

Reusable Learning Objects in Agriculture

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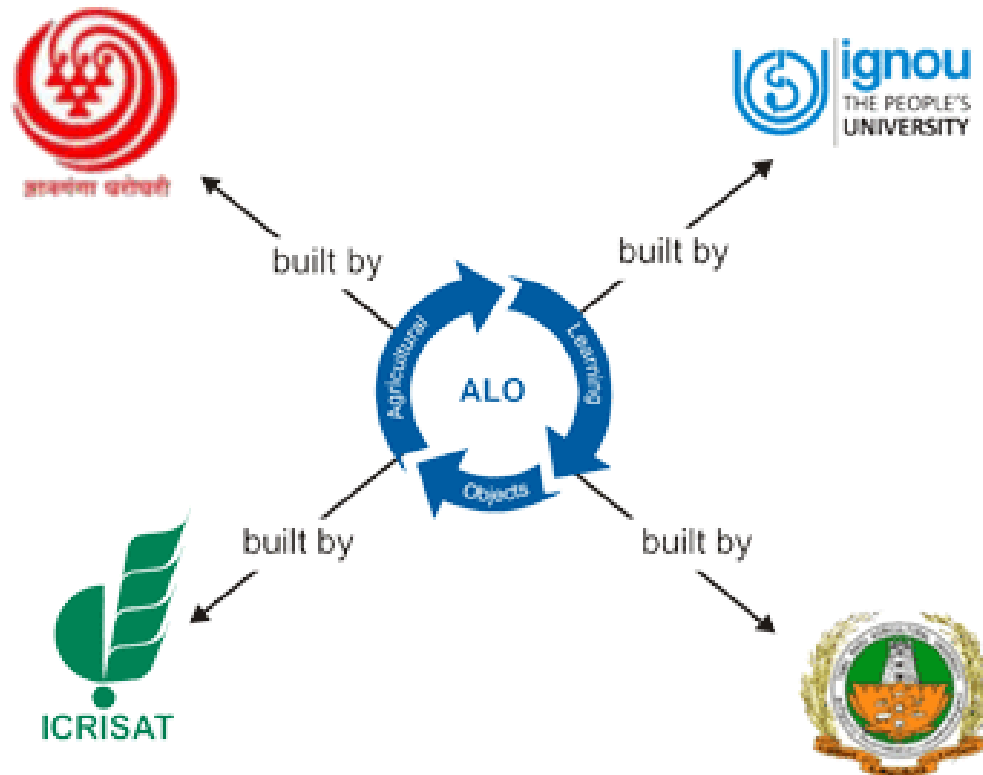
Reusable Learning Objects in Agriculture

<http://agropedialabs.iitk.ac.in/agrilore>

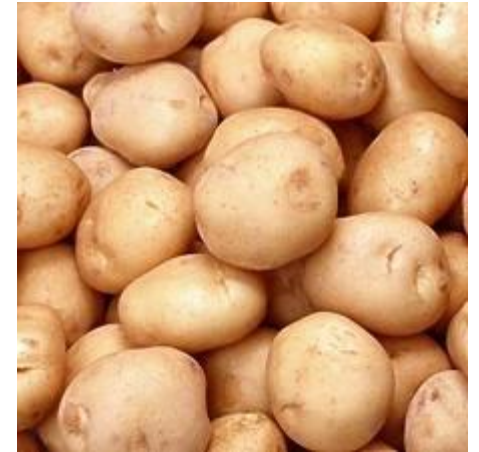
The vision of success of this platform known as 'AgriLORE' is the creation of a national community of agricultural educators and researchers who will both teach and add to the latest material on agricultural research, development, and policy, thereby contributing to pro-poor and sustainable agricultural growth and to poverty reduction.

