

**INTERNATIONAL SYMPOSIUM ON**  
***"System Intensification towards Food & Environmental Security"***

**Organized by**

**Crop and Weed Science Society (CWSS),  
Bidhan Chandra Krishi Viswavidyalaya (BCKV).**

**Mohanpur-741252, West Bengal, India**

**In Collaboration with**

**NABARD, KOLKATA**

**AT Farmers' Training Centre (FTC- Lake Hall), Kalyani,**

**BCKV, Nadia, West Bengal, India**

**On February 24- 27, 2011**

***Website: <http://cwssbckv.org>***

**Background:** With growing human populations and ever decreasing 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

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) A<sub>4</sub> 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) A<sub>4</sub> 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 - 31<sup>st</sup> January, 2011**
- **Kindly send soft copy in Email ID – [rajbckv@rediffmail.com](mailto:rajbckv@rediffmail.com) [orpksahubckv@rediffmail.com](mailto:orpksahubckv@rediffmail.com) or [editorcwss@rediffmail.com](mailto:editorcwss@rediffmail.com) and hard copy by post. Interested authors may send full paper for publishing in the NAAS accepted (with rating 3.2) Journal of Crop and Weed, ISSN 09746315 along with Extended Summary**

## 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**
- Location:** The Kalyani is situated at 22<sup>o</sup> 57' N latitude and 88<sup>o</sup>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 ( registered before 1<sup>st</sup> February, 2011) and for Invited Speakers only.**
  - 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, Dakshineswar Temple, Belur Math, Kalighat Temple, Nakhoda Masjid, Dharmatala Tipu Sultan Masjid, Bandel Church, Hangsheswary Temple , Park Circus Masjid etc.
  - Temperature is moderate Maximum 30<sup>o</sup> Celsius and Minimum 15<sup>o</sup> Celsius. Climate is comfortable neither cool nor hot.

**REGISTRATION FORM**

**International Symposium on**  
***"System Intensification towards Food & Environmental Security"***

**Organized by**  
**Crop and Weed Science Society (CWSS),**  
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**Mohanpur-741252, West Bengal, India**

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**NABARD, KOLKATA**  
**AT Farmers' Training Centre (FTC- Lake Hall), Kalyani, BCKV**  
**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) :

.....

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 :

.....

.....

10. I am interested in post-symposium tour

Yes

No

11. Preferred accommodation (Pl. tick)

FTC

Hotel

Not required

Date: .....

Signature: .....

**Typed or Photocopy of this FORM is also acceptable**

## Tentative Programme Schedule

**Registration : 23<sup>rd</sup> February, 2011 at FTC, BCKV from 4.00 p.m. – 6.00 p.m.  
24<sup>th</sup> February, 2011 at FTC, BCKV from 8.30 a.m. – 10.00 a.m**

### 24<sup>th</sup> 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**

### 25<sup>th</sup> 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**

### 26<sup>th</sup> 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**

### 27<sup>th</sup> Feb, 2011

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

## ACCOMMODATION DETAILS

Contact: [Dr. K. Barui \(kironmaybckv@gmail.com\)](mailto:kironmaybckv@gmail.com)

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

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:

Arrival date and time: By

AIR

TRAIN

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

Date:

Flight No. / Train name

Name of the Airport / Name of the Railway Station

4. Departure Date and Time:

Date:

Flight No. / Train name

Name of the Airport / Railway Station:

5. Transport needed: Yes

No

6. Interested for Post Symposium Tour:

YES

/

## CONTACT DETAILS

### Symposium Information

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