

**IRRI**  
INTERNATIONAL RICE RESEARCH INSTITUTE

# INGER Inventory System and Seed Dispatch System



# INGER Inventory System

IRTPNo and Designation

Nursery

Source, year, category and total amount

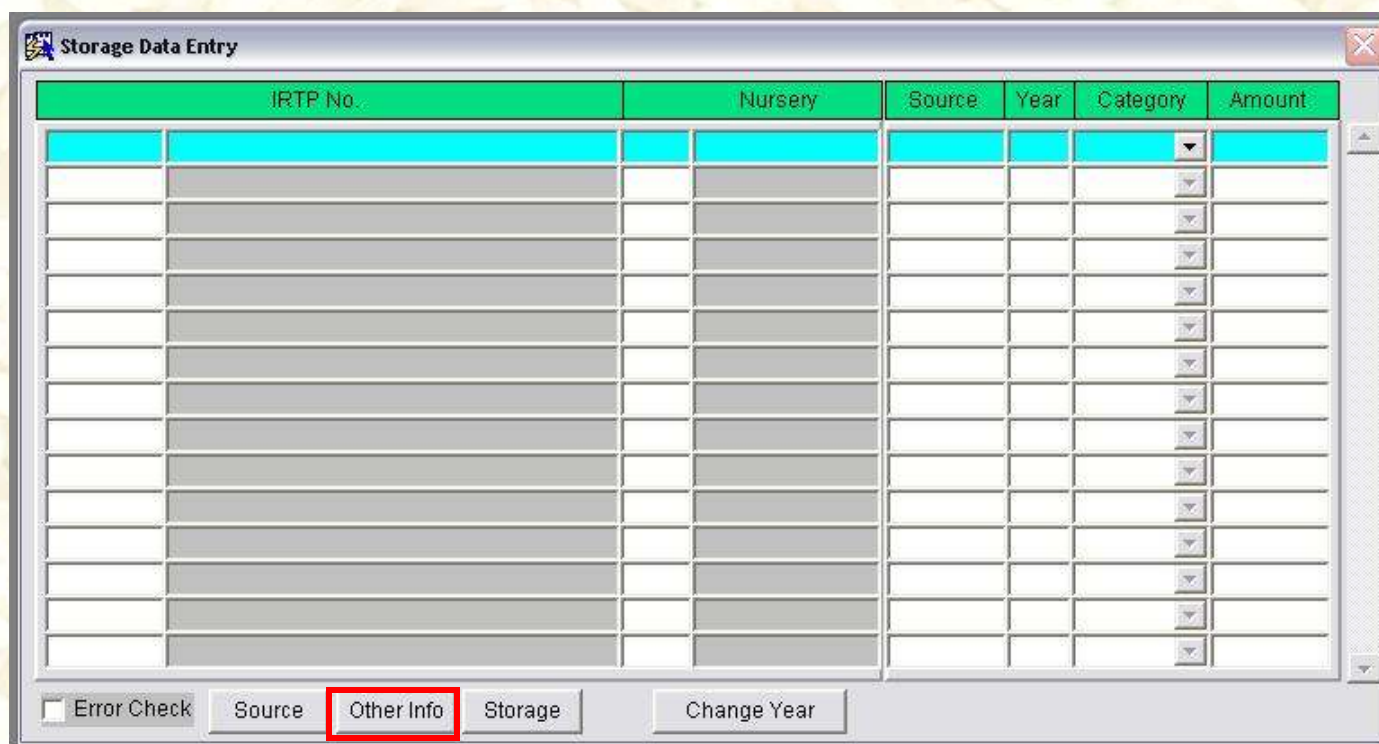
**Storage Data Entry**

IRTP No.		Nursery		Source	Year	Category	Amount

Error Check  
  Source  
  Other Info  
  Storage



# Storage Data Entry Form



The screenshot shows a software window titled "Storage Data Entry". It contains a table with the following columns: IRTP No., Nursery, Source, Year, Category, and Amount. The table has 11 rows, with the first row highlighted in cyan. Below the table, there are several controls: a checkbox for "Error Check", a set of tabs for "Source", "Other Info" (which is highlighted with a red border), and "Storage", and a "Change Year" button.

