



# agropedia

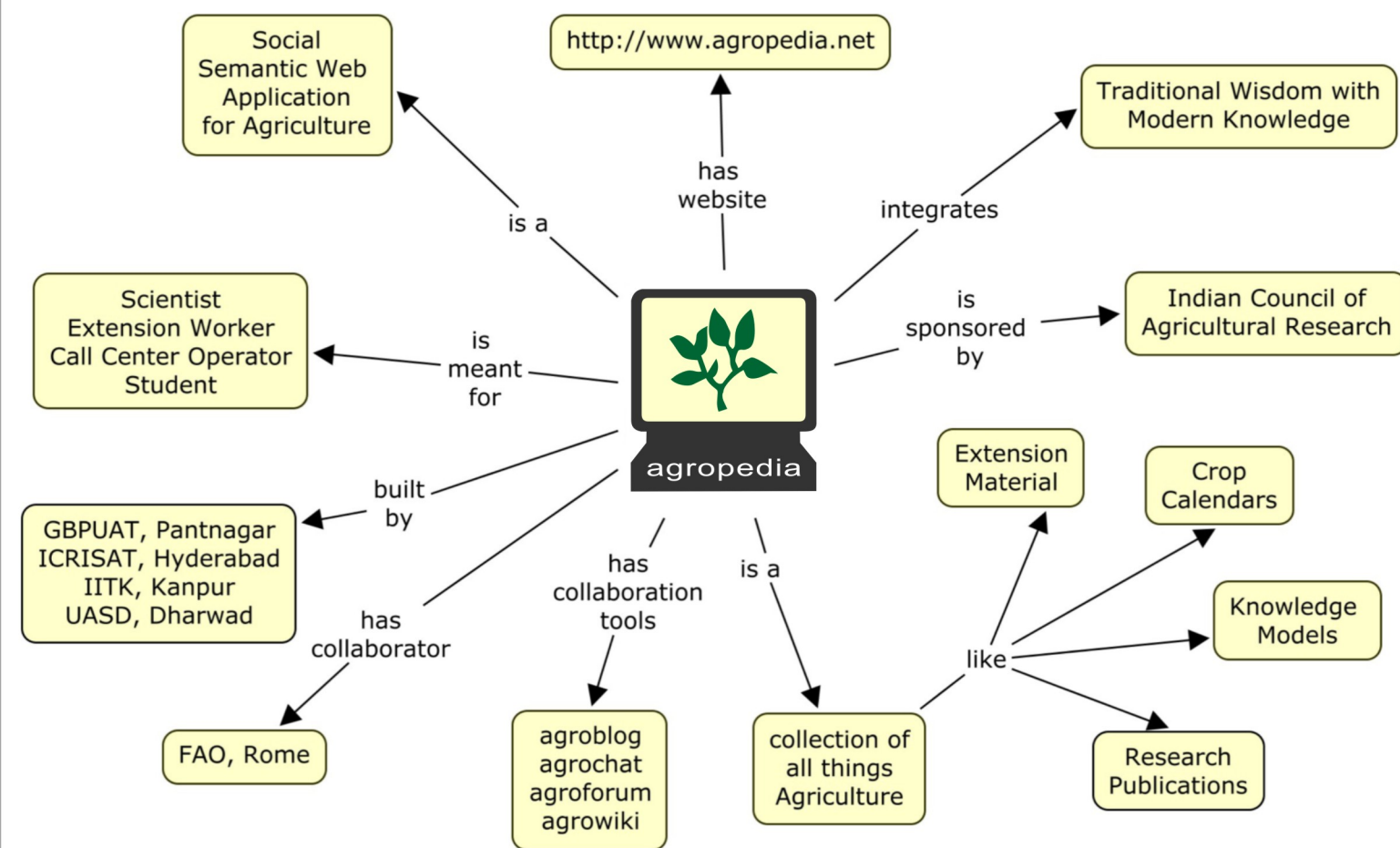
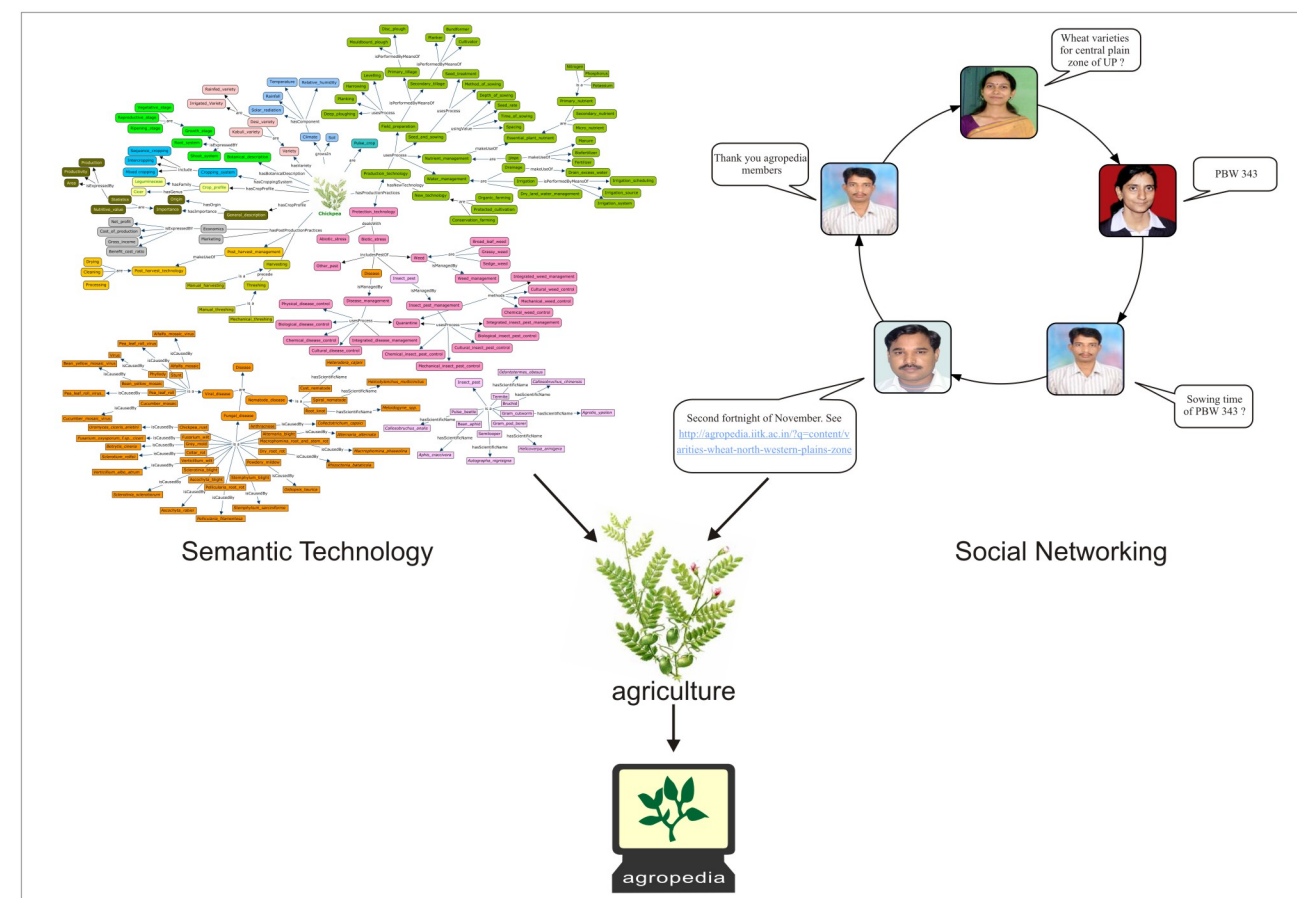
http://www.agropedia.net

