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**Department of Field Crops and medical plants**

**College of Agriculture engineering science**

**University of Salahaddin**

**Subject: Technology of Forage Crops**

**Course Book: Year 2**

**Lecturer's name: Bnar Sardar Mustafa**

**Academic Year: 2022-2023**

**Course Book**

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| **1. Course name** | **Technology of Forag crops** | |
| **2. Lecturer in charge** | **Bnar Sardar Mustafa** | |
| **3. Department/ College** | **Field crops and medicinal plants/college of Agriculture** | |
| **4. Contact** | **e-mail:bnarsardar939@gmail.com**  **Tel: (optional):** | |
| **5. Time (in hours) per week** | **Practical:** | |
| **6. Office hours** |  | |
| **7. Course code** |  | |
| **8. Teacher's academic profile** | * Date of Birth**:**20-11-1990 * Place of Birth**: Irbil** * Nationality**:** Kurd * Marital status**:** Married * Sex**:** female   **Education:**   * **B.Sc:** * **M.Sc:**   **Work History:** | |
| **9. Keywords** |  | |
| **10. Course overview:** | | |
| **11. Course objective: to introduce of more of forage crops and identify it, knowing their life cycle and management.** | | |
| **12. Student's obligation** | | |
| **13. Forms of teaching**  **Teaching Methods**  1. Lecture  2. Self‐study  **Teaching Media**  1. PowerPoint presentations  2. Texts and teaching materials | | |
| **14. Assessment scheme** | | |
| **15. Student learning outcome:** | | |
| **16. Course Reading List and References‌:**  1. **RATHWAN**, A. S. and FAKHRY, A. K. (1976) Forage and pasture crops. second part. Forage crops. College of Agriculture.Mousl University p. 475- 500. ( In Arabic).  2. **Sunil** Kumar, Agrawal, R.K., Dixit, A. K., Rai, Arvind K. and Rai, S. K. 2012. Forage Crops and Their Management. Indian Grassland and Fodder Research Institute, Jhansi284003, Uttar Pradesh, India. pp 60  3. www.icar.org.in/files/forage-and-grasses.pdf | | |
| **17. The Topics:** | | **Lecturer's name** |
| 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. | | Lecturer's name  ex: (3 hrs) |
| **18. Practical Topics (If there is any)** | |  |
| **1st week:** introduction of forage crops  **2nd week:** Alfaalf plant  **3rd week: first exam**  **4th week:** Egyption clover  **5th week** True clover  **6th week: :** sweet clover  **7thweek:** chickpea  **8thweek: second exam**  **9thweek:** annualmedics  **10thweek**: broad leafed  **11th week:** *Sorghum* *bicolor*  **12th week:** *Sorghum**sudanense* | | : (3 hrs.) |
| **19. Examinations:**  ***1. Compositional:*** In this type of exam the questions usually starts with Explain how, What are the reasons for…?, Why…?, How….?  **1- write reasons of the following:**  **1.**  **2.**  **3.**  ***2.True or false type of exams:***  ***1.***  ***2.***  ***3.***  ***3. Multiple choices:***  1.  2.  3. | | |
| **20. Extra notes:** | | |
| **21. Peer reviewپێداچوونه‌وه‌ی 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.‌‌ | | |