



N. P. D. S. S. S.

40TH FOUNDATION DAY

कृषि वैज्ञानिक चयन मंडल

Agricultural Scientists Recruitment Board

कृषि अनुसन्धान भवन - 1

Krishi Anusandhan Bhawan - 1

पूसा कैम्पस, नई दिल्ली - 110012

Pusa Campus, New Delhi - 110012

2013

(4)

ASRB

40th Foundation Day

1st November, 2013

Dr Gurcharan Singh, Chairman
ASRB

Dr S. Ayyappa, DC, ICAR

Dr H.P. Gupta, Director, IARI

Dr S.K. Bandyopadhyay, Member, ASER

Dr V.V. Sharda, Member

Dr Ayyappa - awarded the
Karnataka Foundation
~~Best~~ Award.

Dr Mahadevappa - Former
Chairman, ASRB

Foundation Day

- ① Forty years of service to
agricultural research, education
and extension education

Dr Gurbachan Singh

Foundation laid by Dr M. L. Sahane

Ph. D of IARI

ARS examinations held in
New York, London, Moscow

Confidence - defeat when

ASRB was founded

- ② 3 Pillars

① ARS

② ASRB

③ N'ARM, - Central Staff
College

(Life long specialisation)

(3) DRS - 3 Major Components

- Know Your Agriculture -
3 Months
- Know Your clients
(farms & farmer friends)
— 6 months
- Know Your Institutions -
3 Months

(4) 2013 - Year of the

Transition in our Agricultural
History

From Ship to Mouth to
Peg to Port

A Rights approach

Can be sustained only with the
help of agricultural scientists and
farmers

(5) Elemental Vigilance

Climate Change

Price Volatility

Filling Biosphere Gap

North East

Islands

Coast

(6) Innovations

(a) N.E. Codes of AES

(b) Int. Agricultural
Research Service Code

(c.g. Afghanistan)

Myanmar, Asia]

(c) Farmer-Scientists
- Data Base

(d) 5-year Assessment-
Report

ASRB - Given 4 acres
for a new Building

|| ASRB - Custodian of our
agricultural future

our ability to fulfill
the obligations of the
National Food Security Act.

New Building of ASRB

Green Building
Sustainable Developed

Confidence - deficit
in the recruitment process

Helping other developing countries
Special cadre.

Contents of a Strategic

Review which addresses

the full needs of C.O.S/

State Governments

Ch. Hegarh

Tarvit Nade

Kerala

9) ~~President of India~~

1) ~~Balendran, NDA~~

2) ~~Prof. K. V. Thomas~~

3) ~~Lakshmi Reddy - Copy of
Secretary's comments~~

4) ~~Dr. Pillayan - Rice Report~~

Enclosures

~~Laxmi Kant - Society
J M Krishna - RIAF~~

~~KV
Prof. Thomas~~

~~Sewabans in Ranch~~

~~Ashish Tyagi Pappu
Jeevan Netha~~

~~Indira Gandhi Award Committee~~

~~Suman Dubey~~

~~① Thiruvannamalai Temple
arrangement - Krishna~~

~~② Dr Gupta - Visit to Delhi.
for Indira Gandhi
Prize For Peace work~~

~~③ Suman Sahai~~

① Letter to Prof. Thomas

Agenda

1. Introduction to the consultation
- Prof. M.S. Swaminathan
2. Enhanced Engagement with
the Government of India
- Ms. Eatharin Gurba,
Executive Director,
WFP, Rome
3. Chairman's Address - Mahid
Ford Security to Prof. K.V. Thomas

4. Discussion

Theme 1: Enhanced
Engagement in the context of
the National Food Security Act

Theme 2: Convergence and
Synergy among programmes
having a bearing on Food of
national security

Food
Security
Floor.
→

Theme 3 Improve the
efficiency of the Public Distribution
System — learning from
successful examples

Theme 4: Role WFP can
play in making the
world's largest food
distribution programme
against hunger a success

5. Closing Remarks

Ms Pritam Coulter

Prof K.V. Thomas

6. Vote of Thanks:

Food Security

Convergence & Synergy

- ICDS
- Atm Aal Programme
- Rural Health Mission
- Total Sanitation Programme
- Rajiv Gandhi Drought Water Mission
 - Piped Water Villages
 - Water - Forus

Theme 4 Convergence & Synergy at
the Grassroot level
Role of elected local
bodies

~~Letter to Prof K. V. Thomas~~

~~Shri Jivan Ramesh.~~

~~Smt Kuntla Thirath~~

~~Dr Sojebha Baniad,~~

pc.

Beneby, Fird.