Partners

- Yashwantrao Chavan Maharashtra Open University (YCMOU)
- Indira Gandhi National Open University (IGNOU)
- International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)
- Tamil Nadu Agriculture University (TNAU)



RLO Crops

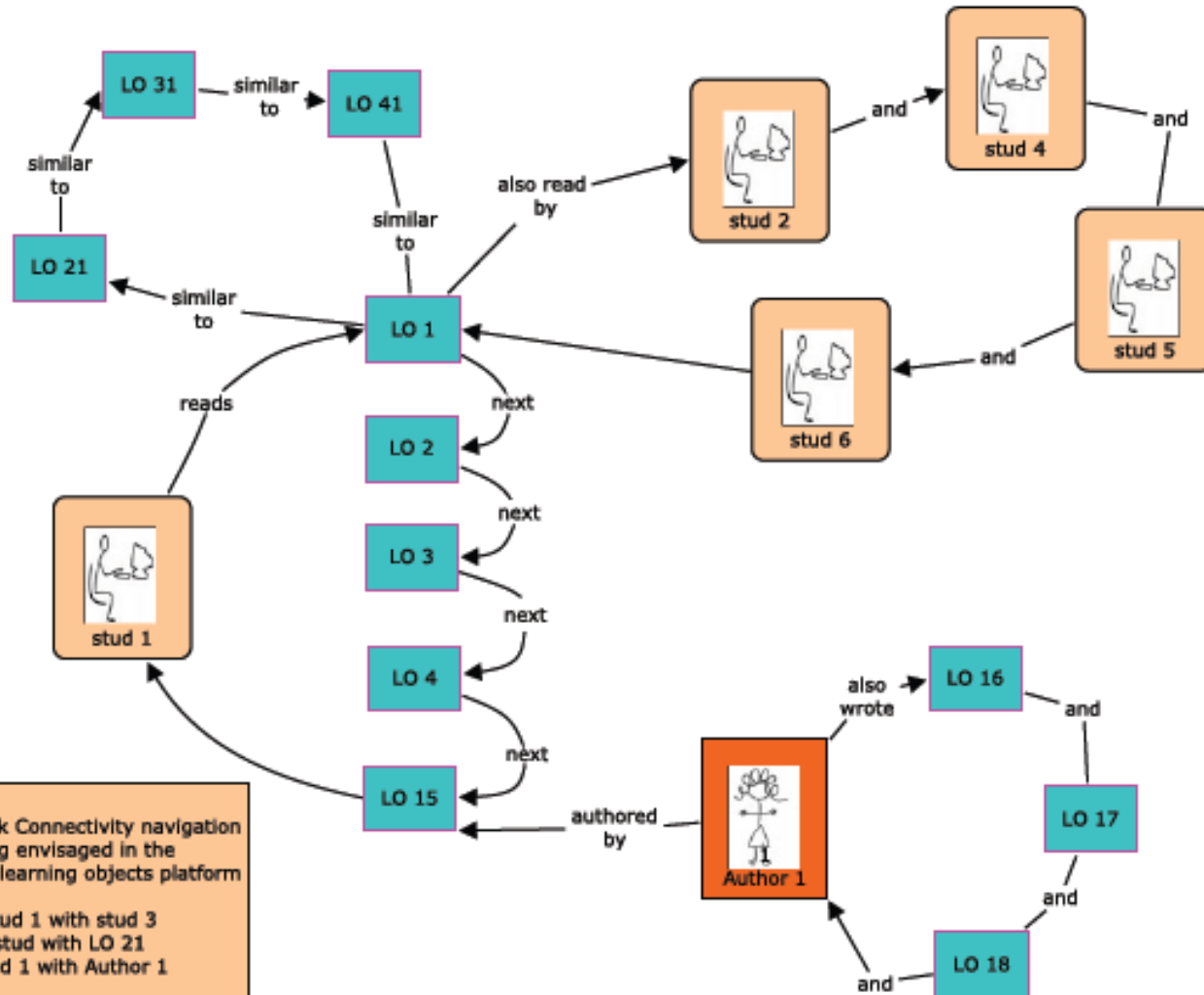


Two Points

- Content with Consumers
- Meta-data

Two Points

- Content with Consumers
 - Missing part of e-learning: the social network
 - Who is reading 'my RLO'
 - Automatic formation of the list
- Meta-data
 - 3 taxonomies at least!



