



# TCP3 Newsletter

LGU-PhilRice-JICA Technical Cooperation Project for "Development and Promotion of Location-Specific Integrated High-Yielding Rice and Rice-Based Technology"



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## TCP3 2nd Quarterly Meeting

After the successful 1<sup>st</sup> Quarter meeting in Batac, Dr. Leocadio S. Sebastian, Outgoing Project Coordinator opened the 2<sup>nd</sup> Quarter meeting last July 3 2008 by giving his last statement. According to him, he had seen all the effort and dedication of every one and it was very much appreciated. He officially transferred the project directorship to Atty. Ronilo A. Beronio who was designated as an Officer-in-Charge of the institute.

The meeting was graced by Mr. Kiyofumi Takashima, Assistant Resident Representative of JICA. With strong collaboration between JICA and Philrice he mentioned that the experienced of TCP3 can be a good model not only for other on-going projects but also for future JICA projects in Agriculture sector.

TCP3 have been deemed as a role model or other national project such as GMA Rice and Palayamanan as a



result of high evaluation during the Mid-term Evaluation September last year. Dr. Nobuyuki Kabaki chief advisor of JICA expert team of TCP3 said they are very proud for having PhilRice as partner and thank Dr. Sebastian for mutual good relationship and for overseen all the process and kindly facilitated the collaboration between PhilRice and NARC.

The Highlights of the meeting was the reports of achievements in DS 2008. Accomplishments and plans of the project activities are discussed.

In Ilocos, TCP3 methodologies enhanced the Palamayanan as a platform in promoting technologies.

Dr. Alejandra B. Estoy of PhilRice Agusan presented Pest Management. They found out that between tillage and white stem borer perceived a correlation among farmers so this was pursued by the project. The timing and depth of tillage should be consider also and started upon harvest. There is high population and damage of WSB during floods in a typical year.

As for process documentation, training manual will be later on translated to local dialects and to determine the implementability of the manual this will be pilot tested for 2008 WS. Final draft of Agricultural Technologist Guide was presented.

Atty. Beronio ended the meeting by congratulating everyone specially the JICA Expert for the smooth implementation of the project.



## Joint Discovery for Better Service to Farmers

a message from Former Director Leocadio S. Sebastian



TCP 3 is a shared pride of PhilRice and JICA because it is a model project. Logically, our farmer-cooperators can serve as models for other farmers. Moreover, the model that we have developed will serve as nucleus for the farm clustering approach that will be disseminated in other areas across the country.

PhilRice is very fortunate working for TCP 3 whose farmer-participants typify our Filipino food producers. This challenges us to stretch our level of thinking so we can create and innovate, and never rest on our laurels brought about by our past achievements. A Filipino wise man once said: "we have to keep on running just to remain where we are."

We are also very grateful for having dynamic local government units as partners in implementing the project. Indeed, they are setting the standards for other LGUs to emulate.

I am witness as to how JICA and PhilRice experts have synergized to make sure that the project is running smoothly. I am pleased to see how the project is documented and guided for ease in dissemination later.

I enjoin all the farmers to continue to innovate in their farming practices. An innovative mind is one key to your success. Rest assured that PhilRice and JICA will always be ready to provide technical assistance even before you will need it.

To our farmer-participants, it has been an honor and pride working with you, doing our best in finding ways to improve farm productivity and sustainability that we hope can increase farm income and reduce poverty. I enjoin you to continue to own the outputs of the project, and make sure to use to your advantage all the learnings that you will get. Be the model for other farmers to follow, and to look up to. Do not disappoint them.

The success of farmers always brings smiles to us researchers and scientists. It is the barometer that tells us whether we are making sense in our work or not.

TCP 3 has always given us that satisfaction. Working with highly receptive farmers who care about the welfare of their families, has taught us many things, much more, brought us joy.



## Resistant Rice Varieties Against White Stem borer

**White stem borer (WSB)** is a serious pest of rice in Caraga region, however with the development of rice varieties with resistance to WSB, farmers need not worry about it anymore.

