GROWER RATION BALANCER FLOWCHART

START
Enable Macros Option

GOTO
Calf Info Sheet

INPUT
Number of Head

INPUT
Sex

INPUT
Starting Date

INPUT
Calf Breed Type

INPUT
Starting body Condition

INPUT
Calf Age (D12)
And Start Weight (D13)

INPUT
Estimated Mature Weight

INPUT
Estimated Feeding Days

INPUT
Desired Rate of Gain

INPUT
Growth Implant Option

INPUT
Ionophore Option

GOTO
Feeds List

CHANGE
Feeding days AND( OR)
Desired Rate of Gain

Does Cell D22 Meet Desired Final Weight

NO

YES
**FEEDS LIST SHEET**

Hay and/or Feedstuff Analysis Completed

YES

INPUT
Feedstuff analysis values
Use Book Values
for nutrients not analyzed

RECORD
Feed Reference Number
Ex. Corn 405

GOTO
RATION FORMULATION SHEET

NO

Recommend Analysis for Accuracy; otherwise use Book Values for grains and byproducts and below average hay values
INPUT Feed No Ex. 405 for Corn

IF Feed Prices Available

YES

INPUT Ingredient Cost $/cwt

INPUT As-Fed Diet Composition (use %, lb/hd/d, or lbs per total mixed feed) See note below

YES

Is Intake Known

NO

INPUT Change DMI Adjuster where Estimated DMI = Actual Dry Matter Intake

INPUT Set DMI Adjuster = 100

Are there any Balance Issues

NO

YES

Are Feed Prices Used

YES

Did this Solution Predict the lowest Feed Cost per lb gain Performance Indicator

GOTO FEED BLEND

NO

INPUT Change Feed Amounts OR Add/Replace Available Feedstuffs

YES

Record Feed Cost per lb gain

NO

INPUT

If using lbs/hd/d, dry matter total must = estimated DMI
**FEED BLEND SHEET**

**INPUT**
Indicate 'y' for items to blend and 'n' for items to exclude.

Intake "Salt-Limited"

**YES**

INPUT
Indicate 'y' for salt limit intake

**NO**

Blending "on-farm"

**YES**

Will blending use large bales and a vertical mixer

**NO**

**INPUT**
Total Wt Based Batch Size (lbs)

**REVIEW**
Wt Based Batch (lbs) Intake (lbs/hd and lbs)

**REVIEW**
Selected Ingredients (% of diet) Intake (lbs/hd and lbs)

**REVIEW**
Check that the weight for Bales and bale counts Are correctly accounted for In the total batch size*

**PRINT**

**SAVE**
Save As Producer Name and Date Ex. John Doe 121008

**END**

*Example: if the batch contains 2 - 750 lb bales and hay will make up 40% of the diet then the total batch will equal (750 x 2)/0.4 = 3750 lbs as-fed.