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Technical Report

On

**“Evaluating the Impact of Stress-Tolerant Rice Varieties
Through Remote Sensing and Econometric Methods: Phase 2”**

IRRI References: PLA ID: C-2021-155

Agreement ID: A-2015-117 (2021 Activities)

A-2019-33 (2022 Activities)

Submitted To:

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Submitted By:

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Submission Date: 31st December 2022

Introduction: AVA Development Society (AVADS) has arranged the indoor and field training for Evaluating the Impact of Stress-Tolerant Rice Varieties through Remote Sensing and Econometric Methods: Phase-2 survey at Rajshahi, Bangladesh. Dehner de Leon & Donald Villanueva from IRRI HQ and Muhammad Ashraful Habib from IRRI-Bangladesh were given the training to enumerators.

Description: In this survey study, we covered 06 (six) divisions, 16 (sixteen) districts and 75 (seventy five) upazila and 150 (One hundred and fifty) villages. We covered the following areas.

Division Name	District Name	Upazila Name	Village Name
Barisal Division	Barisal	Barisal	Horinafuliya
Rangpur Division	Thakurgaon	Bhurungamari	West Kedar
Rajshahi Division	Natore	Baraigram	Karbala
Khulna Division	Bogra	Jhenaidah	Ganna
Khulna Division	Bogra	Kaliganj (Jhenaidaha)	Bhatpara
Khulna Division	Bogra	Kotchandpur	Elangi
Chittagong Division	Chandpur	Faridganj	Kalir Bazar
Rangpur Division	Kurigram	Baliadangi	Seoradangi
Rangpur Division	Kurigram	Baliadangi	Sindurpindi
Rangpur Division	Thakurgaon	Bhurungamari	MonglarKuti
Rangpur Division	Kurigram	Thakurgaon	DeoGaon
Rangpur Division	Kurigram	Thakurgaon	Yakubpur
Rangpur Division	Thakurgaon	Nageswari	Daynarpar
Rangpur Division	Kurigram	Haripur	Mosaldangi
Rangpur Division	Thakurgaon	Nageswari	Mornearpar
Rangpur Division	Kurigram	Ranisonkail	Birasi bazar
Rangpur Division	Kurigram	Ranisonkail	Kochal P. Para
Rangpur Division	Kurigram	Pirganj (Thakurgaon)	Dowlatpur/Mallikpur
Rangpur Division	Kurigram	Haripur	Bat Toli (vabanandapur)
Rangpur Division	Kurigram	Pirganj (Thakurgaon)	UttorMaloncha/ Barobari
Chittagong Division	Chittagong	Chandanaish	Jafarabad
Rangpur Division	Thakurgaon	Chilmari	Kuyarpar
Rangpur Division	Thakurgaon	Chilmari	Ranigonj
Rangpur Division	Thakurgaon	Rowmari	Sutirpar
Rangpur Division	Thakurgaon	Rowmari	Khatiamari
Rangpur Division	Thakurgaon	Razibpur	Baliamari
Rangpur Division	Thakurgaon	Razibpur	Mathpara
Rajshahi Division	Barguna	Shariakandi	Hatserpur
Rajshahi Division	Barguna	Kahalu	Pilkunja
Rajshahi Division	Barguna	Dubchachia	Gunahar
Rajshahi Division	Barguna	Shariakandi	Jorgacha
Rajshahi Division	Barguna	Kahalu	Malancho
Rajshahi Division	Barguna	Dhunat	Nimgachi
Rajshahi Division	Barguna	Nandigram	Kumira/ Vhatara