IRTP No.	Nursery	Source	Year	Category	Amount

Error Check    Source    **Other Info**    Storage    Change Year

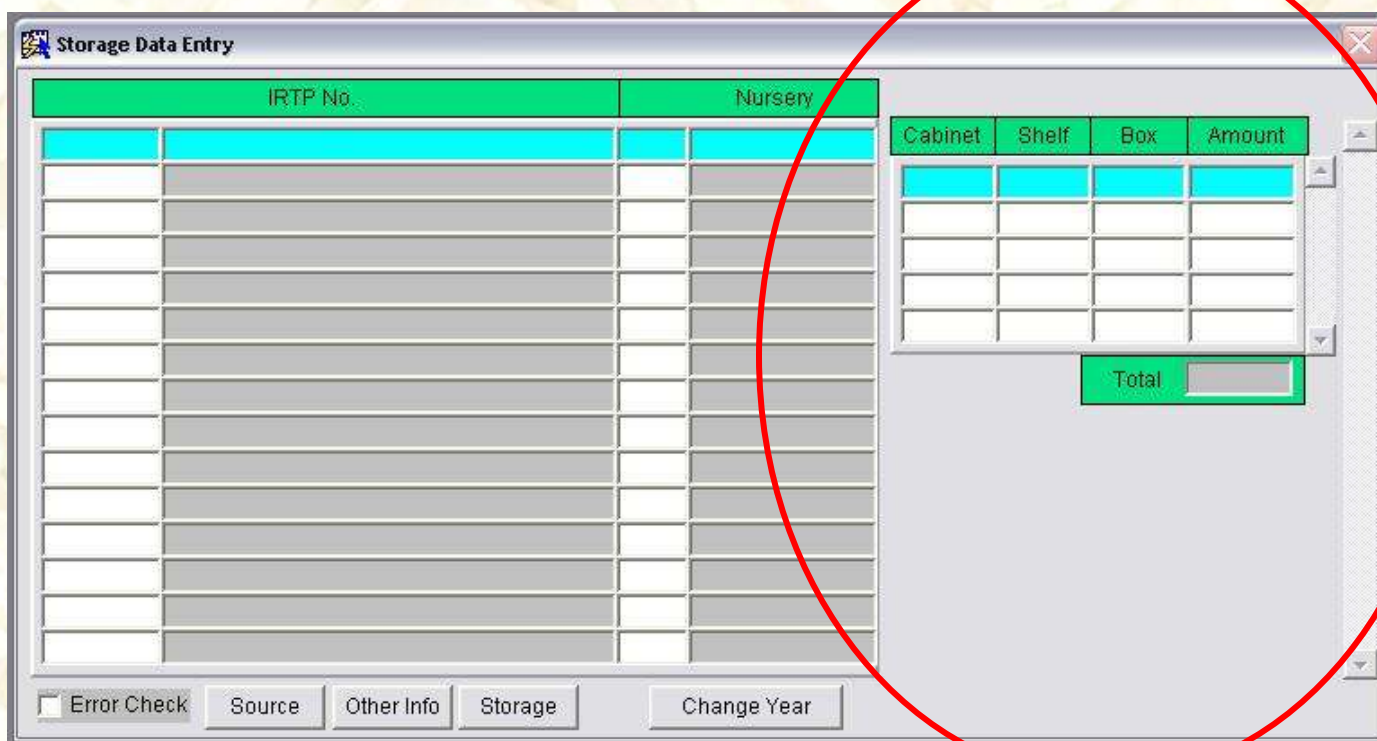
# Other Info

Storage Data Entry

I RTP No.	Nursery	Mixture	Discolor	GT %	GT Date

Error Check    Source    Other Info    **Storage**    Change Year

# Storage Location



The screenshot shows a software window titled "Storage Data Entry". It features a main table with columns for "IRTP No." and "Nursery". To the right, there is a smaller table with columns for "Cabinet", "Shelf", "Box", and "Amount", followed by a "Total" label and a text input field. At the bottom, there are several buttons: "Error Check" (with a checkbox), "Source", "Other Info", "Storage", and "Change Year". A red circle highlights the central data tables and the summary section.

