

The IRRI logo is displayed in a green, serif font. It is positioned in the upper left quadrant of the slide, above a horizontal bar that is yellow on the left and green on the right. The background of the slide features a close-up of a rice flower in the top left, a blue textured background with a white rice stalk and grain pattern in the center, and a green wavy shape at the bottom.

Control of ICIS Technical Documentation

(Quality Assurance's Perspective)

OVERVIEW

Quality Assurance is an element of Quality Management Systems (QMS) which involves all those planned and systematic actions necessary to provide adequate confidence that a product or service (**ICIS**) will satisfy given requirements for quality.

ICIS Quality Assurance Activities

Covers all activities from design, development, production, installation, servicing and **documentation**.

Documentation

A set of documents, which enables communication of intent and consistency of action.

Documentation requirements include QMS documentation, quality manual, **control of documents** and **control of records**.

DOCUMENTATION CONSIDERATIONS

4.2.4 Control of ICIS Technical Documents Checklist	Yes	No	N/A
a) Approve documents for adequacy prior to issue.			
b) Review and update as necessary and re-approve documents.			
c) Ensure that changes and the current revision status of documents are identified.			
d) Ensure that relevant versions of applicable documents are available at points of use.			
e) Ensure that documents remain legible and readily identifiable			
f) Ensure that documents of external origin are identified and their distribution controlled.			
g) Prevent the unintended use of obsolete documents, and to apply suitable identification to them if they are retained for any purpose.			
4.2.4 Control of ICIS Technical Records Checklist	Yes	No	N/A
a) Records remain legible, readily identifiable and retrievable.			
b) A documented procedure is established to define the controls needed for the identification, storage, protection, retrieval, retention time and disposition of records.			

 PRESENT CONCERNS

- **Versioning**

The versioning issue is really a ‘revision issue’.

- **Freezing**

The freezing issue is when to stop revising an existing technical document.

The background features a light blue sky with a subtle pattern of rice grains. In the top left, there are several golden rice grains. Below them, two stylized white silhouettes of rice plants are shown against a light blue background. The bottom of the image has a green wavy border.

IRRI

ALTERNATIVE

 CIMMYT^{MR}

Wiki

- more useful for knowledge base to harness the knowledge from as many collaborators as possible
- no workflow or approval mechanism for publishing articles
- content is not structured and difficult to reuse in other applications

CMS

(Content Management System)

- more useful for editorial process that needs control to the site's content
- has delegated access controls for different users to organize and tag content
- content is structured that allows articles to be used by different sites in variety of ways



ICIS Technical Documentation

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- Released ICIS 5.3.0 - 5.3.1
 - Overview
 - Users Manual and Training Material
 - Applications
 - Web Interface
 - Breeders' Training Course
 - Administration
 - Technical Development

The International Crop Information System

Written by Administrator

Wednesday, 05 March 2008 03:23

This is the Joomla site for the **International Crop Information System (ICIS) Technical Documentation**. You can view the content of this site, but you need a user account in order to edit the content. If you already have an account, please use the login link below to login before proceeding to other pages.

User accounts will generally be provided to anyone interested or involved in the field. If you would like to get an account or need any help with this technical documentation site, please contact:

Vivay Salazar (v.salazar@cgiar.org)

Weng Valerio (r.valerio@cgiar.org)

Last Updated (Wednesday, 05 March 2008 04:18)

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5.3 Application Programs

Filter Display #

#	Article Title	Author	Hits
1	GMS Input	Administrator	1
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4	GMS SEARCH	Administrator	2
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Set Generation

Written by Administrator

Thursday, 06 March 2008 03:06



SET GENERATION MODULE (SETGEN)

Introduction

The Set Generation Module (SETGEN) is an application that uses the GMS to produce lists of germplasm descriptors for breeding, evaluation, or any other purpose. List entries need not exist in GMS, but if they do not, they may be added through the external pedigree input tool, which is integrated with SETGEN. Germplasm descriptors can be selected from existing lists or directly from GMS. Details of the new germplasm generated by the list process are stored in the GMS. It is not necessary that all information about a particular germplasm be entered at one time, because modifications can be made to germplasm records at any time.

The functions of SETGEN are:

- to produce lists of germplasm descriptors defining new crosses or selections, or for evaluation, distribution, or management,
- to retrieve GMS details of existing germplasm needed for field book construction, and
- to record all GMS details of new germplasm generated by the list process.

SETGEN is an application designed for plant breeding and germplasm evaluation. Breeders usually start with a list of potential parents (i.e., a list of rice varieties, each known for specific traits). From this list, the breeder selects male and female parents and makes a crossing list. After crossing and selfing, selections are made from one list and moved to the next list for the next generation. This process continues until successful fixed lines are derived.

SETGEN adds new germplasm to the Local GMS, which are seen only by authorized users. Only when the local database is uploaded to the Central GMS will the information be made public.

SETGEN allows the user to specify default values to use at start-up by reading the [SETGEN] section of the current INI file. The types of default values that may be specified are: crop, default methods, and locations. The [SETGEN] section is also used to store values used by SETGEN in the session immediately preceding. If the [SETGEN] section does not exist, the following defaults are used: RICE for crop, and all of the self-pollinated ('S') and general ('G') methods.

The [SETGEN] section follows the INI file format (please refer to...). For example, to specify the bread wheat crop, the [SETGEN] section must include the following line: CROP=BW. The table below contains SETGEN keys that may be specified to a desired value, if the default value is otherwise. If a key is not found, the corresponding default value (in parenthesis) is assigned.

Table 1. SETGEN Modification Keys