Rajshahi Division	Barguna	Nandigram	Kuhuli
Rajshahi Division	Rajshahi	Bagmara	Sakuwa
Rajshahi Division	Barguna	Dhunat	Maturapur
Rajshahi Division	Rajshahi	Bagmara	Vobaniganj
Rajshahi Division	Rajshahi	Durgapur (Rajshahi)	Alipur
Rajshahi Division	Rajshahi	Durgapur (Rajshahi)	Kathalbaria
Rajshahi Division	Rajshahi	Godagari	Iswaripur
Rajshahi Division	Rajshahi	Godagari	Kumarpur
Rajshahi Division	Rajshahi	Puthia	Gondagoali
Rajshahi Division	Rajshahi	Rajshahi Metro	Kasiadanga
Rajshahi Division	Rajshahi	Rajshahi Metro	Kathalbaria
Rajshahi Division	Rajshahi	Puthia	Varuwa
Rajshahi Division	Natore	Gurudaspur	Bakibegpur
Rajshahi Division	Natore	Gurudaspur	Chowddamatha
Rajshahi Division	Natore	Baraigram	Balia
Rajshahi Division	Rajshahi	Charghat	Dowlatpur
Rajshahi Division	Rajshahi	Charghat	Solua
Rajshahi Division	Natore	Bagatipara	Noyapara
Rajshahi Division	Natore	Bagatipara	Faguardyar
Rajshahi Division	Natore	Lalpur	Hapania
Rajshahi Division	Natore	Lalpur	Kadamchhilan
Dhaka Division	Manikganj	Daulatpur (Manikganj)	Daulatpur
Dhaka Division	Manikganj	Daulatpur (Manikganj)	Hazipara
Rajshahi Division	Barguna	Dubchachia	Koalakopa
Dhaka Division	Manikganj	Manikganj	Joyra
Dhaka Division	Manikganj	Manikganj	Vanumoti
Dhaka Division	Manikganj	Ghior	Kellai
Dhaka Division	Manikganj	Ghior	Gangdubi
Dhaka Division	Manikganj	Singair	Kangsa
Dhaka Division	Manikganj	Singair	Azimpur
Dhaka Division	Manikganj	Harirampur	Bijoynagar
Dhaka Division	Manikganj	Harirampur	Kolta
Khulna Division	Bogra	Kotchandpur	Boluhor
Khulna Division	Bogra	Jhenaidah	Porahati
Khulna Division	Bogra	Moheshpur	Hanifpur
Khulna Division	Bogra	Kaliganj (Jhenaidaha)	Pirojpur
Khulna Division	Bogra	Moheshpur	Mirjapur
Dhaka Division	Shariatpur	Naria	Naogaon
Dhaka Division	Shariatpur	Naria	Kandapara

Dhaka Division	Shariatpur	Shariatpur	Hugli
Dhaka Division	Shariatpur	Shariatpur	Amtoli
Dhaka Division	Shariatpur	Bhedarganj	Mirjapur
Dhaka Division	Shariatpur	Bhedarganj	Kaichkuri
Chittagong Division	Chandpur	Faridganj	Katakhali Bazar
Chittagong Division	Chandpur	Haimchar	Rayer bazar
Chittagong Division	Chandpur	Haimchar	Algi Bazar
Barisal Division	Barisal	Gournadi	Vurghata
Dhaka Division	Shariatpur	Goshairhat	Charmonpura (Khunerchar)
Dhaka Division	Shariatpur	Goshairhat	Abupur
Barisal Division	Barisal	Agailjhara	South Sihipasa
Barisal Division	Barisal	Hizla	Sankarpasa
Barisal Division	Barisal	Gournadi	Batajor
Barisal Division	Barisal	Muladi	Dorirchar
Chittagong Division	Chittagong	Mirsharai	Haji sarai
Barisal Division	Barisal	Babuganj	Rakudiya
Chittagong Division	Chittagong	Mirsharai	Durgapur
Khulna Division	Satkhira	Tala	Mirzapur
Khulna Division	Satkhira	Tala	Islamkathi
Barisal Division	Pirojpur	Nazirpur	Bakshi
Barisal Division	Pirojpur	Nazirpur	Chowthaimohal
Khulna Division	Satkhira	Satkhira	Bakal
Barisal Division	Bhola	Bhola	P. Charnobad
Barisal Division	Pirojpur	Nesarabad	Kuhudaskathi
Barisal Division	Pirojpur	Nesarabad	Juluher
Barisal Division	Bhola	Bhola	Moutupi
Chittagong Division	Chittagong	Sitakunda	Nunachar
Khulna Division	Satkhira	Satkhira	Fingree
Barisal Division	Jhalakati	Nalchity	Bhorotkathi
Khulna Division	Satkhira	Assasuni	Budhata
Chittagong Division	Chittagong	Sitakunda	Madhya Mohadebpur
Barisal Division	Barisal	Agailjhara	ModdhaSihipasa
Khulna Division	Satkhira	Assasuni	Kundoria
Barisal Division	Jhalakati	Nalchity	Nachonmohal
Barisal Division	Barisal	Hizla	Pownivanga
Barisal Division	Bhola	Burhanuddin	Laxisampur
Barisal Division	Bhola	Burhanuddin	P. Laxisampur
Khulna Division	Satkhira	Debhata	Hadipur
Barisal Division	Barisal	Muladi	Bojaysuly
Khulna Division	Satkhira	Debhata	Debishor
Chittagong Division	Chittagong	Sandwip	Bauria
Barisal Division	Jhalakati	Rajapur	Nolbunia