IRTP No.	Nursery

Cabinet	Shelf	Box	Amount

Total

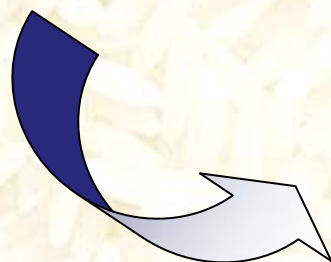
Error Check    Source    Other Info    Storage    Change Year



# Migrating data into IMS

## INGER Storage Table

Column	Type	Sample data
SOURCE	char (8)	20070198
NURSCODE	char (3)	101
YEAR	char (4)	2007
IRTPNO	char (5)	19122
CATEGORY	char (1)	U
CABINET	char (3)	11
SHELF	char (3)	6
CONTAINER	char (3)	10
AMOUNT	number	6407
INPUT_DATE	date	30-Jun-07



Column	Type	Sample data
SOURCE	text	20070198
NURSCODE	text	101
NURSNAME	text	IRVYT
YEAR	text	2007
IRTPNO	text	19122
<b>IRTP_NUM</b>	text	<b>IRTP 19122</b>
DESIG	text	IR55423-01 (NSIC RC9)
CATEGORY	text	U
CABINET	text	11
SHELF	text	6
CONTAINER	text	10
AMOUNT	number	6407
INPUT_DATE	number	20070630
<b>GID</b>	number	<b>204538</b>
<b>IDATE</b>	number	
<b>LOCID</b>	number	<b>3633</b>
<b>SCALEID</b>	number	<b>-1</b>
<b>SNL1ID</b>	number	<b>4</b>
<b>SNL2ID</b>	number	<b>89</b>
<b>SNL3ID</b>	number	
<b>LNAME</b>	text	<b>Cab. 11,Shelf 6,Cont. 10</b>
<b>LRECID</b>	number	<b>2902</b>
<b>LISTID</b>	number	<b>-1</b>
<b>LOTID</b>	number	<b>1</b>
<b>DATECOLUMN</b>	number	<b>20070630</b>

# IMS tables

## IMS\_LOCATION

loci	LOCID	LTYPE	NLLP	LNAME	LABBR	SNL3ID	SNL2ID	SNL1ID	CNTRYID	LRPLCE
3633	-3633	1500	0	Cab. 11,Shelf 6,Cont. 10		-89	-4	-1	171	0

## IMS\_LOT

LOTID	USERID	ETYPE	EID	LOCID	SCALEID	STATUS	COMMENTS	SOURCEID
1	-1	GERMPLSM	204538	-3633	-1	0	uploaded Sept 25 2007	0

## IMS\_TRANSACTION

TRN ID	USER ID	LOT ID	TRNDATE	TRNST AT	TRNQT Y	COMMENTS	CMTDATE	SOURCE TYPE	SOURCE ID	RECORD ID	PREVAMOUNT	PERSO NID
1	-1	1	20070925	1	6407	uploaded Sept 25 2007	20070630	LIST	-1	2902	6407	0



# INGER Storage Data in ICIS In-Track

**Inventory Tracker**  
Inventory Security Utility Help

List Selector

2007 DS \*\*\* Total Entries: 676 \*\*\*

Tag	OID	Entry Code	Sexes	Scals	Orig Name
412024	20070001		HLITE	RI 294	HR 5199-20-2-1-1-10MLYANU 0505GDMA
312270	20070002		HLITE	OLIVE 2	OLIVE 2
410060	20070003		HLITE	RI 305	MLYANU 1516R 1500-02-4-4-4-4
40267	20070004		FRTR	STEARIE 40	STEARIE 40
415059	20070005		IRTON	RI 307	JILUBVECVAR 1500-02-4-4-4-4
305241	20070006		IRTON	3140 MA 0U	3140 MA 0U
201680	20070007		IRTON	VR 0440 ACP 12	CHUSIG1070UR 305
403062	20070008		CHECH	RI 302	HR 0530R 300
403060	20070009		HLITE	RI 303	HR 0040R 305
310400	20070010		HLITE	HR 0025-B-40-2-3	JILUBVECVORCA

Inventory Filter

Location:

Inventory Unit:

Geoplant Scope

Exact OID

Database Neighborhood

Management Neighborhood

Barcode Data

LOAD:  PAGE:

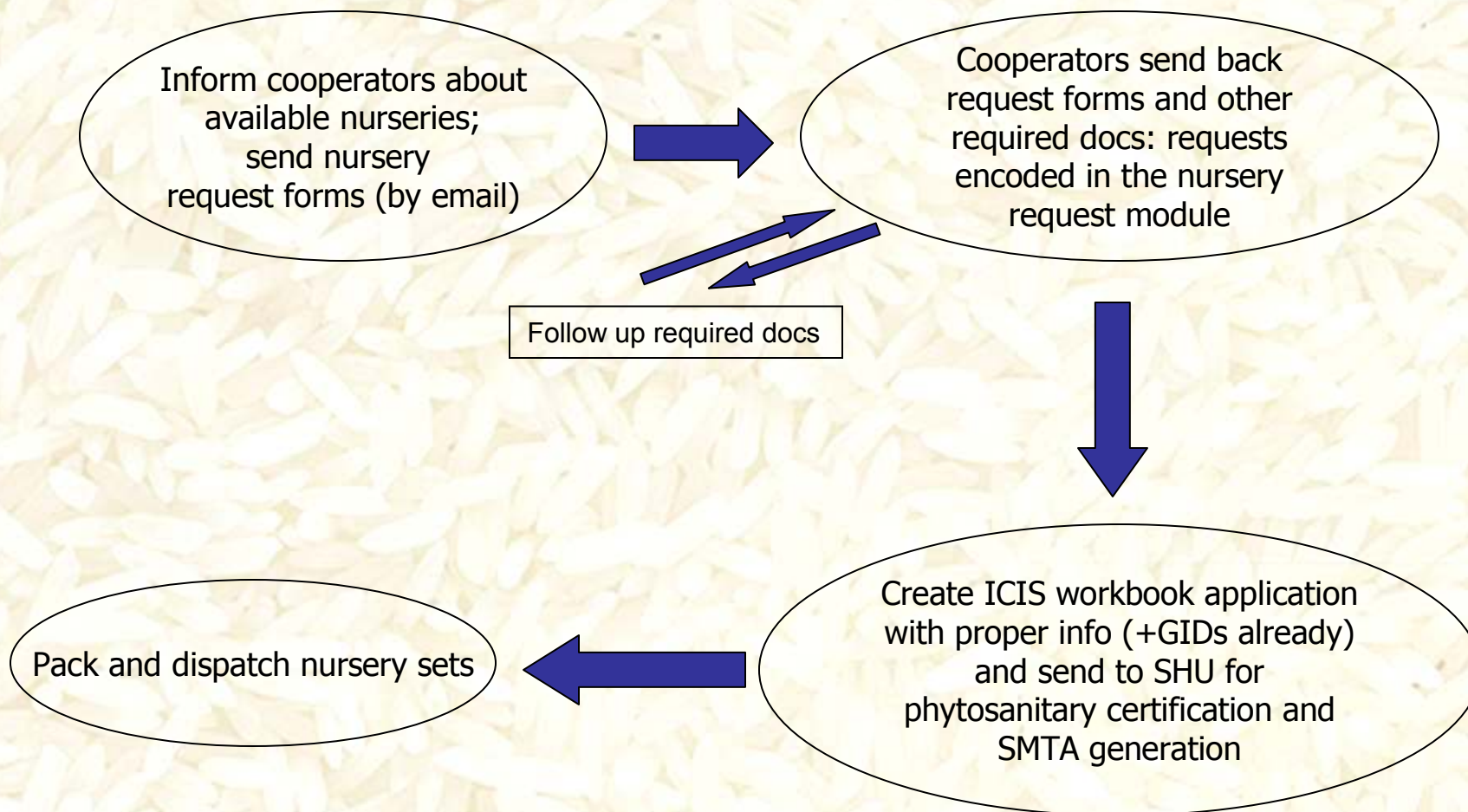
Inventory Detail \*\*\* Total Entries: 1701 \*\*\*

