

International Symposium on
“System Intensification towards Food & Environmental Security”
Organized by
Crop and Weed Science Society (CWSS),
Bidhan Chandra Krishi Viswavidyalaya (BCKV)
In Collaboration with
NABARD, KOLKATA
AT Farmers’ Training Centre (FTC- Lake Hall), Kalyani,
Nadia, West Bengal, India
On February 24- 27, 2011

Background: With growing human populations and ever-more limited areas of land suitable for lateral expansion of agriculture, higher production of biomass per unit area is essential for future security of food and other agricultural products in the world. The global population is estimated to reach around 11 billion and in India it is estimated to reach 1.2 billion during 2011. The demand of food grain in India is expected to be 253 mt from the current production of 219.2 mt (2009-10). Thus by just less than two years we have to enhance around 34 mt and this is an arduous task. The similar picture is in global level also. The use of untreated seeds and some invasive seeds, imbalanced nutrient use with less attention to manures and biofertilizers, rapidly decreasing water resources coupled with inefficient weed and other pests management supplies are becoming less reliable and the environment increasingly polluting. Plant growth, surface and groundwater availability are being adversely affected, situations which climate changes are likely to worsen. The diversification of crops are limiting because of higher thinking power of farmers as well as lesser awareness to many agriculturists. In the major parts of tropics and subtropics, the agricultural productivities of soils, of water, of nutrients, and hence of the rural livelihoods, are not being sustained. The major driver of economic growth and food security, agriculture, needs to have a turn around.

Over the last one or two decades, hardly a paper is written on agriculture which did not incorporate the word "sustainable" and the movement and findings lead to the concept of Conservation Agriculture (CA). The planners and policy makers are optimistic that, with continued application and investment, there will be major developments in the next ten years or so, as biotechnology and other new tools are effectively utilized. The rapid urbanization and market expansion with an increased demand for crop and livestock products is encouraging a shift from subsistence farming to market-oriented production, and opening opportunities for income improvement for the rural poor. Sixty Percent (60 %) of the Nations population are depending on agriculture and because rich biodiversity huge scope is in India to improve the situation but because of lesser attention on agriculture, even the mass media also, the agricultural development is aging with a tortoise footstep.

To achieve this accelerated rainbow development, new paradigms are required like System of Intensification (BMP- Best Management Practice) which would effectively address whole systems with improve soil plant and farmers’

thinking; more effectively combine new methodologies and traditional knowledge; and more effectively integrate farmers and communities into research, development, and extension. Such a combination would consist of the best variety for a given environment, incorporated into an improved soil and grown using appropriate crop management, and both the technology and the desired outcomes would be appropriate to the farming people through the sustainable agriculture practices.

In spite of the generally poor performance of the agricultural systems especially in the tropics and developing countries due to low inputs, poor management, little diversity and in spite of tremendous threats caused by natural resources degradation, climate change, conflicts, urbanization and globalization, ill effects of chemical agriculture, there are opportunities, which could be achieved through intensification (lowering the yield gap), diversification, and expanding markets for agricultural products, and through measures that add value and secure a healthy environment along the value chain continuum. Diversified systems producing high-value products could lead also to a leap in income improvement. There is also more demand for high quality and nutritious products that can reduce risks to human health, and can lead to improved diets from crop and animal food sources for children and rural women. System intensified agriculture production can help combat poverty, improve upon gender relations, support sustainable use of natural resources towards cleaner environment, and provide an economic cushion in bad years or unpredicted events due to climate change.

With this backdrop the Crop and Weed Society (CWSS), BCKV invites relevant contributions from the agriculture scientists, scholars, technologists, the industry and policy planners in its call for the International Seminar on “***System Intensification towards Food & Environmental Security***”

Contributions are invited for both oral and poster presentations on the following themes related to System intensification in Agriculture; Horticulture, Ag. Engineering, Mix Farming systems, ITK and Supporting Policies

- 1) Biodiversity; Invasive plants; Seed production systems, GM / Biotech planting materials; Evaluation of cultivars better adapted to climate changes
- 2) Sustainable use of the natural resources for nutrients, Organic farming, Integrated nutrient management; Biofertilizers
- 3) Strategies of Water resources in system intensification
- 4) Invasive pests (Weed/Insect/Pathogens/other pests) threat and their environment safe management
- 5) Methodologies for producing high quality, hygienic and safe products
- 6) ITK and farmers innovative methodologies in System Intensification
- 7) Options for income generation through Diversification of Crops/ Value addition
- 8) Socio-economic, policy and market implications, including Institutional/Corporate NGOs arrangements for livelihood security

Registration Fee (Rupees only)

