



Department of Animal Resource

College of Agriculture

University of Sallahadin

Subject: Beef Cattle

Course Book – *For example* (Year , 4)

Lecturer's name , PhD MAJED WALY HASSAN

Academic Year: *For example* 2018/2019

Course Book

1. Course name	Beef cattle
2. Lecturer in charge	Majed waly hassan
3. Department/ College	Animal Resource
4. Contact	e-mail: majed_waly@yahoo.com Tel: (optional)
5. Time (in hours) per week	For example Theory: 2 Practical: 6
6. Office hours	Availability of the lecturer to the student during the week
7. Course code	
8. Teacher's academic profile	He holds a bachelor's degree in 1990 Mosul University - Faculty of Agriculture - Department of Animal Production He holds a Masters in 2002 Salah al-Din University Faculty of Agriculture - Department of Animal Production He holds a doctorate in 2009 Salah al-Din University Faculty of Agriculture - Department of Animal Production
9. Keywords	Dairy – cow- milk .dry period
10. Course overview:	<p>The cows at the present time from the main producing animals for meat in most countries of the world. Although the buffalo, goats and sheep are the main sources of milk in some Asian and African countries. And livestock production industry depends on the ability of animals to produce milk and meat. The progress which gets in the production of milk from these animals make this global industry.</p> <p>Beef cattle and distributed at the present time in all parts of the world one way or another, but the methods used in production are usually primitive in some areas, and advanced in some other areas. depend the development of the dairy industry in any country on three main factors:</p> <p>1 - market suitable for meat and dairy products.</p> <p>2 - possibilities and training the staff to collect and manufacture and distribution of meat.</p>

3 - continuous supply of meat of good quality.

11. Course objective:

The beef cattle and marketing of outstanding issues important to assist them in meeting the needs of humans from animal protein. As well as economic importance for animal husbandry milk and its role in promoting the country's economy. And know reasons of deficit in providing beef through lack of domestic production and processing of these reasons. Clarify the importance of economic dairy cattle in addition to systems husbandry of dairy cattle feeding these animals and fattening . how to set up farms for breeding animals meat and how his upbringing as well as how to balance the diet of milk cows and also curve of milk and types it, as well as knowledge of physiology breast meat ingredients and composition and some behavioral patterns in COWS.

12. Student's obligation

In this section the lecturer shall write the role of students and their obligations throughout the academic year, for example the attendance and completion of all tests, exams, assignments, reports , essays...etc

لیره مامؤسنا بهر پرسیارینتی قوتابی خونیندکار رووندکاتوه سهبارت به کورسهکه بؤ نمونه نامادهبوننی قوتابیان له وانهکاندا، له تاقیکردنه و هکاندا، راپورت و ووتار نووسین... هتد.

13. Forms of teaching

Data show. Power point.

14. Assessment scheme

2 Examination
Each Examination 10 Degree
Quizzese 5 Degree

15. Student learning outcome:

Students are taught how to work in the fields and how to deal with in every part of the field in terms of the composition of the bush and the process of milking and cleaning the barn, as well as field marketing products

16. Course Reading List and References:

1 - the production and marketing of beef cattle 1989

1 - feed and

<p>animal nutrition 1999</p> <p>2 – Beef Cattle Production 1989</p> <p>Technology meat 1989</p> <p>3 - raising and caring for buffalo 1992</p> <p>4 - feeding farm animals 1999</p> <p>5 - production of sheep and goats 1987</p>	<p>Journal Animal Science</p> <p>2 - Science and</p>
<p>17. The Topics:</p>	<p>Lecturer's name</p>
<p>First week: target from the beef cattle industry and the efficiency of meat production and the importance of meat for humans and the daily need of protein for the human body.</p> <p>Second week: Properties of meat such tenderness, juiciness and meat flavor and aroma of meat and also its color.</p> <p>Third week: the distribution of livestock , genus of livestock. breeds of livestock and characteristics of European cattle , Indian and African cattle and Iraqi cattle.</p> <p>Fourth week: Effect of environmental factors in the production of beef cattle, including temperature, humidity and air movement and rainfall. As well as the impact of heat stress on the performance of the animal in addition to the role of anatomical characteristics in the heat</p>	<p>Lecturer's name</p> <p>ex: (2 hrs)</p> <p>ex: 14/10/2015</p>

exchange.

Fifth and sixth week: the establishing and management of beef cattle herd ,and the factors that study in the founding of the herd and Beef cattle production systems and benefits of program of fattening and disadvantages of program of fattening and methods of fattening cattle and type of cattle to be fattened and the treatment of new animals.

Seventh week: growth and development and the factors that affect the growth and development and appreciation of growth.

Eighth and ninth week: feeding , nutritional value , feed of bulls , feed of outgrowth livestock and fattening

Tenth week: production and optimal weight for slaughter and the factors affecting the slaughter weight, dressing percentage, and factors affecting the dressing percentage.

Eleventh week: keeping meat and cooling.

Twelfth week: buffalo , buffalo breeds , production meat in buffalo , systems of fattening buffalo and must points which noticing of choosing buffalo calfs for fattening , systems of fattening , depending on the length of the fattening period.

Thirteenth week: the massacre and objectives of the slaughter in abattoirs and conditions to be provided in building slaughter , Main sections in the slaughter.

Fourteenth week: residues of secondary

<p>slaughter.</p> <p>Fifteenth week: sheep breeds and production of sheep meat.</p> <p>.</p> <p>.</p>	
<p>18. Practical Topics (If there is any)</p>	
<p>In this section The lecturer shall write titles of all practical topics he/she is going to give during the term. This also includes a brief description of the objectives of each topic, date and time of the lecture</p>	<p>Lecturer's name ex: (3-4 hrs)</p> <p>ex: 14/10/2015</p>
<p>19. Typical questions:</p> <p>The first question: Fill in the blanks:</p> <p>1 - meat contains % Protein almost, but this percentage varies according to In the meat.</p>	

Second question: Define the following:

1 - Hypertrophy

The third question: enumerate of following

1 - European cattle characteristics

Fourth question: justify the following:

1 - The efficient use of feed are affected reverse both very hot air and very cold.

Fifth question: Explain the following

1 - cows of karade

20. Extra notes:

Here the lecturer shall write any note or comment that is not covered in this template and he/she wishes to enrich the course book with his/her valuable remarks.

21. Peer review

پیداچونہوہی ھاوہل

This course book has to be reviewed and signed by a peer. The peer approves the contents of your course book by writing few sentences in this section.

(A peer is person who has enough knowledge about the subject you are teaching, he/she has to be a professor, assistant professor, a lecturer or an expert in the field of your subject).

نہم کورسبوو کہ دہبیت لہ لایہن ھاوہل کی نہکادیمیہوہ سہیر بکریٹ و ناوہرؤکی بابہتہکانی کورسہکہ پھسہند بکات و جہند ووشہیہک بنووسیت لہسہر شیاوی ناوہرؤکی کورسہکہ و واژووی لہسہر بکات.
ھاوہل نہو کہسہیہ کہ زانیاری ھبیت لہسہر کورسہکہ و دہبیت پلہی زانستی لہ ماموستا کہمتر نہبیت.