
WHOLE FARM NUTRIENT BALANCE CALCULATOR

GLOSSARY

Dry Matter (DM): This is the mass of feed, crops and other materials adjusted for moisture content to 100% dry matter content (zero moisture).

Crude Protein (CP): This is a common protein measure for feedstuffs. Crude protein is directly related to feed nitrogen (N) content.

Total Mixed Ration (TMR): Common feeding practice where grains and forages are mixed and fed as a batch.

As Fed (AF): Weight of feedstuffs or other materials unadjusted for moisture content.

Forage: Also known as “roughage” is the less nutrient dense feedstuff made from the whole plant, such as hay crop silage, hay, and grain plant silages (corn silage, wheat silage, etc.)

Animal Units (AU): This is a way to measure the number of animals on a farm when there are multiple species or animals of varying ages and weights. An animal unit is equal to 1,000 pounds live weight.

Animal Density: This is a measure of population per unit of area on a farm. In the mass nutrient balance analysis it is the number of animal units per tillable acre or per acre to which manure is applied.

For more information:

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