Tag	OID	Deag	LotID	Lot Location	Lot Unit	Avail Bal	Actual Bal	Revised	Rs. at Receipt
412024	RI 294	704		Cab. 03,Skaf 5,Cont. 0	grams	2901	2901	uploaded Sept 25 2007	0
412024	RI 294	070		Cab. 12,Skaf 5,Cont. 2	grams	410	410	uploaded Sept 25 2007	0
412024	RI 294	2026		Cab. 0,Skaf 5,Cont. 20	grams	1440	1440	uploaded Sept 25 2007	0
412024	RI 294	2026		Cab. 31,Skaf 5,Cont. 1	grams	105	105	uploaded Sept 25 2007	0
45357	STEARIE 40	244		Cab. 30,Skaf 7,Cont. 10	grams	1271	1271	uploaded Sept 25 2007	0
45357	STEARIE 40	075		Cab. 12,Skaf 2,Cont. 4	grams	1473	1473	uploaded Sept 25 2007	0
419992	RI 307	241		Cab. 20,Skaf 1,Cont. 4	grams	152	152	uploaded Sept 25 2007	0
419992	RI 307	076		Cab. 12,Skaf 2,Cont. 5	grams	202	202	uploaded Sept 25 2007	0
419992	RI 307	2047		Cab. 0,Skaf 5,Cont. 2	grams	999	999	uploaded Sept 25 2007	0
419992	RI 307	2040		Cab. 33,Skaf 1,Cont. 23	grams	407	407	uploaded Sept 25 2007	0
305241	3140 MA 0U	2410		Cab. 31,Skaf 6,Cont. 10	grams	1070	1070	uploaded Sept 25 2007	0
305241	3140 MA 0U	2411		Cab. 32,Skaf 4,Cont. 1	grams	2057	2057	uploaded Sept 25 2007	0
201680	VR 0440 ACP 12	240		Cab. 03,Skaf 8,Cont. 1	grams	070	070	uploaded Sept 25 2007	0
201680	VR 0440 ACP 12	074		Cab. 12,Skaf 2,Cont. 3	grams	501	501	uploaded Sept 25 2007	0
201680	VR 0440 ACP 12	2512		Cab. 34,Skaf 6,Cont. 24	grams	337	337	uploaded Sept 25 2007	0
403062	RI 302	2020		Cab. 31,Skaf 7,Cont. 10	grams	211	211	uploaded Sept 25 2007	0
403062	RI 302	2024		Cab. 31,Skaf 7,Cont. 15	grams	2303	2303	uploaded Sept 25 2007	0
310400	HR 0025-B-40-2-3	2010		Cab. 31,Skaf 7,Cont. 15	grams	407	407	uploaded Sept 25 2007	0
419992	RI 307	241		Cab. 20,Skaf 1,Cont. 4	grams	152	152	uploaded Sept 25 2007	0
419992	RI 307	076		Cab. 12,Skaf 2,Cont. 5	grams	202	202	uploaded Sept 25 2007	0
419992	RI 307	2047		Cab. 0,Skaf 5,Cont. 2	grams	999	999	uploaded Sept 25 2007	0
419992	RI 307	2040		Cab. 33,Skaf 1,Cont. 23	grams	407	407	uploaded Sept 25 2007	0
410021	MPPDMBARE	700		Cab. 01,Skaf 2,Cont. 0	grams	2301	2301	uploaded Sept 25 2007	0

4 |



# Workflow from Requests to Dispatch



# INGER Request Module

Checked for complete nursery entries, unchecked for seed requests with entries from the nursery composed

Header form for the transaction with Batch no. as ID, linked to the address & location table

Complete?	Nursery	Set	Cooperator	Site
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>

Nursery selection linked to the nursery table

Site location selection linked to the location table

Cooperator selection linked to the address table

Button for seed requests, linked to nursery entries table



# Nursery Data Entry Form

**Nursery Data Entry**

Code	Type	Abbr	Description	Start	Sets	Min Amt
011	Ecosystem	IIRYN-E	INTERNATIONAL IRRIGATED RICE YIELD NURSERY - EARLY	1972		40
012	Ecosystem	IIRYN-M	INTERNATIONAL IRRIGATED RICE YIELD NURSERY - MEDIUM	1972		40
013	Ecosystem	IRYN-L	INTERNATIONAL RICE YIELD NURSERY - LATE			40
014	Ecosystem	IURYN	INTERNATIONAL UPLAND RICE YIELD NURSERY			40
015	Ecosystem	IIRYN-VE	INTERNATIONAL RICE YIELD NURSERY - VERY EARLY			40
016	Ecosystem	IRRWSYN	INTERNATIONAL RICE RAINFED SHALLOW WATER YIELD NURSERY			40
017	Ecosystem	IURYN-E	INTERNATIONAL UPLAND RICE YIELD NURSERY - EARLY			40
018	Ecosystem	IURYN-M	INTERNATIONAL UPLAND RICE YIELD NURSERY - MEDIUM			40
019	Ecosystem	IDRYN	INTERNATIONAL DEEPWATER RICE YIELD NURSERY			40
020	Ecosystem	IIRON	INTERNATIONAL IRRIGATED RICE OBSERVATIONAL NURSERY	1974		40
022	Stress	IRDTN	INTERNATIONAL RICE DROUGHT TOLERANCE NURSERY			40
030	Stress	IRSSTN	INTERNATIONAL RICE SOIL STRESS TOLERANCE NURSERY	1980		40
031	Stress	IRCTN	INTERNATIONAL COLD TOLERANCE NURSERY	1978		40
032	Ecosystem	IURON	INTERNATIONAL UPLAND RICE OBSERVATIONAL NURSERY	1974		40
033	Ecosystem	IDRON	INTERNATIONAL DEEPWATER RICE OBSERVATIONAL NURSERY	1975		40