**Latest** study shows that 3 rice varieties, NSIC Rc122, NSIC Rc138 and NSIC Rc146 and 2 promising lines, PR-35015-5-2 and PR-34141-34-2-J1 were less preferred by WSB for oviposition. (Fig.1). Likewise, damage during the reproductive stage was significantly lower on these varieties. Damage WH (% White-heads) obtained were 11.6, 11.9, 10, 10, and 11% WH for NSIC Rc 122, 138 146, PR 35015-5-2 and PR 34141-34-2-J1, respectively. Damage of these varieties and promising lines were comparable with TKM1 (resistant check variety) with 10% WH and significantly lower than TN1 (susceptible check variety) with 24% WH (Fig. 2).



In the Technology Demonstration Farm of the JICA TCP 3 located at Charito, Bayugan, Agusan del Sur, the damage of WSB during the reproductive stage was significantly lower on NSIC Rc122 and NSIC Rc146 with 6% and 9% WH, respectively than on PSB Rc82 with 26% WH.

NSIC Rc122 is late maturing variety with 121 days maturity NSIC Rc138 and 146 are early maturing varieties with 111 and 110 days maturity, respectively.

The most economical and practical way to manage WSB is to varieties that possess resistance to WSB such as NSIC Rc122 (Angelica), NSIC Rc138 (Tubigan 5) and NSIC Rc146 (PJ7).

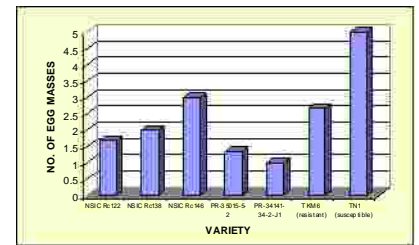


Fig. 1. Oviposition preference of white stem borer (WSB).

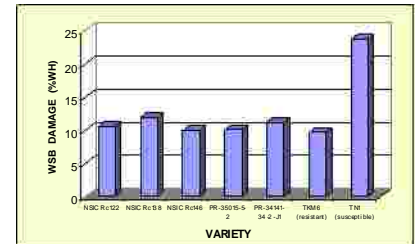


Fig. 2 WSB damage (% WH) of different rice varieties.

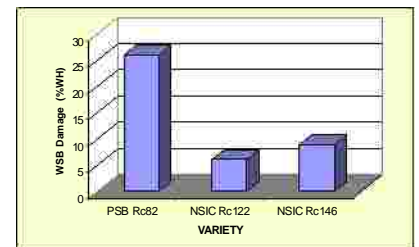


Fig. 3. WSB damage (% WH) of 3 rice varieties at JICA TDF site in Charito, Bayugan, Agusan del Sur.

## Typhoon Helen Damage

### Invitation

The monthly TCP3 Newsletter is prepared;

- 1) to work as an educational/technical guide with some timely technical tips;
- 2) to work as an information dissemination tool to notice important events or messages; and
- 3) to work as a motivator by showing excellent activity examples with pictures or posting interview articles.

**We welcome your articles.**

For additional information,  
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**Typhoon Helen** hit Ilocos Sur last July 15 – 16, 2008. Ilocos Norte and Ilocos Sur was on typhoon Signal No. 2. The Weather Station of PhilRice Batac recorded more than 700mm, in other words, more than one third of the annual rainfall with that typhoon.

In the morning of July 17, some PhilRice staffs visited and inspected the damage caused by the typhoon in Cabugao site. About 90% of the farmers at the Cabugao site have transplanted a week before the typhoon. At the day of the inspection, 30% of the project site is still submerged.

About 30 – 40% decrease in yield is expected at the submerged area.. We hope the drainage system of the area will be improved as soon as possible, since the area also was damaged last November's typhoon.

You can get the latest weather information from **PAGASA web site;**

<http://www.pagasa.dost.gov.ph/>

or by calling 02-433-8526 (PAGASA 24-hour hotline).



Submerged Rice Plants



Newly Transplanted