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**Department: ANIMAL RESOURCES**

 **College: AGRICULTURE**

 **University: SALAHADDIN-ERBIL**

 **Subject: Farm Management**

 **Course Book – 4th YEAR *STUDENT***

**Lecturer's name: Dr.Hozan Ahmad Mstafa BSc, MSc. PhD**

 **Shawnm Jabar Salih BSc, MSc.**

**Academic Year: 2022-2023**

**Course Book**

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| **1. Course name** | **Farm Management** |
| **2. Lecturer in charge** | **Shawnm**  |
| **3. Department/ College** | **ANIMAL RESOURCES/AGRICULTURE** |
| **4. Contact** | **e-mail:** **shawnm.salih@su.edu.krd****Tel:** |
| **5. Time (in hours) per week**  | **Theory: 2**  |
| **6. Office hours** | **All day** |
| **7. Course code** |  |
| **8. Teacher's academic profile**  | **Shawnm jabar salih BSc., MSc.****Mr. Dr. Hozan Ahmad Mstafa BSc, MSc. PhD.** |
| **9. Keywords** |  |
| **10. Course overview:**  Is farming a way or life or a business? It can be both! A well-managed farm can financially support the operator as well as employees, landowners, partners, and the resources it is using. But it requires some recognition of what the operators’ goals are. This provides a target for making key management decisions. Planning tools make decision-making easier, and a good information management system lets the operators know if their goals are being reached. Farm management is not only important for farmer managers, but is also important to lenders of farm credit, farm input suppliers, providers of marketing and information services, accountants, extension personnel, agricultural researchers, public policy makers, and consumers of food and fiber products. The purpose of this course is to help students gain an understanding of the issues facing farm and ranch managers today and provide a basic set of principles needed to manage a farm or ranch operation. These principles are not solely applicable to farming operations, however, but can be applied to any business operation. The course combines basic economic principles (such as opportunity cost, diminishing marginal returns, and so forth) with basic business financial management principles (such as partial budgeting, whole farm planning, capital budgeting and so forth) along with current topics in agriculture management today (land use, risk taxes, etc).  |
| **11. Course objective (Theory):**1. Illustrate the role of the manager and the decision maker on farms today and issues they will be facing. 2. Provide an introduction to key concepts needed to effectively manage a farm business. 3. Apply basic economic principles in the planning and decision making process for farms. 4. Understand tools useful to the manager in planning and controlling his/her farm business such as records, budgeting, break-even analysis and risk management. 5. Discuss other concepts and factors which affect a manager’s decision-making process and the profitability of a farm business. |
| **12. Student's obligation** Students should attend the lectures (theory) and participate in all quizzes during the course, also monthly examination and home work with reports required. |
| 13. Forms of teaching The forms of teaching include data show, power point also white board for explaining the subjects which needs more explanation and mathematical solutions. |
| **14. Assessment scheme****‌** Theoretical (100%)40% (Monthly Examination)60% (Final Examination) |
| **15. Student learning outcome:** **During this semester the student should learn the objective for studding farm management subject and identify farm management, livestock market, and market activity. Houses management or building of cattle, sheep and goat .marketing system and its problems, how reducing market risks and marketing strategies. also feeding management in different stage of livestock lives.**  |
| **16. Course Reading List and References‌:**1. Mark ,F., Andrew Th. and Darren G.(2007) Ewe Management Handbook.
2. Douglas. A. R., James W. and Michael S .(2000) Cattle management manual
3. **1-storey s Guide to rasingpoultry.Breeds;care;health Leonard S.Mercia.**
4. **2-Poultry production .Farm Management.**
5. **3-Internet sites :**

