

5. Sanitary methods in milk-production.
6. Separation of cream.
7. Ripening the cream.
8. Churning.
9. Finishing the butter for market.
10. Cheesmaking.
11. By-products of the dairy.

FARMING—SECOND HALF THIRD YEAR AND FOURTH YEAR.

I. The soil.

1. What the soil is.
2. How the soil is made.
3. Chemical composition of the soil.
4. The resources of the soil.
5. The texture of the soil.
 - a. What is meant by texture.
 - b. Why good texture is important.
 - c. How good texture is obtained.
 - d. The conservation of moisture.
7. The tillage of the soil:
 - a. What tillage is.
 - b. What tillage does.
 - c. How tillage is performed.
8. Farm resources for enriching the soil.
 - a. What farm resources are.
 - b. Cropping resources.
 - c. Direct application of manures.
9. Advice as to the use of commercial fertilizers.

II. Farm crops.

1. How plants live and grow.
2. Preparation of the land for the seed:
 - a. For wheat.
 - b. For oats.
 - c. For Indian corn.
 - d. For barley and rye.
 - e. For clover.
3. Subsequent care of the crops.

III. Stock for general farming.

1. Relation of animals to the soil.
2. Relation of animals to the crop.
3. The intrinsic value of animals to man.
4. The animal as a beast of burden.