**Research Publications (2017-18)**

Baishya L K, Meitei B, Naorem G C, Thokchom R C, Singh J, Bhuvaneswari S, Batabyal K, Das R, Padhan D, Prakash N and Rahman F H. 2018. Can sustainability of maize-mustard cropping system in northeast India be achieved through balanced nutrient management? *Field Crops Research* (Accepted).

Banerjee A, Sarkar B, Mukherjee S and Rahman F H. 2018. Assessment of the performance of different options of integrated management of late blight disease on yield of potato in West Bengal. *Indian Res. J. Ext. Edu*., 18 (1), January, 2018: 32-36.

Biswas S, Das G, Rahman F H, Sarkar S, Sarkar S, Saha S, Das S, Saha A and Roy B. 2018. Impact of NICRA project through analysis of different success point, *International Journal of Agriculture Sciences* ISSN: 0975-3710 & E-ISSN: 0975-9107, Volume 10, Issue 8, pp.-5863-5866.

Debnath T, Bera S, Deb S, Pal P, Debbarma N and Haldar A. 2017. Application of radio - frequency based digital thermometer for real-time monitoring of dairy cattle rectal temperature. *Veterinary World*, 10 (9): 1052- 1056.

Haldar A, Das D, Saha B, Pal P, Das S, Das A, Rajkhowa D, Hazarika S and Datta M. 2017. Smallholder Pig Farming for Rural Livelihoods and Food Security in North East India. *Journal of Animal Research*, 7 (3): 471- 481.

Haldar A, Das D, Santra A,Pal P, Dey S, Das A, Rajkhowa D, Hazarika S and Datta M. 2017. Traditional feeding system for pigs in Northeast India. *International Journal of Livestock Research*, 7 (8): 122- 132.

Khan M, Manna D C, Mondal S K, Chatterjee J K and Pyne S K. 2017. Comparative performance of Vanaraja, RIR and indigenous birds under backyard system of rearing in Birbhum district of West Bengal. *Indian Journal of Poultry Science*, 51 **(3)**: 308-311.

Nandan R, Singh S S, Kumar V, Singh V, Hazra K K, Nath C P, Malik R K, Poonia S P, Solanki C H. 2018. Crop establishment with conservation tillage and crop residue retention in rice-based cropping systems of Eastern India: yield advantage and economic benefit. *Paddy and Water Environment.*1-16. doi.org/10.1007/s10333-018-0641-3 (online version)

Nandan R, Singh V, Singh S S, Kumar V, Hazra K K, Nath C P, Poonia S P, Malik R K, Singh S K, Singh P K. 2018. Comparative assessment of different tillage-cum-crop establishment practices and crop-residue management on crop and water productivity and profitability of rice (*Oryza sativa*)–wheat (*Triticum aestivum*) cropping system. *Indian Journal of Agronomy,* 63 (1): 1-7.

Nath C P, Dubey R P, Sharma, A R, Hazra K K, Kumar N and Singh S S. 2018. Evaluation of new generation post-emergence herbicides in chickpea (*Cicer arietinum* L.). *National Academy Science Letters*, 41(1): 1-5.

Santosh Kumar, Rakesh Kumar, Mishra J S, Dwivedi S K, Ved Prakash, Bhakta N, Singh A K, Singh S K, Singh S S, Haris A A, Rao K K, Mondal S, Bhatt B P, Singh S and Yadav A. 2017. Evaluation of rice (*oryza sativa*) cultivars under different crop establishment methods to enhance productivity, profitability and energetics of rice in middle indo-gangetic plains of India. *Indian Journal of Agronomy,* 62 (3): 307-314.

Santosh Kumar, Rakesh Kumar, Mishra J S, Dwivedi S K, Ved Prakash, Rao K K, Singh A K, Bhatt B P, Singh S S, Haris A A, Virendar Kumar, Srivastava A K, Singh S and Yadav A. 2018. Productivity and profitability of rice (*oryza sativa*) genotypes as influenced by crop management practices under middle indo-gangetic plains. *Indian Journal of Agronomy,* 63 (1): 45-49.

Singh R N, Praharaj C S, Rahul Kumar, Singh S S, Kumar N and Singh U. 2017. Influence of rice habit groups and moisture conservation practices on soil physical and microbial properties in rice + lathyrus relay cropping system under rice fallows in Eastern Plateau of India. *Indian Journal of Agric. Science,* **87** (12):1633-39.

Singh U, Praharaj C S, Singh S S, Hazra K K and Kumar N. 2017. Does foliar applied seaweed extracts enhance growth and yield of chickpea (*Cicer arietinum L.)?* ***Journal of Food Legumes,* 30 (4): 262-266.**

Ved Prakash, Dwivedi S K, Santosh Kumar, Mishra J S, Rao K K, Singh S S and Bhatt B P. 2017. Effect of elevated CO2 and temperature on growth and yield of wheat grown in sub-humid climate of eastern Indo-Gangetic Plain (IGP). *Mausam,* 68: 499-506.

Zaidi N W, Singh M, Kumar S, Sangel U R, Nityanand, Singh R, Sachitanand, Prasad R, Singh S S, Singh S, Yadav A K, Singh A, Waza S A and Singh U S.2017. *Trichoderma Harzianum* improves the performance of stress-tolerant rice varieties in rainfed ecologies of Bihar, India. *Field Crop Research*, [*http://dx.doi.org/10.1016/j.fcr.2017.05.003*](http://dx.doi.org/10.1016/j.fcr.2017.05.003).