Barisal Division	Pirojpur	Bhandaria	Koloni Bazar
Barisal Division	Pirojpur	Bhandaria	PurboBhandaria
Barisal Division	Barguna	Betagi	Fultola
Chittagong Division	Chittagong	Rangunia	Fakir Khil
Barisal Division	Barisal	Barisal	Sarshi
Barisal Division	Barisal	Babuganj	Gojaliya
Chittagong Division	Chittagong	Rangunia	bacha Shahnagar
Chittagong Division	Chittagong	Sandwip	Mogdhara
Chittagong Division	Chittagong	Hathazari	Fateyabad
Chittagong Division	Chittagong	Hathazari	Chikandandi
Barisal Division	Jhalakati	Kathalia	UttorAwora
Barisal Division	Barguna	Betagi	Keurabunia
Barisal Division	Bhola	Tazumuddin	Shambupur
Barisal Division	Jhalakati	Kathalia	Joykhali
Barisal Division	Bhola	Tazumuddin	Uttar shasrs
Khulna Division	Satkhira	Shyamnagar	Bongshipur
Barisal Division	Barguna	Bamna	Sunakhali
Chittagong Division	Chittagong	Patiya	Okara
Chittagong Division	Chittagong	Patiya	Allai
Barisal Division	Barguna	Bamna	Nijamtoli
Khulna Division	Satkhira	Shyamnagar	Sripalkathi
Barisal Division	Bhola	Monpura	Char Jotin
Barisal Division	Bhola	Monpura	Sonarchar
Barisal Division	Bhola	Lalmohan	ECharUmad
Barisal Division	Bhola	Lalmohan	Collagepara
Barisal Division	Barguna	Amtali	Gerabunia
Barisal Division	Barguna	Amtali	Chaltabunia
Barisal Division	Bhola	Charfasson	Nurabad
Barisal Division	Bhola	Charfasson	Char Tofajjal
Barisal Division	Barguna	Patharghata	Golbunia
Chittagong Division	Chittagong	Chandanaish	Bailtoli
Chittagong Division	Chittagong	Satkania	UttorChorpara
Chittagong Division	Chittagong	Satkania	Daksinrampur
Barisal Division	Barguna	Patharghata	Nizlathimara
Barisal Division	Jhalakati	Rajapur	Kanudaskathi

Working Procedures:

1. AVADS was updated the list of locations where the survey has done.
2. AVADS was updated the list of 1500 respondents.
3. AVADS has completed all the data collection of 1500 respondents successfully.
4. AVADS has completed the data cleaning work.







Methodology: Methodology of this survey work are given below -

1. AVA Development Society has conducted the survey work at the field level as per IRRI survey guidelines in the IRRI's selected locations.
2. AVA Development Society has selected qualified enumerators and trained them for the purpose of data collection from the IRRI selected farmers and locations.
3. AVA Development Society enumerators have collected the data at Survey Solution software.

Conclusion: Enumerators was done their data collection work very sincerely. They have been overcoming all the challenges at survey time.

Report prepared and submitted by

A handwritten signature in black ink, appearing to read 'mesbahul'.

Md. Mesbahul Haque
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