Delegate	Within January 31, 2011	On Desk payment February 23, 2011
Member, CWSS	1500	2000
Non Member, CWSS	2000	2500
Foreign Delegates	6000	8000
Research Scholars/Students	1000	1500
Accompanying Person (Foreign)	3000	3000
Accompanying Person (India)	1000	1000

- The Registration fee includes Lunch and Dinner and Local Transport only during the Symposium period
 - For Payment in DD: Demand Draft (DD) is to be drawn in favour of Crop and Weed Science Society, BCKV payable at State Bank of India (SBI), Kalyani, Nadia, West Bengal, India (Code no. SBIN0001082)
 - For Cash payment: Only Rupees (Indian currency) is acceptable.
- Note: One US \$ = Approx. Rs. 50= 00 only and One Euro = Approx. Rs. 65=00 only**

REGISTRATION FORM

**International Symposium on
“System Intensification towards Food & Environmental Security”**

**Organized by
Crop and Weed Science Society (CWSS),
Bidhan Chandra Krishi Viswavidyalaya (BCKV)
In Collaboration with
NABARD**

**AT Farmers’ Training Centre (FTC- Lake Hall), Kalyani,
Nadia, West Bengal. India
On February 24- 27, 2011**

1. Name:
2. Designation :
3. Organization :
-
-
-

4. Corresponding Address:

.....
.....
.....
.....

Tel. (O) :

Tel. (R) :

E-mail :

5. Accompanying spouse/guests: No. and relation with the Delegate

.....

6. Demand Draft No :

.....

Amount in Rupees only (Indian Currency) :

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Payable at : SBI, Kalyani, Nadia, West Bengal, India (Code no. 1082) /

.....

7. I wish to attend the symposium and to present a paper in Theme :

(Please indicate the Theme number in box)

8. Title of the Paper :

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10. I am interested in post-symposium tour Yes No

11. Preferred accommodation (Pl. tick)

FTC

Hotel

Not required

Date:

Signature:

PAPER SENDING INSTRUCTION

Extended Summary: (Preferably MS word 2007)

- ➡ **Title** – Arial Black font size 14, Centrallty placed, Single space
- ➡ **Authors name(s)** - Times New Roman, Upper case, font size 12, Bold, Centrally placed; Single space with underlining the presenting Author
- ➡ **Address** – Times New Roman, font size 10, Centrally placed, Single space and mentioning the Presenting author email address

Ⓢ Leave double space between Title and Authors Name ; single space between Authors Name and Address; Double space between Address & Summary (Text)

- ➡ **Text** - Not exceeding two (2) A₄ Size Paper (Maximum 600 words) with Margins L: 1.25”, R: 0.8”, T: 0.6” & B : 0.8” – Times New Roman, font size 12, single space;. Text includes Paragraphs of Introduction- Materials and Methods – Results and Discussion - Recommendation and 1-2 table / graph ; Double space between paragraphs

- ➡ **For Invited Article Maximum Six (6) A₄ Size Papers (Maximum 2000 words) – Others remain same as above**

- ➡ **For Oral Presentation Time 20 minutes and 5 minutes for discussion**

- ➡ **Last date of receiving the SUMMARY ARTICLE - 31st January, 2011**

For sending article Kindly send soft copy in Email ID – rajbckv@rediffmail.com / pksahubckv@ rediffmail. com and hard copy by post

- ➡ **About Location:** The Kalyani is situated at 22° 57' N latitude and 88°20' E longitude with an altitude of 9.75 m above mean sea level. It is 50 km from the Netaji Subhas Chandra Bose Airport, Kolkata and also From Howrah / Sealdah Railway Station, Kolkata. From Bandel Railway Station it is only 20 km while from Kalyani Railway Station only 3 km.

- ➡ **Local Transport is available to the venue for registered Delegates (Before February 1, 2011) and for Invited Speakers.**

- ➡ Many important sites seen are available at Kolkata and nearby Kalyani. The Victoria Memorial, Science City, Energy Park, Nicco Park, Monument, Eden Gardens, Birla Planetarium, Alipur Zoo, Mayapur Temple, Howrah Bridge and Hanging Second Hooghly Bridge, Dakhshineswar Temple, Belur Math, Kalighat Temple, Nakhoda Masjid, Dharmatala Masjid, Bandel Church, Hangsheswary Temple etc.

- ➡ Temperature is moderate Maximum 30° Celsius and Minimum 15° Celsius. Climate is comfortable neither cool nor hot.