Single Click Connectivity navigation being envisaged in the Re-usable learning objects platform

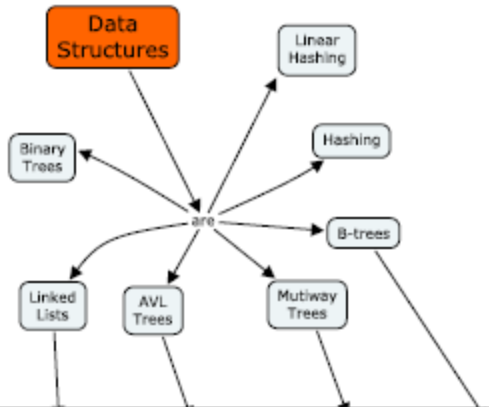
- stud 1 with stud 3
- stud with LO 21
- stud 1 with Author 1

other connections need to be navigated by multiple hops, like

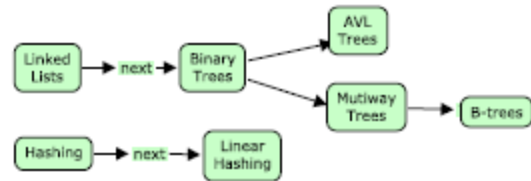
- stud 1 with LO 16
- stud 1 with Author of LO 21