~~Update on brief CV.~~

Mohini
Indira
Gandhi

~~Dr AK Singh - examples of~~

Functional Genomics in

Rice

~~Dr Marie Hoga~~

~~Beeta Nabha~~

~~Dr Bansal, NB p a a -~~

~~Dr Marie Hoga~~

Ashu

① Sabari - Madras

India's Ant. Soc. AS TU

150 years ago (~~22nd April~~, 1863)

President Abraham Lincoln signed
the Morrill Act creating a system
of Land Grant Colleges. The
first of such institutions in India
is the A. B. Pant University

India - Afghan Partnership

Tarnak Farm in Kandahar
Aerobic Garden

② International Agricultural Research Centre of ARS

③ Philippines Ambassador in India

Powerful Typhos - Haiyan

1000 people died

CC. Carmen shells

✓ Quarterly Report - 1992

Afghan National Agricultural

Sciences and Technology University
(ANASTU)

Kandahar

—
Science (Education)

25 March, 2013 Vol 34

Marcus McNaught - Editor

—————
checked

On-line education does not
substitute for hands on training
in the laboratory and experimental
field. Hence, Faculty developed
has to go on simultaneously
with on-line education. For
this purpose, the Government of
Afghanistan should have agreed
to establish . . .

Science Vol 342

18 October, 2013

Page 303

Sarah Zielinski

ZIELINSKI

Botanists spread the gospel
that breadfruit can be
a Manx

The Breadfruit Diet Club
has found that the perennial
brees produce more food
on dry weights per hectare than
corn, rice or wheat

The fruit is rich in vitamins,
protein, and Vitamin A precursors.
Certain varieties ground into
flour, past were proven
than rice

The Breakfast Institute in
2012 and 2013 distributed

9877 Saphires throughout
Hawaii.

13

13 November, 2013

Indira Gandhi Award
for Peace, Disarmament and

Development

2013 - Ms Angela Merkel

New Date 13 November,
2013

→ IART

Dr H S. Gupta
for Dr R. Singh

Pusa Basmati 1509

1509 is more profut than ~~1509~~

P.B 1121

Banker; ideal for

Rice - White Rot

Atijal

Dr. Gopalakrishna

Dr. Ven Chandan Mitra ~~151~~

09868 44 9554

II NB PAR

Dr K. C. Bansal, Director

Phone. 09999 105 667

Visit of Dr Marie Hoge

on Wednesday, 20th November

Afternoon. Seminar

Dr Prem Mathur, Regional

Director, Bombay

Laboratory.

Dr Handihal, Chair,

P.P.V.F.R.A.

Wildlife Conservation

Wildlife Conservation

①

Dr H.S. Gupta / Dr Prabh

Whed Thanks +
 aprehabhsh

HJ 2967 = 8 illu to

Punjab 550 = drug well

HJ 3 8 8 6 =

aprehabhsh

Release on 13/11/2021

Rece

→ Pusa Basmati 1121

Pusa Basmati MSU9 - early

Mustard

NRC -

Agricultural Physics

Food Science & Post-harvest

Technology,

Vegetable Breeds

Protected Agri-cultures

② Dr AK Singh

Thanks

Thanked for the Panchayat

Genomics Talk

③ Dr K C Bansal, NBPCAT

Dr Marie Higo's visit

④ Suman Dubey - Refund

Jairam

① Aranya - Prof. Samir

Pranay Roy

Aranya's postal address

③ Dr AK Singh - Phytogenetics

Olga Basral 1125 h

1509

NBPAR

Nov. 20, 2013

| | |
|----------------|-----------|
| Ms Marie Idaga | Global |
| Michael Koch | Crop |
| Luzge Guarino | Diversity |
| | Trust |

Cary Fowler - First Executive
Director

1991-94 - Served in
New Delhi: Norwegian
Embassy.

Dr Surapan Datta

K C Bansal

PAR Management in India

162 breeds of domestic
animals

NBPAR - established

in 1976

D. Manay Mandal

DA (Life Sciences) DRO

Dr. Atanu Prakash Das,
IS (Seeds) Dept of Agriculture

2.6.2006 collector of
2000 species

Chay. la 5000 acres

- 18°C. permafrost

18000 feet above

sea level

Characteristics of 2.2000

wheat variety

Pinchind Conservation

Centre

The Perovius Platform

Wednesday, November 20, 2013

Hotel The Grand

Vasant Kunj

New Delhi

11th International Symposium on
Rice Functional Genomes

Prof. Akhilesh K Tyagi

Prof. Jitendra P. Khurana

Prof. Jifa Zhang.

