



INSTITUTE OF ECONOMIC GROWTH

University Enclave, University of Delhi (North Campus), Delhi-110 007, INDIA

July 14, 2016

SEMINAR NOTICE

- Topic: Hybrid Crops, Income and Food Security of Smallholder Families: Empirical Evidence from Poor States of India.
- Speaker (s): Dr. Amarnath Tripathi, Institute of Economic Growth, University of Delhi
- Chair: Dr. C.S.C. Sekhar, Institute of Economic Growth, University of Delhi

The seminar details are as follows:

- Date & time: Friday, July 29, 2016 at 3.30 p.m.
- Venue: A.M. Khusro Room
Institute of Economic Growth
University of Delhi Enclave
North Campus, Delhi-110 007

All are welcome.

Sabyasachi Kar

(Sabyasachi Kar)
Seminar Convenor

Abstract:

This study investigates the impact of the adoption of hybrid crops (rice and maize) on the income and food security of smallholder farm households in two of India's poorest states (Bihar and Uttar Pradesh). We use two-stage endogenous treatment regression and farm household data from a survey by the Cereal Systems Initiative for South Asia during 2010-11. Findings suggest that adoption of hybrid crops significantly increases smallholders' household income. Hybrid technology adoption also significantly increases smallholder households' food security. However, our findings suggest that the magnitude of the impact on income and food security is much higher for adopters of hybrid maize than for adopters of hybrid rice. These results show that hybrid crops enhance the welfare of smallholder farm families.