Using the Langston Feed calculator
Class Exercise Meat Goat

Log on to www2.luresext.edu
Select the goat in the middle, Go to Nutrient Calculators, Select Producer Version Calculator

Calculate the nutrient requirement for a 130 lb, 4 year old doe with twins 6 weeks of age.

\[
\text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Try to feed her on Orchardgrass fresh early bloom

\[
\text{lbs Orchardgrass} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Add .5 lb of Dairy Feed 16% (will reduce range intake

\[
\text{lbs Range} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Calculate the Doe’s Requirements if she loses 2 lbs of bodyweight/month.

\[
\text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Can we meet her requirements on Orchardgrass?

\[
\text{lbs Orchardgrass} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Calculate the Doe’s Requirement in early Pregnancy

\[
\text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Let’s feed her on Mature Fescue alone.

\[
\text{lbs Fescue} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Let’s assume she has an intake of 3.0 and we use .5 lb of 16% dairy supplement

\[
\text{lbs Fescue} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Calculate the requirements for a doe 125 days pregnant with twins

\[
\text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]

Let’s feed her 1.0 lb of 20% range cubes and stockpiled fescue

\[
\text{lbs Fescue} \quad \text{Intake} \quad \text{TDN} \quad \text{CP} \quad \text{Ca} \quad \text{P} \\
\]