Prof. Dinesh Singh, V.C., Delhi University

Dr S Ayappa

Dr Manju Sharma

Theme: Sustaining Food
and Nutritional Security

Prof Akhilesh Tyagi

National Institute of Plant
Genomes Research -

First IGRP was held in
Shanghai in 2003

2012 conference was held
in Thailand

Prof Zhang : China organised the
first symposium

Prof Dinesh Singh - Demographer
divided in

Dr S. Ayappa

the field of
functional Genomes

Dr Manju Sharma

ASS Conservation 2012 - 2013
Cary Fowler

1) In situ on farm Footprints

Conservation

In situ conservation Strategy
Before Savinon Award

Breed Savinon Award
Saved breeds - Heritage Sites

2) Breeders' Rights and

Farmers' Rights

Harmony

UP & V
convention

Int. Union for the Conservation of Breeds &

3) Broodstock and Farmers' Rights

MTA (Mated

Transfer Agreement)

4) Genes for a Warming Planet

5) Individual Year A
Underwritten copy

(various crops
dyed woods)

paper copy

2013 Year 4 Award

Dr Manas Mandal

DA, DRDO

(Life Sciences)

Charg. La Perma frost

Gene Bank in Ladakh

Temperature goes up during
6 months in a year

lot more work needs to
be done like soil testing.

Temperature behavior.

Major problems with

to identify itself.

Svalbard cannot be easily

replicated

D. P. V. Nathan, Secretary
International

Michael Ruck: Global
Responsibility

Luigi Cremonesi

Role of Global Crop Diversity
Trust

NBPAA should play
a greater global role

Conservation of Gene Banks

Marie Haga - 1991-94 New Delhi

at the Norwegian Embassy

India has made great
progress.

Global Crop Diversity Trust

Call it a crop Trust

Major role: Security of germylan

Major food crops - ex situ

Conservation

In situ & ex-situ are
both impacted by
crop trust concerns
on ex-situ conservation

Mandak, Rice crops
Ex situ

Agriculture is facing
great challenges.

~~1~~ 1 more billion people
in the world

have to be fed
in the midst of climate
change.

Norway: Top priority
in Human Development
& Gender Equality

Crop diversity is the
foundation for food
and nutrition security.

Patricia architecture
for a global system for
Conservation of crop diversity

Int. Treaty for PAQ
Funding Strategy

Inter-dependent
world - Martin Luther
King - breakfast

Global System

Swatland - Arctic crisis.

800,000 samples
have been sent to Swatland
for safe keeping

Svalbard is a important
in the Global System of
Conservation.

Kept in trust

Cost of Svalbard.

3 to 4 million \$/year

Global Conference in

2015 - India should

participate

21 November, 2013

One World Foundation, India

Dr Jagadamba Sanki, Uttarakhand

Dr Rajiv Tikoo

Dr Ashut Kumar, Deputy Editor

Partnership for Rural Prosperity

Small Farmers or big
stateholders?

I Partnerships to be sustainable
should be based on

(a) a win-win model

(b) Production by masses supported
by mass production technologies
of Milk & Dairy Industry

Decentralised production supported
by centralised services

Dr Praveed Singh, Director,

Image Makers

Marketing Management - Monsoon.

Prof Panchprakash Pant

Plight of small farmer

L.P. Senwal, Chau, Shi

Jagadamba Samiti

Apple Project, Apple

farmer owned joint venture

Companies

Farmer Groups

Farmer Trusts

Farmer as owners

Partnerships : Guidebook

- (1) Win - Win for all partners.
- (2) Production by Masses
+ Mass production technologies
— integration.
- (3) Technology - Training - Trade
- (4) Generate specific needs
women: access to land,
credit etc.
- (5) Economy + promotion
of scale to small
producers.

Setting up Partner Trusts

Partners & Post harvest
technologies

(5) Engender the programme

Pro-women

Gender - Copy of ^{lib}
GWS

Antoni Adams

December - Contact

Ms Lise Grande, UNDP
Resident Coordinator

Lise Grande was born in
UK, but lives in Texas
(Texas A&M; Boulang
Institute)

Critical role of women

-
- 1) Women as central focus
 - 2) Albaniats →
Buying land in Africa
 - 3) How can we help the
farmers.
 - 4) Small farmer → F
 - 5) Provision of loans properly
— Gran Salka
 - 6) Small farmer →
Nashly

WFP - GOC Enhanced
Partnership

21 November, 2013

1. Prof R. V. Thomas
2. Entikarin Cousin, ED, WFP
3. Mr Edward Kallon, County
Director, WFP
4. Ms Lisa Gravelle, UNDP Resident
Representative
5. Sh Pantay Agarwal, Security
Emerges Affairs
6. Sh Vijay Kumar
Security, Rural Development
7. Ms Nita Choudhury,
Security, Women & Child Development
8. Shi Sudhir Kumar,
Security & Food
9. Mr Sanjeev Chakravarty, JS.

Prof. R. V. Thomas

Gate 7, Krishi Bhawan

Rom No. 1800

Enthain Cousin, WFP.