# Address Form Manager

The screenshot shows a software window titled "Address book Manager". At the top, there are two input fields: "Name" and "Record I.D.". Below these, a teal-colored header bar contains four sub-fields: "Title", "First", "Middle", and "Last". The main area is divided into two sections. On the left, under the heading "Information", there are several form fields: "Designation", "Category" (with a dropdown arrow), "Discipline" (with a dropdown arrow), "Organization", "Address" (with a multi-line text area), "Country" (with a dropdown arrow), "Zip Code", "E-Mail", "Fax", and "Telephone Number/Telex". On the right, there is a table with two columns: "Nursery" and "Year". The table has a scroll bar on the right side and contains several empty rows.

# Locations Data Entry Form

**INGER Location Data Entry**

Region: EAST ASIA  
 Country:   
 Location: 
 Restrict to region?

Code	Region
01	EAST ASIA
02	SOUTHEAST ASIA
03	SOUTH ASIA
04	W. ASIA/ N. AFRICA
05	SUB-SAHARA AFRICA
06	EUROPE
07	LATIN AMERICA
08	NORTH AMERICA
09	OCEANIA
99	UNKNOWN
10	C. ASIA/CAUSASUS

**INGER Location Data Entry**

Region: EAST ASIA  
 Country: AFGHANISTAN  
 Location: 
 Restrict to region?

Code	Region	Country	Treatment	Dispatch Allowance
AFG	04	AFGHANISTAN	NTBS-C-F	1
AFR	05	AFRICA	TBS-HWT-F	1
AGO	05	ANGOLA	NTBS-C-F	1
ARG	07	ARGENTINA	NTBS-C-F	1
AUS	09	AUSTRALIA	TBS-F	1
BGD	03	BANGLADESH	NTBS-HWT-C-F	1
BLZ	07	BELIZE	SPECIFY	1
BEN	05	BENIN	NTBS-C-F	1
BTN	03	BHUTAN	NTBS-C-F	1
BOL	07	BOLIVIA	NTBS-C-F	1

**INGER Location Data Entry**

Region: EAST ASIA  
 Country: CAMBODIA  
 Location: KAMPONG SPEU
  Restrict to region?

Code	Station
001	AGRIC'L RES. STN.
002	DAY ETH RESEAR
003	TUOL SAMRONG F
004	DEPT. OF AGRONK
005	CAMBODIAN RICE
006	INSTITUTE OF AGF
007	CHHBAR MORN
008	RESEARCH STATI
009	KOK TRAP RESEA
010	VEAL RINH BLACK
011	BARAY
012	TA SAANG DEVEL

**INGER**

Location: KAMPONG SPEU  
 Station: PREY PHDAU AGRIC'L RES. STN.  
 Latitude: Deg. Min. Dir. Longitude: Deg. Min. Dir. Altitude:

11	5	N	104	7	E	8
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**ICIS**

LOCID:   
 Location:   
 SNL1:   
 SNL2:   
 Latitude:  Altitude:  Longitude:



# INGER Dispatch Data Entry Form

Dispatch Year

Dispatch ID (auto)

Country Code

Consignee details linked in address table

Dispatch details in the request form

Package details encoded upon packing the seeds

Date logs encoded accordingly

Seed treatments given

Details of Nursery selection linked to request table

**Dispatch Nurseries Data Entry**

<b>Year</b>	2008	<b>Details</b>	
<b>Shipment No.</b>	1	Quantity	2
<b>Country</b>	IND	Seeds Weight	20
		Total Weight	30
		Container Type	Carton Box
		Shipment Mode	Air Freight
		Total Price	

<b>Consignee</b>		<b>Date Logs</b>	
<b>Record ID</b>	0880	HWT	
Name	The Director, NBPGR	Seed Dressing	
Organization	Indian Agric Research Inst.	Fumigation	23-OCT-2007
Address	Pusa Campus	Dispatch	
	New Delhi 110 012	Notice of Dispatch (Fax/E-mail)	
Country	INDIA	Nursery/Seed Receipt	
		Receipt of Acknowledgment Card	

<b>Dispatch Details</b>		<b>Seed Treatment</b>	
AWB		Other Treatment	
Flight No. / Tracking No.			
Port	NEW DELHI		
Import No.	447/2007		