Rule: 2 hops in single click

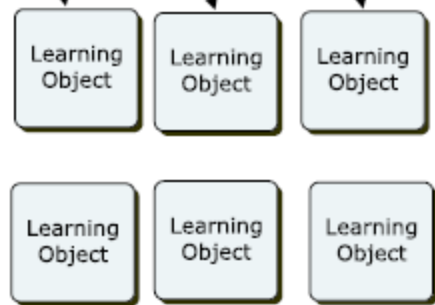
Universal Models



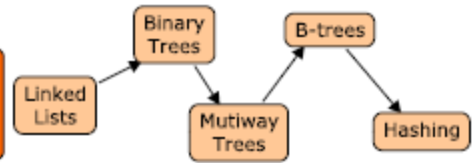
Data Structures Dependencies



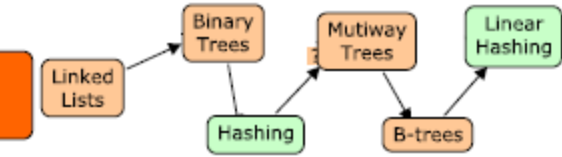
Speific Instances



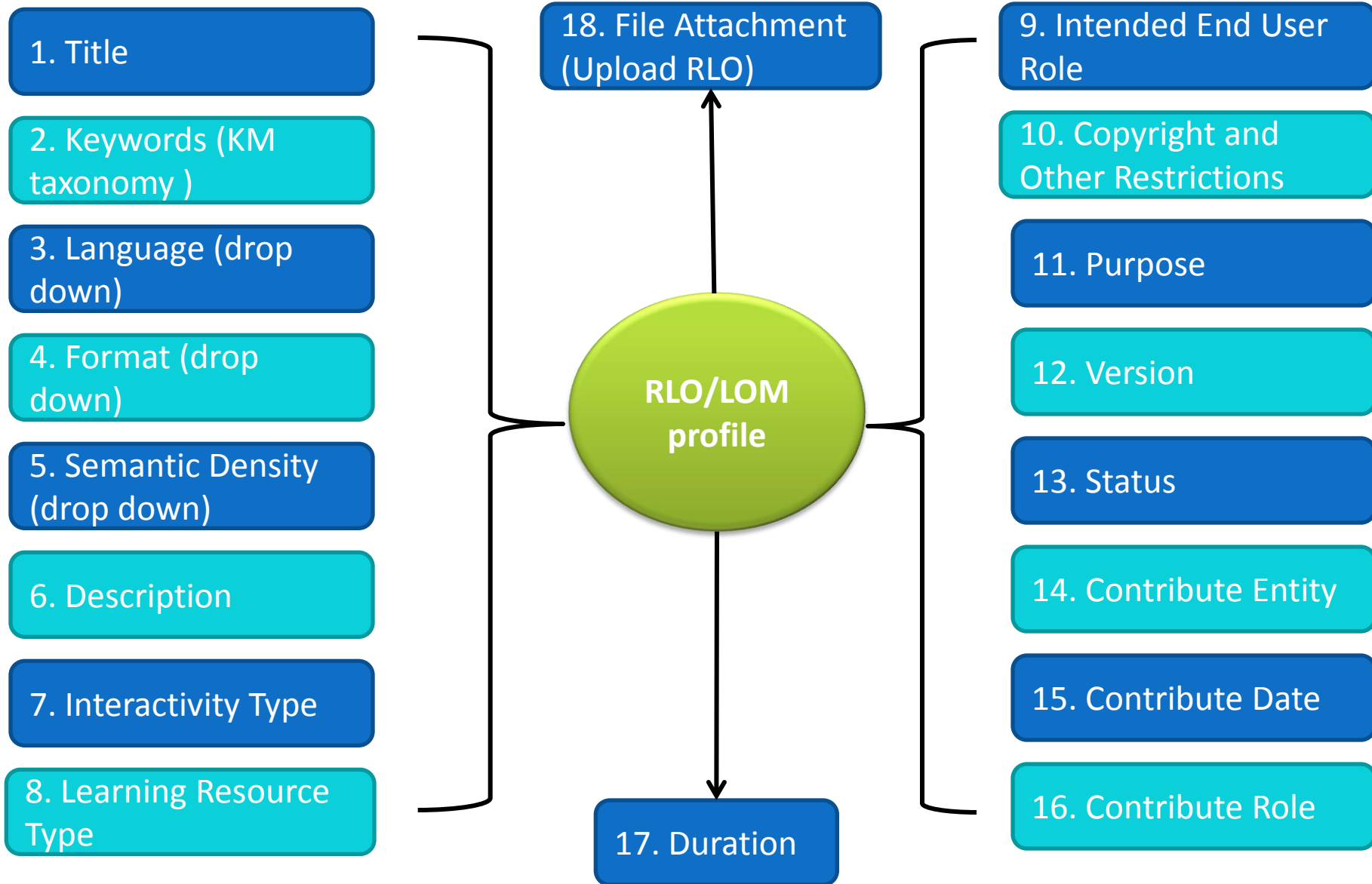
IITM Data Structures Course CS210



IITK Data Structures Course EE211



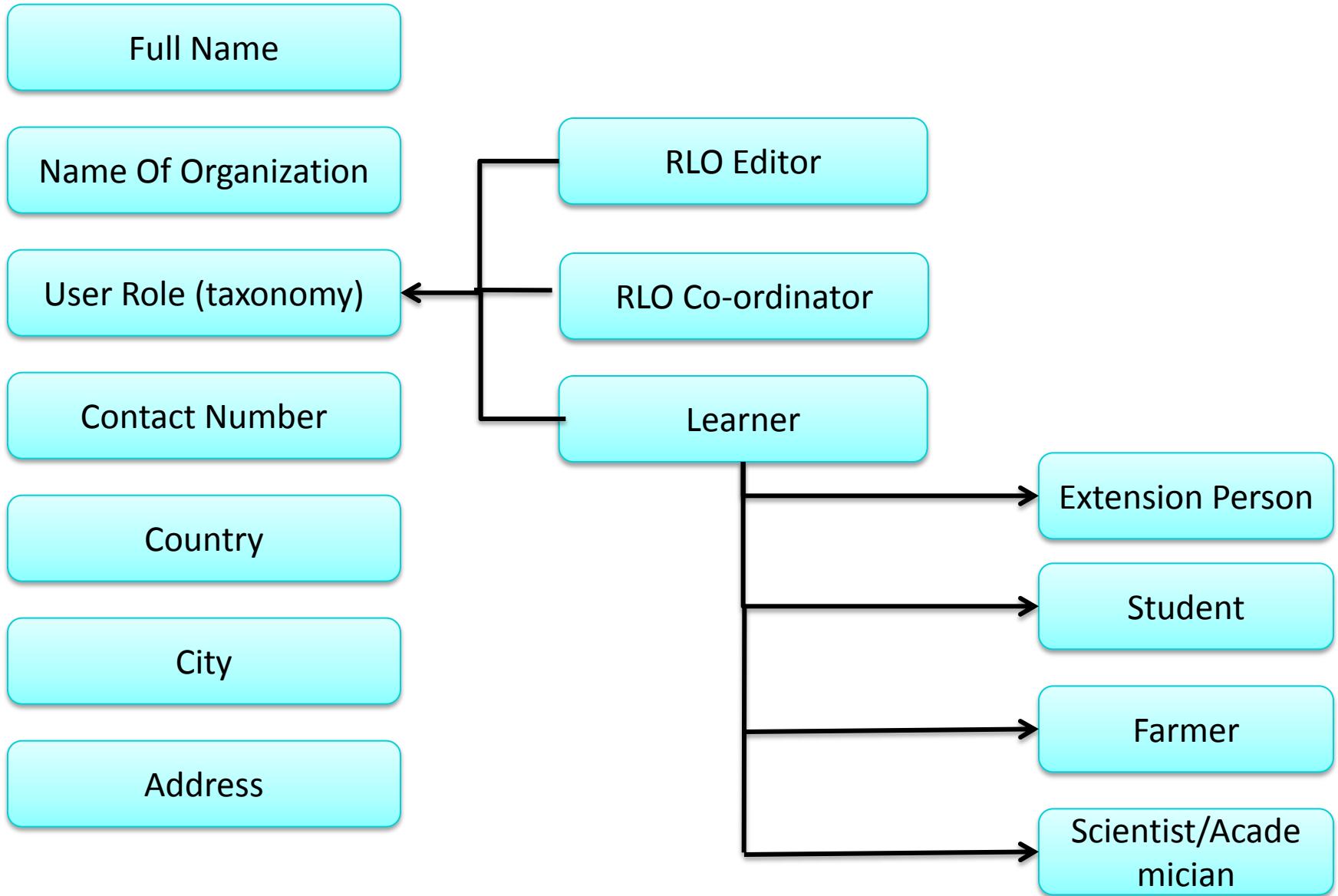
Mandatory Fields of RLO/LOM Profile



Option/Recommended Fields of RLO/LOM Profile

- Description
- Aggregation Level
- Size
- Keywords
- Coverage
- Language
- Metadata Schema
- Identifier Catalog
- Contribute Date
- Contribute Role
- Typical Age Range
- Location
- Structure
- Identifier Entry
- Identifier Catalog
- Identifier Schema
- Contribute Entry
- Requirement or Composite Type
- Requirement or Composite Name
- Requirement or Composite Minimum Version
- Installation Remarks
- Requirement or Composite Maximum Version
- Other Platform Requirements
- Interactivity Level
- Context
- Difficulty
- Typical Learning Time
- Description
- Language
- Cost
- Kind
- Resource Identifier Catalog
- Resource Identifier Entry
- Resource Description
- Entity
- Date
- Description
- Taxon Path Source
- Taxon Path Taxon id
- Taxon Path Taxon Entry
