T-DNA PROJECT OVERVIEW

INFORMATICS

T-DNA Computational Line Management

SEED PLATING

Seed Allocation

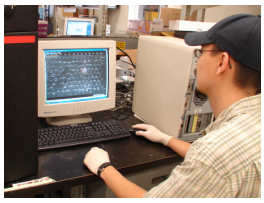
Seed Plating & Germination

PLANT GENOTYPING

Robotic PCR Set Up

HTP Gel Electrophoresis

Computerized Gel Scoring



Reconfirmation

PLANT SEGREGATION

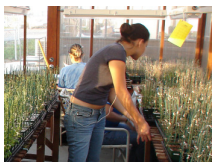
Transfer Seedlings From Petri Dishes to Pots with Soil

LEAF CUTTING

Plant Tissue Removal for DNA Extraction

T-DNA Hm LINE SELECTION

Weeding Out of Hz & Wt Plants



Staking of Hm Specimens

RECONFIRMATION

Questionable Hm Lines Are Genotyped a 2nd Time

Reconfirmation

QC CHECK

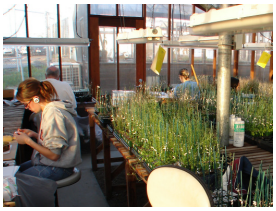
Hm Line Validation

COLLECTION

Line Bar Coding, Seed Harvest & Allocation

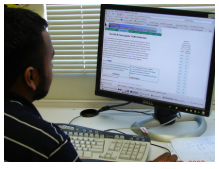
SHIPMENT

Line Scanning & File Update



Seed Stock Splitting

Ship Hm Lines to ABRC



WEBSITE UPDATE

File & Website Update

Back to

INFORMATICS

T-DNA Computational Line Management

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