



Cross comparison of feed catalogue value with blood test

Need/issue: Internal parasitism.

Aim: To determine the mineral and vitamin needs of animals in an effective and practical way.

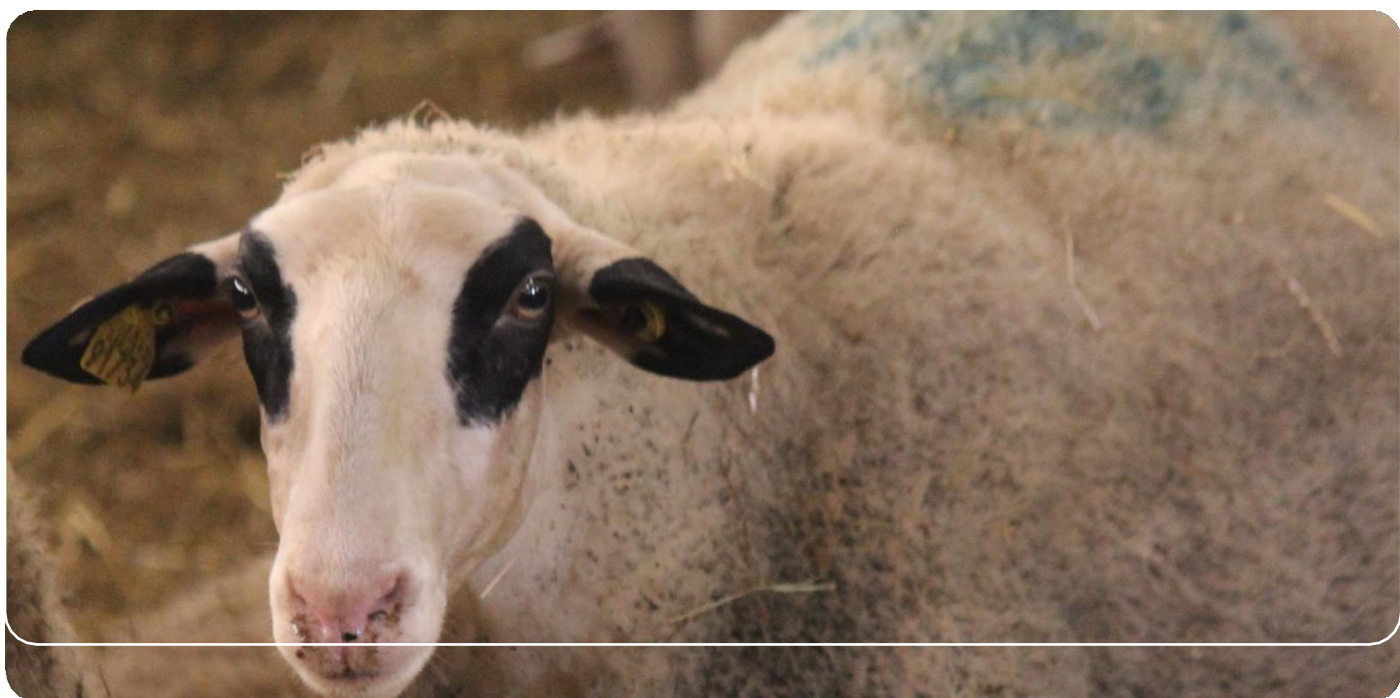
How to implement:

- 6-12 animals/100 for blood analysis, should be non diseased and representative.
- Blood test for vitamins and minerals can be done in private or government laboratories.
- Test results should be compared with the nutrition requirement catalog.



Description:

- Proper nutrition involves giving animals all the excellent quality forage they want and supplementing that with nutrients that may be deficient.
- Mineral and vitamin supplements are given to animals, to increase intake of critical nutrients. Thus, we can't correctly supplement minerals and vitamins without knowing the requirements of animals or the amount of nutrition provided by the ration.



Expected benefits:

- It is determined how much of the vitamins and minerals in the rations offered to animals are digested.
- How much additional vitamin and mineral supplements will be needed.
- Over-supplementation would be avoided and can reduce feed costs.

Prerequisites and/or limits:

- The blood samples should be analyzed intact, otherwise incorrect results may be obtained.
- Blood test is required; may be an additional cost.

Country: Turkey

Dairy or/and meat sheep: Meat or Dairy sheep

Category of Animal (ewe, replacement, lamb):
All

Topic:

- ☐ Health
- ☒ Nutrition
- ☐ Management

Level of solution:

- ☒ Knowledge
- ☐ Practical

Source of information:

<http://www.sheep101.info/201/mineralsandvitamins.html>

<https://u.osu.edu/sheep/2020/07/28/nutritional-requirements-of-sheep-minerals-and-vitamins>