- Description
- Keyword

User Profile



Course Profile

Course Title

Keywords (KM taxonomy)

Objective

Target Group

Description

Duration

Sample Course Containing Three RLO's

Integrated Nutrient Management in Rice

Fri, 11/19/2010 - 17:04 — vimlesh

Objective:

To Learn role and deficiency symptoms of essential plant nutrient of rice

Target Group:

Extension Worker/Farmer

Description:

Role and deficiency symptoms of essential plant nutrient of rice.

Duration:

1 hour 10 minutes

-
- [Green Manuring in Paddy](#)
 - [Nitrogen - Nutrient management in organic basmati rice](#)
 - [Potassium Nutrient for rice](#)

[Green Manuring in Paddy >](#)

Sample RLO

Green Manuring in Paddy

Wed, 11/17/2010 - 14:51 — administrator

—▶ [Metadata](#)

Attachment

Size

[Green Menuring in Paddy \[www.keepvid.com\].flv](#)

4.55 MB



Similar RLO's

- [Potassium Nutrient for rice](#)
- [Nitrogen - Nutrient management in organic basmati rice](#)

RLO Readers

- [tvprabhakar](#)
- [administrator](#)
- [vimlesh](#)
- [demo](#)

- **Keywords:** [Green manures](#), [Organic manure](#), [Components](#), [INM in rice](#)
- **Language:** [English](#)
- **Format:** [FLV](#)
- **Semantic Density:** [Medium](#)

Thank you