

**FOUR YEAR UNDERGRADUATE PROGRAMME (FYUGP) IN HYBRID NAPIER
GRASS CULTIVATION AND MARKETING
DETAILED SYLLABUS OF 3RD SEMESTER**

Course Code : SEC
 Name of the Course : **Cultivation and Marketing of Hybrid Napier Grass.**
 Nature of Course : **Skill Enhancement Course (SEC335)**
 End Semester : **60 Marks**
 In Semester : **40 Marks**
 Course Credit : **03**

Objective of the Course:

1. To give a brief overview about cultivation and marketing of Napier Grass.
2. To generate interest in the field of Hybrid Napier Grass Cultivation.
3. To trained the learners to earn with minimum investment.

UNIT	CONTENTS	L	T	P
I (20 Marks)	Introduction 1.1 Description of Napier Grass 1.2 Hybrid Napier Grass Cultivation for Livestock & its possibilities 1.3 Climate	6		
II (20 Marks)	Production Technology of Hybrid Napier Grass 2.1 Time of planting 2.2 Soil requirements 2.3 Sowing of Napier Grass 2.4 Pest management 2.5 Irrigation 2.6 Time of Harvesting	8	1	
III (20 Marks)	Various Uses of Hybrid Napier Grass 3.1 Fodder Crop 3.2 Nutritive value of Napier Grass 3.3 Production of Biomass and Bio-fuel 3.4 Reduces soil erosion and increases soil fertility 3.5 Napier Grass and Environmental Issues	8	1	
IV (20 Marks)	Agriculture Marketing 4.1 Agriculture Marketing: Concept, Features & Strategies 4.2 Introduction to Agri-Business management 4.3 Marketing & Management Policies for agro product 4.4 Silage Making 4.5 Quality Testing Report	8	1	
	Total	30	03	

L: Lectures

T: Tutorials

P: Practicals

MODES OF IN SEMESTER ASSESSMENT : 40 MARKS
 • PRACTICAL/FIELD STUDY : 30 MARKS
 • VIVA-VOCE : 10 MARKS

LEARNERS OUTCOMES:

After the completion of this course, the learners will be able to:

- Cultivate Napier Grass in a single way or in groups with minimum investment.
- Be self-reliant as an agripreneurship
- Be aware about environmental issues and presentation.

READING LIST:

1. Takahashi, M, Moomaw, J.C. & Ripperton, J.C., 'Studies of Napier Grass III. Grazing Management, University of Hawaii, 1966
2. Napier Grass (Pennisetum Purpureum): A Pasture and Green Fodder Crop for Hawaii (Classic Reprint) Paperback-28 July 2018
3. N. Pathak & H.C. Singh, Fodder Production, Conservation & Evaluation for Livestock Production
4. Anil Kumar Singh, M. A. Khan, Natarajan Subhas & Krishna Murari Singh, 'Forages & Fodder'.
5. S.S. Acharya & N. L. Agarwal, 'Agricultural Marketing in India', C.B.S. Publication
6. ড° জয়ন্ত গগৈ, হাইব্রীড নেপিয়াৰ ঘাঁহ খেতিৰ অভিজ্ঞতা আৰু সম্ভাৱনীয়তা, বসুন্দৰা, ৭ আগষ্ট, ২০২২