Enlarged Engagement

with GOI in the context

of the Food Security Act

PDS. Implementation of
the provisions of the Food
Security Act.

South-South Collaboration

Gaining from Indian
experience.

Prof R. V. Thomas

Food Security

Access at the household level.

Suppression of food
at the national level

Food at affordable prices.

Targeted PDS -

Rights based approach

From Welfare to Right

Pregnant women and
children.

Over 70% of population
will be covered.

1, 13, 000 crore - Subsidy

Nalankhwa

1000 days of child
development

Pregnant women
will be provided with
nutritious food.

Rs 1,000/month for
6 months for lactating
mothers.

6) million tonnes of
grains - will be needed
for implementing the
Commitment.

Head of the Family:
eldest woman. -

Institutional structures
for implementation

State level participation
is essential.

States are ready

Sho Ranjan,

Ministry of Women
& Child Development

Life cycle approach

Multi-sectoral approach

Sambhata, Drunkly
Water.

Now-planning

WFA help may be
useful.

Hidden Hunger

Now-nutrient
deficiencies

Per-Police acid
Support

Vitamin A - Universal
Vitamin A Supplement

Nutrition is widespread
Nutrition Rehabilitation

Program

Providing water through
pipes is the focus

Monitoring water quality
— Safe drinking water.

85% of ground water
is used for drinking water
purposes

Toilets cover 35%
of population

Drinking Water — Water
Sanitation — security
Toilet Pilot Project

Mr. S. M. Muzayana
Additional Secretary
Ministry of Rural
Development

① MANRBA - 56
to other people
Purchasing power.

② Poor family - every
family being organized
Participatory identification
Every family will
be segregated into SHGs
8 to 10 other SHGs
of women.

located in Dandha
Nutrition Day care
center

Revolving fund for each
S HA.

Community Managed
Sustainable Agriculture -
Managed by SHAs.
Community Resource persons.

Sangeer Chopra

Farmers' SHAs
Agriculture is a

State Subject

MSD is important

National Mission for
Sustainable Agriculture

National Horticulture

Mission

ICAR - Farming System approach.

Sh. Sudhir Kumar

Secretary, FPO

Many new schemes.

Calorie deprivation
Protein hunger
Hidden hunger

Appetability has been
increased

Supply chain
management.

Nutritional Security

is important

ICDS will be
involved.

WFP - Capacity
Buldy

Hot holiday

Enkharin Cousin

Target groups -

Women & children

Identify opportunities

"I am humbled"

Prof Thomas

25-30% leakage

in PDS.

Welfare to Right

Awareness is growing

Fruits & Vegetables

should be consumed

WFP Americas &

Empowerment & Parity

Women SHG

Rico Profund

Santa - Tires 9 Duda

Padreina + cycle

friendly talk

Graciele Sant clipo hat

IDRC/C120

28 March, 2014

Call 5 Proposal

Enhance the nutritional
profile of the population by
achieving a bouquet of services
like nutrition education

Fortified food supplements

Diversified Nutrition
Gardens

Locally available

Agro-forestry.

Improved sanitation

Water

Delivered as one

Community Hanger Project

Food & Non-food Products

Management
Measurement

LAWSA Pattern of
Project organization

Project Mode

University of Alberta

Accountability &
Authority

LAWSA Model

Management - Project
Measurement

Measurement

California Drought

Trade-in of crops

Call 5 Proposal

Objective

Scale up successful and effective WGI reaches

Dr Jagannath

Four objectives

(a) Improve nutrition, alleviate poverty & conserve the diversity of neglected crops.

(b) Apply ICT tools.

(c) Training & Networking

(d) Scaling up,
Gender equity

Banerjee

Gender Equity

Democrat outputs

Dr. A. Nambh

Use Research Results
to influence policy

Value for money - 20%

Policy : Bring stakeholders
perspective in policy
formulation

Policy : Inclusion in PDS
MSP

Food Processing Policy

Variety of products

Community Hunger Relief

Agro - biodiversity crop

Climate Resilient Diets

Soil Pulses

Pulses Panchajanya

Biophysical Cycles / processes
in the Garden

Management Structure

Management →

Monitoring →

Measurement →

Inland Fisheries → Seabirds
up

Touchstone

Value chain →

Problems,

Land — Landless

↳
to be resolved
under his listening

Atky

Landed - Landley

250 0000 00

Atky

Land

lived

Fish

Atky

000000 0

workers

Educators

Canals also 7 enthalment

Landley

Gate 7
180

Prof. R V. Thomas

23070 884 (R)

23070 885 (R)

Indira Inf. Centre

(11) 2461 9431

Sunita Narain

98100 64 207

2686 3380 (R)

Chander Mohan (Dumy) - IRAS

98 6844 9554

Dr A K Singh

98 990 450 37

MI Khan 986 850 6668