<b>Shipment Info.</b>	
Shipping Instructions	Please send by first available direct flight to New Delhi and inform consignee of shipment (FAX No. ...)
Shipping Address	
Remarks	

**Distribution Details**



**Distribution Details**

ReqNo	Nursery	Set	Cooperator	Location
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Pick from nursery request

Distribution details subform

Pick Nursery button links to the request table/form

**Pick from nursery request**

Pick	Ship No	Nursery	Set	Cooperator	Location
<input checked="" type="checkbox"/>	2	023	IRBON	3 2389	Dr. Narayana Bhakta 178 GERUA, ASSAM-REGIONAL
<input checked="" type="checkbox"/>	2	023	IRBON	4 2527	Dr. M. P. Pandey 031 CUTTACK, ORISSA-CENT. F
<input checked="" type="checkbox"/>	2	023	IRBON	5 2528	Dr. Arjun Lal 010 PUSA CAMPUS, NEW DELH
<input checked="" type="checkbox"/>	2	023	IRBON	1 2411	Dr. L. V. Subba Rao 001 RAJENDRANAGAR, HYDER.
<input checked="" type="checkbox"/>	2	023	IRBON	2 2523	Dr. S. K. Bardhan Roy 050 CHINSURAH, W. BENGAL-F
<input type="checkbox"/>	70	021	IIRON-2	1 2413	Dr. T. S. Bharaj 036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	70	028	IRFAON	1 2413	Dr. T. S. Bharaj 036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	70	109	AERON	1 2413	Dr. T. S. Bharaj 036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	86	020	IIRON	1 2413	Dr. T. S. Bharaj 036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	86	064	IRHTN	1 2413	Dr. T. S. Bharaj 036 LUDHIANA, PUNJAB-AGRIC

Process

Tick the nurseries of request for this particular dispatch batch

**Distribution Details**

ReqNo	Nursery	Set	Cooperator	Location
2	IRBON	3	Dr. Narayana Bhakta	GERUA, ASSAM-REGIONAL I
2	IRBON	4	Dr. M. P. Pandey	CUTTACK, ORISSA-CENT. F
2	IRBON	5	Dr. Arjun Lal	PUSA CAMPUS, NEW DELH
2	IRBON	1	Dr. L. V. Subba Rao	RAJENDRANAGAR, HYDER.
2	IRBON	2	Dr. S. K. Bardhan Roy	CHINSURAH, W. BENGAL-F

Pick from nursery request

Distribution details subform

Nurseries selected for this dispatch batch



**Pick from nursery request**

Pick	Ship No	Nursery	Set	Cooperator	Location
<input checked="" type="checkbox"/>	2	023 IRBON	3	2389 Dr. Narayana Bhakta	178 GERUA, ASSAM-REGIONAL
<input checked="" type="checkbox"/>	2	023 IRBON	4	2527 Dr. M. P. Pandey	031 CUTTACK, ORISSA-CENT. F
<input checked="" type="checkbox"/>	2	023 IRBON	5	2528 Dr. Arjun Lal	010 PUSA CAMPUS, NEW DELH
<input checked="" type="checkbox"/>	2	023 IRBON	1	2411 Dr. L. V. Subba Rao	001 RAJENDRANAGAR, HYDER.
<input checked="" type="checkbox"/>	2	023 IRBON	2	2523 Dr. S. K. Bardhan Roy	050 CHINSURAH, W. BENGAL-F
<input type="checkbox"/>	70	021 IIRON-2	1	2413 Dr. T. S. Bharaj	036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	70	028 IRFAON	1	2413 Dr. T. S. Bharaj	036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	70	109 AERON	1	2413 Dr. T. S. Bharaj	036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	86	020 IIRON	1	2413 Dr. T. S. Bharaj	036 LUDHIANA, PUNJAB-AGRIC
<input type="checkbox"/>	86	064 IRHTN	1	2413 Dr. T. S. Bharaj	036 LUDHIANA, PUNJAB-AGRIC