The Knowledge & Interaction Hub for Indian Agriculture



agropedia is a one stop shop for all information, pedagogic or practical knowledge related to extension services in Indian agriculture. agropedia is sponsored by National Agricultural Innovation Project, Indian Council of Agricultural Research. Using state of the art practices and techniques of the semantic web, agropedia is a platform where both specialists in the agriculture research and education domain and students and others interested in agriculture can make contributions to the knowledge base. The users have a choice to contribute towards the *gyan dhara* (certified content) or participate in the interaction space to contribute to *janagyan* (emergent knowledge). Thus, the users of agropedia are the architects of the knowledge, which is the lifeblood of agropedia, and they do so through an easy to use and attractive web interface.

## agropedia: Semantic Technology & Social Networking for Agriculture



## Sample content from agropedia


**Pod Borers of Chickpea**

View Edit

January 8, 2009 by *shelly*

Posted in [Biotic stress](#) [Chickpea](#) [Helicoverpa armigera](#) [Insect pest](#) [Gram pod borer](#) [Protection technology](#) [India](#)

**Pod borers**



**Damage symptoms :**




- Feed on all green parts and defoliate young crops.
- Large larvae cut round holes in the pod wall and devour the seed inside.

**Description :**

- Adult is a large brown moth active at night.
- Eggs are laid singly on the underside of leaflets.
- The fully grown larva may be of several shades of yellow, pink, red, green, or black. But on chickpea, the larvae are green.
- All larvae have characteristic and distinct light and dark bands along their sides.
- Pupation occurs in the soil.
- The life cycle is completed in about 4 weeks under optimum conditions.

**Control :**

- Endosulfan and synthetic pyrethroids give good control if applied when larvae are small.
- Insecticide dusts can be conveniently used because the dust adheres to the exudate-covered plants.
- Considerable resistance to several insecticides have been reported.
- Insecticide use should be used only when populations are above the economic threshold.

## agropedia deployment options



## OBJECTIVES

- To develop an agricultural repository and to build a Digital Ecosystem in agricultural domain for proper knowledge circulation
- To prepare a bridge between Explicit knowledge holders (like agricultural researchers, scientist, experts) and Tacit knowledge holders (like farmers and other field workers)
- To deploy extension services for agricultural development

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# Crop Knowledge Models

Knowledge Models are the visual representation of the important concepts of agriculture with appropriate relationship between them. This is an attractive, interactive and efficient way of information dissemination to the user. Knowledge models are designed for indexing and browsing agropedia content. agropedia currently deals with nine crops namely, Rice, Wheat, Chickpea, Pigeon pea, Vegetable pea, Sorghum, Groundnut, Sugarcane and Litchi.

