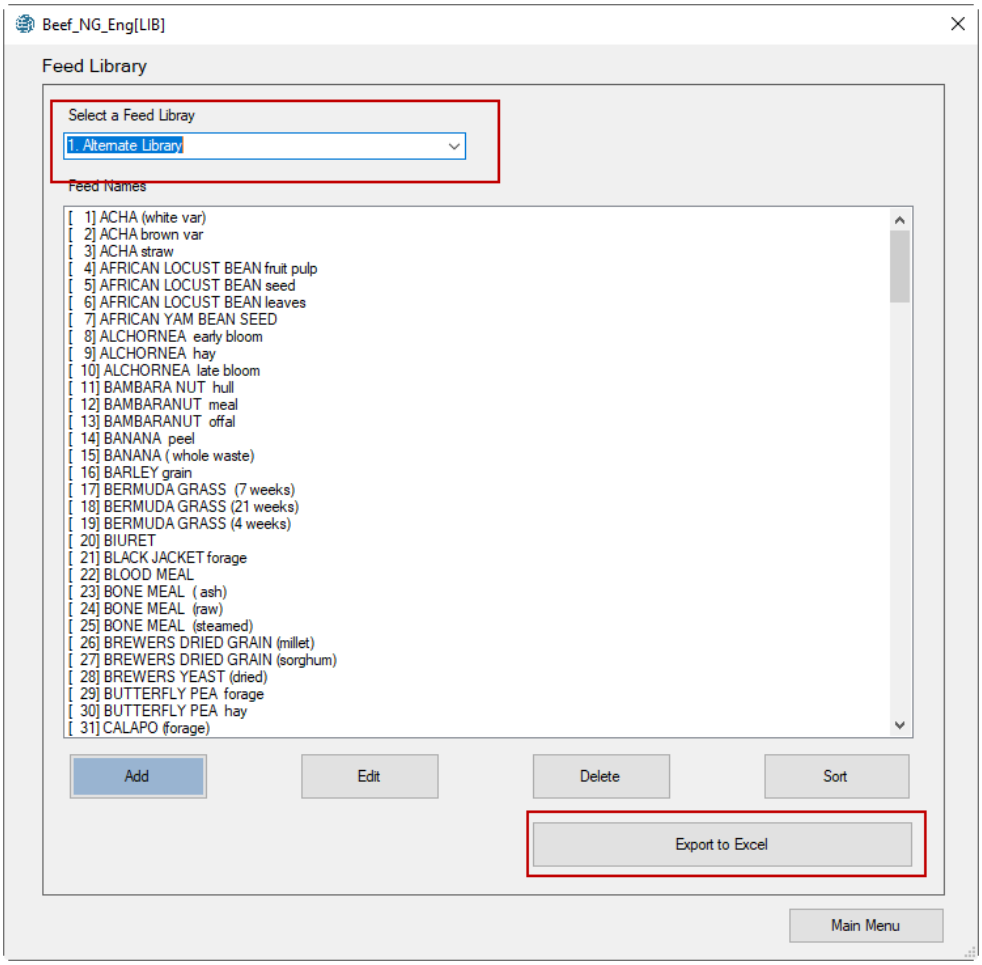
8. If you do noy have energy values for the new feed, use the Feed Tag option from the main menu to calculate Energy values using a basic feed analysis:



9. To calculate energy values on 100 DM basis you must have the following feed analysis on AS Fed basis:
    a. Crude Protein (CP) % As Fed
    b. Fat (EE) % As Fed
    c. Ash % As Fed
    d. Crude Fiber (CF) %as Fed

Export Local Feed Library to Excel

1. From the main menu select the Feed Library (LIB). The following screen appears:



2. Click the **Export to Excel** button. The program exports the local feed library as **TauAlt_NG_Eng.xls** to the following folder:
   C:\Program Files (x86)\UCDAVIS\GlobalFARP\xls\
3. Email the Excel file as an attachment to:
   Francis Okechukwu Ahamefule, PhD
   Professor of Animal (ruminant) Production
   Department of Animal Production and Livestock Management
   College of Animal Science and Animal Prod.
   Michael Okpara University of Agriculture,
   Umudike, Abia State, Nigeria.
   ahamefule.francis@mouau.edu.ng | +243 0806 852 8149 | +243 0708 579 5218
4. Dr. Ahamefule will check for accuracy and combine new feeds from different participant and will sent them to me to be incorporated for the next release of the software.