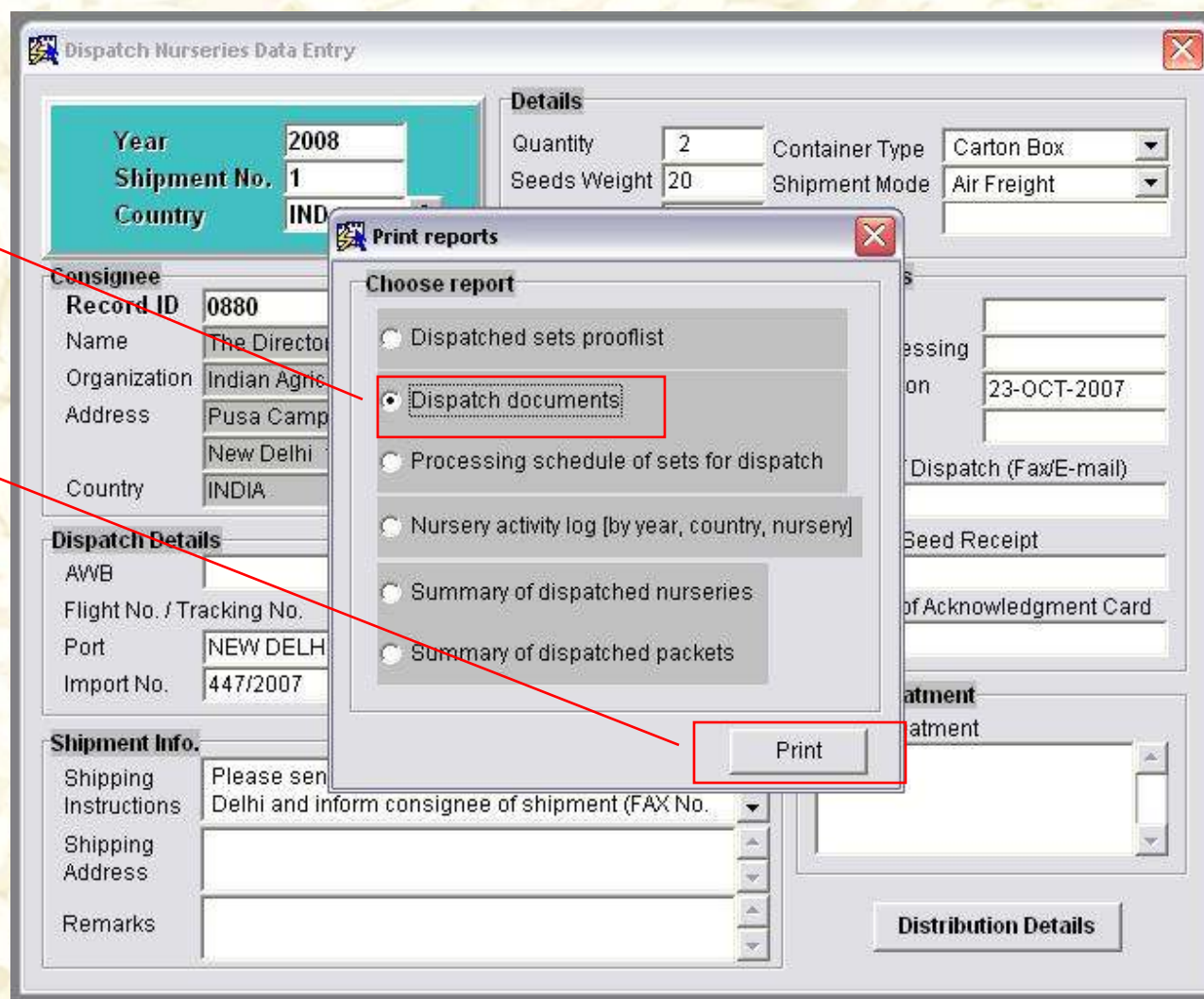
Process



# Print Dispatch Documents

Print the dispatch documents

Hit the print button



**Dispatch Nurseries Data Entry**

**Year** 2008  
**Shipment No.** 1  
**Country** IND

**Details**  
Quantity 2 Container Type Carton Box  
Seeds Weight 20 Shipment Mode Air Freight

**Consignee**  
**Record ID** 0880  
Name The Director  
Organization Indian Agric  
Address Pusa Camp  
New Delhi  
Country INDIA

**Dispatch Details**  
AWB  
Flight No. / Tracking No.  
Port NEW DELH  
Import No. 447/2007

**Shipment Info.**  
Shipping Instructions Please send to New Delhi and inform consignee of shipment (FAX No.  
Shipping Address  
Remarks

**Print reports**

**Choose report**

- Dispatched sets profflist
- Dispatch documents
- Processing schedule of sets for dispatch
- Nursery activity log [by year, country, nursery]
- Summary of dispatched nurseries
- Summary of dispatched packets

Print

**Distribution Details**



IRRI

Thank you!