Tentative Programme Schedule

**Registration : 23rd February at FTC, BCKV from 4.00 p.m. – 6.00 p.m.
24th February at FTC, BCKV from 8.30 a.m. – 10.00 a.m**

24th Feb, 2011

10.00 a.m – 11.30 a.m – Inauguration
11- 30 a.m – 11.45 a.m – High Tea
11. 45 a.m. – 12.30 p.m - Key Note Address by Prof. Norman Uphoff, USA
12.30 p.m. – 2.00 p.m – NABARD Programme
2.00 p.m. – 3.00 p.m - Lunch
3.00 p.m – 5.00 p.m. – Corporate and NGOs presentation
5.00 p.m. – 5.30 p.m. – NIWS, BCKV Centre Closing Ceremony
6.00 p.m. - 7.30 p. m. – Cultural Programme
7.30 p.m. – 9.30 p. m.- Galla Dinner

25th Feb, 2011

**9.30. a.m. – 11. 00 a.m – Technical Session 1 (Conference Hall 1)
Technical Session 2 (Conference Hall 2)**
11.00 a.m. – 11. 30 a.m. – Poster Session - TS 1 & 2
**11.30 a.m. – 1.00 p.m - Technical Session 3 (Conference Hall 1)
Technical Session 4 (Conference Hall 2)**
1.00 p.m. – 1.30 p.m. – Poster Session - TS 3 & 4
1.30 p.m. – 2.30 p.m. - Lunch
**2.30 p.m. – 4.00 p.m - Technical Session 5 (Conference Hall 1)
Technical Session 6 (Conference Hall 2)**
4.00 p.m. – 4.30 p.m. - Poster Session - TS 5 & 6
4.30 p.m. – 5.00 p.m. – Interface with Scientists and Farmers
6.30 p.m. – 9.00 p.m – Cultural programme of the Delegates and Dinner

26th Feb, 2011

9.30. a.m. – 11. 00 a.m – Technical Session 7 (Conference Hall 1)
11.00 a.m. – 11. 30 a.m. – Poster Session - TS 7
11.30 a.m. – 1.00 p.m - Technical Session 8 (Conference Hall 1)
1.00 p.m. – 1.30 p.m. – Poster Session - TS 8
1.30 p.m. – 2.30 p.m. - Lunch
2.30 p.m. – 3.30 p.m - State *Parthenium* Awareness Programme
4.00 p.m. – 5.30 p.m. - Valedictory Programme
7.00p.m - 9.00 p.m. - Dinner

27th Feb, 2011

Post Symposium Tour (On Payment) / Visit to Experimental field

CONTACT DETAILS

Symposium Information

Prof. Anjan Bhattacharya

**President, Organizing Committee and
President, CWSS**

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Technical matter

Dr Pradip Kumar Sahu

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**And Secretary, Faculty Council,
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Dr. K. Roy

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ACCOMMODATION DETAILS

Contact: **Dr. K. Barui** (kironmaybckv@gmail.com)

Accommodation	Site	Type of room	No. of Rooms	No. of seats	Fare (Rupees /day) Only Room Charge
FTC Guest House		AC	5	Double Bed	Booked
		Non-AC	20	Double Bed	400
Hotel Dreamland Tel. No. 9133258585		AC	7	Double Bed	900
		Non- AC	9	Single Bed	400
Hotel Aquatica Tel. No. 919830830770		AC	10	Double Bed	1650
		AC	5	Single Bed	1300
		AC	2	Delux	1850
Hotel Anurag Tel. No. 913365163060		AC	3	Double Bed	600
		Non- AC	6	Double Bed	350
		Non- AC	2	Triple Bed	450
Hotel Royal		AC	4	Double Bed	1800
		AC	5	Single Bed	1200
Kalyani Guest House Tel. No. 919830566126 / 913332919363		AC	6	Double Bed	700
		Non-AC	2	Double Bed	400
Hotel VIP Tel. No. 919831012665/ 919903780213		AC	3	Double Bed	800
		Non-AC	2	Double Bed	500
		Non-AC	1	Single Bed	250
SIPRD		AC	18	Double Bed	400
		AC	2	Seven Bed	400
		Non-AC	4	Single Bed	100
		Non-AC	2	Special	200
Irie Guest House Tel. No. 919830009302		AC	2	Three Bed	800
		AC	5	Double Bed	700
		AC		Super Delux	800
		AC	1	Six Bed	1500
		Non-AC	5	Double Bed	350
Hotel Golden Palace 913325022881		AC	12	Double Bed	850
Municipality Guest House		AC	2	Double Bed	350

Note: One US \$ = Approx. Rs. 50= 00 only and One Euro = Approx. Rs. 65=00 only

Number of Delegates:

Accommodation needed: / --

TRAVEL DETAILS

1. Name of the delegates with Number:

2. Address:

3. Arrival date and time: By

AIR

TRAIN

4. Date and Time and name of the Airport / Railway Station:

Date:

Flight No. / Train name :

Name of the Airport / Name of the Railway Station

5. Departure Date and Time:

Date:

Flight No. / Train name :

Name of the Airport / Railway Station:

6. Transport needed: Yes

No

7. Interested for Post Symposium Tour:

YES

/

NO