[**www.poltry.com**](http://www.poltry.com) **,www.thepoultrysite.com ,www.aviagen.com** |
| **17. The Topics:** | **Lecturer's name** |
| **Introduction****Sheep goat and cattle housing** | Dr. Susan M. Nur M. (2 hrs.)  |
| **Marketing management** |  Dr. Susan M. Nur M.  (2 hrs.) 2End WK  |
| **Reducing market risks and its strategies** |  Dr. Susan M. Nur M. (2 hrs.) 3Rd  |
| **Feeding management** | Dr. Susan M. Nur M. (2 hrs.) 4Th WK  |
| **Visiting to the cattle farm** | Dr. Susan M. Nur M. (2 hrs.) 5Th WK  |
| Flock uniformity  |  Mr.Hozan A. M.  (2 hrs.) 6Th WK  |
| How to calculate percentage uniformity in broiler and breeder broiler farm management  |  Mr.Hozan A. M.  (2 hrs.) 7Th WK |
| Broiler Management | Dr. Susan M. Nur M. (2 hrs.) 8Th WK  |
| Male Management. | Mr.Hozan A. M.  (2 hrs.) 9Th WK  |
| Breeder Broiler Management | Mr.Hozan A. M.  (2 hrs.) 10Th W |
| Visiting to breeder broiler farm to see all them and how they are rearing in their houses. | Dr. Nawzad M.Aziz (2 hrs.) 11Th WK  |
| Preparation of poultry house&Ventilation. | Mr.Hozan A. M.  (2 hrs.) 12Th Wk |
| **Health management** | Dr. Susan M. Nur M. 2 hrs.13&14Th WK |
| **Breeding management**  | Dr. Susan M. Nur M. hrs. 15Th Wk  |
| **19. Examinations:****Q1/A/ Define the following terms:****Farm management, Marketing, Demand** **B/** The market place for agricultural commodities are exceptionally risky what is an important reason.**The answer**/ The market place for agricultural commodities is exceptionally risky for three important reasons: **First**, no single farm producer can place or withhold enough of a single item on the market to affect the market price. **Second**, the quantity of a commodity taken off the market does not increase in proportion to price declines. **Third**, the farm manager cannot respond to falling prices by quickly switching production from an unprofitable item to a profitable one. **Q2/A/ Complete the following sentences with missing words or statements:** 1-To reduce risks and safeguard profits, the farm manager may use specialize or diversify depending on conditions; he may also use the futures market.2- **Market activity include 1**-Active*,*  **2-***Moderate,* **3-***Slow* **4-***Inactive* .**B**/**Put (T) if the sentence is true or put (F) if the sentence is fouls with correction of fouls sentence:**1. 1-In housing management earthen floor with a slope of 1:25 toward the open front is recommended but Concrete floor sloped 1:50 will help maintain clean conditions in the barn. (F)

  **Answer** is/ Earthen floor with a slope of **1:50** toward the open front is recommended but Concrete floor sloped **1:25** will help maintain clean conditions in the barn.**Q3/A-** Calculating uniformity broiler breeder * Percentage uniformity= No. weighed birds in range × 100

 total No. weighed birdsExample: No. weighted birds in range= 45total No. weighed birds =60Percentage uniformity= 45/60 × 100 = 75 % **B/**If we have farm breeder broiler ( No.Bird 10000 ) the average body weight(3kg) and (Fan capacity 10000 m3/hour) .how many fans we need for this hall in summer. (10 marks)10000 \* 3 kg = 30000 kg30000 \* 7 = 210000210000 ÷ 10000 = 21 fans |
| **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 پێداچوونه‌وه‌ی هاوه‌ڵ** 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).*ئه‌م کۆرسبووکه‌ ده‌بێت له‌لایه‌ن هاوه‌ڵێکی ئه‌کادیمیه‌وه‌ سه‌یر بکرێت و ناوه‌ڕۆکی بابه‌ته‌کانی کۆرسه‌که‌ په‌سه‌ند بکات و جه‌ند ووشه‌یه‌ک بنووسێت له‌سه‌ر شیاوی ناوه‌ڕۆکی کۆرسه‌که و واژووی له‌سه‌ر بکات.هاوه‌ڵ ئه‌و که‌سه‌یه‌ که‌ زانیاری هه‌بێت له‌سه‌ر کۆرسه‌که‌ و ده‌بیت پله‌ی زانستی له‌ مامۆستا که‌متر نه‌بێت.‌‌  |