

Enhancing seed trade -Future opportunities

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Seed World 2019

THE GREEN REVOLUTION

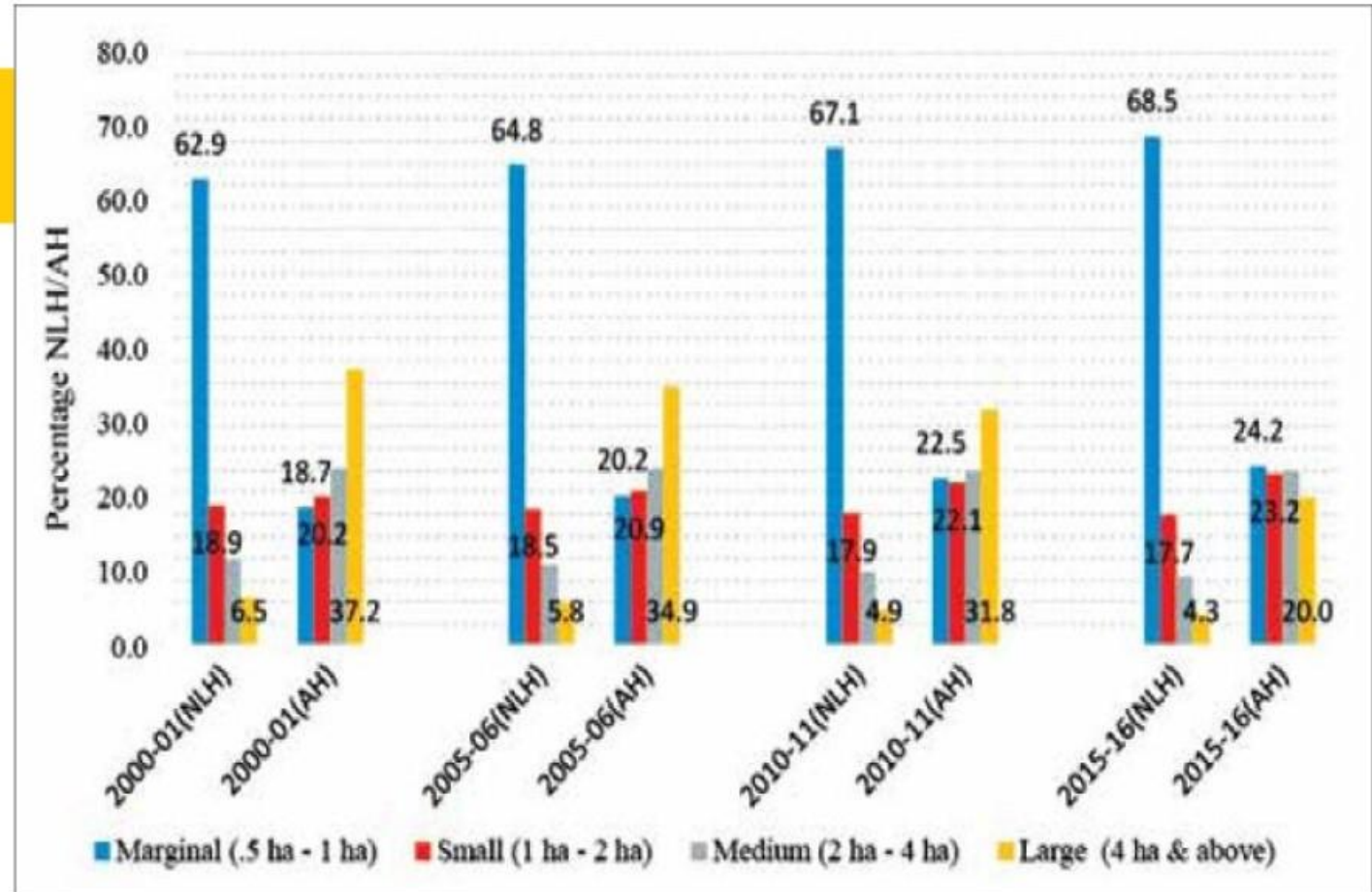


YIELD

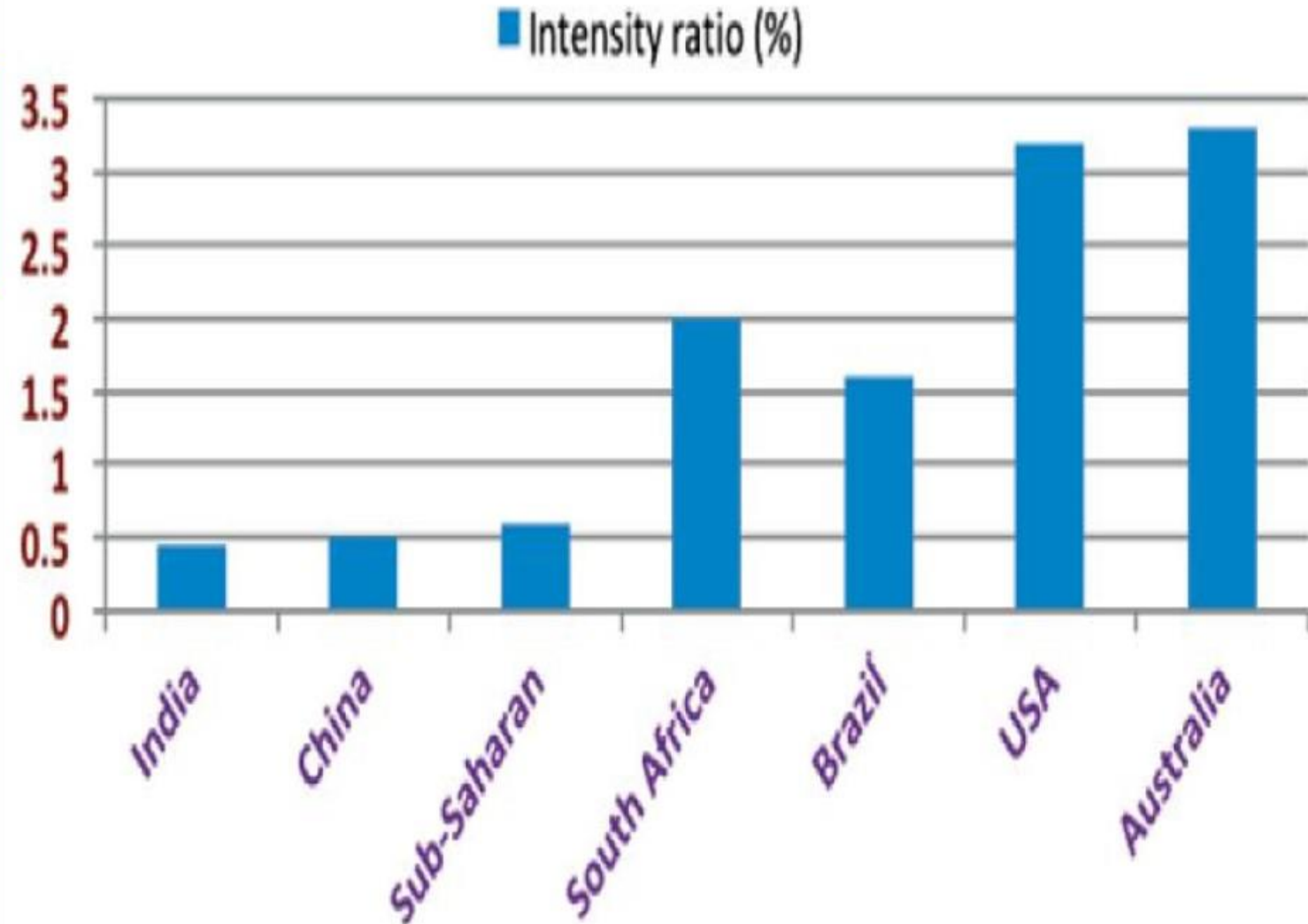
750kg - 1600kg



Operational Landholding (number and area in ha)

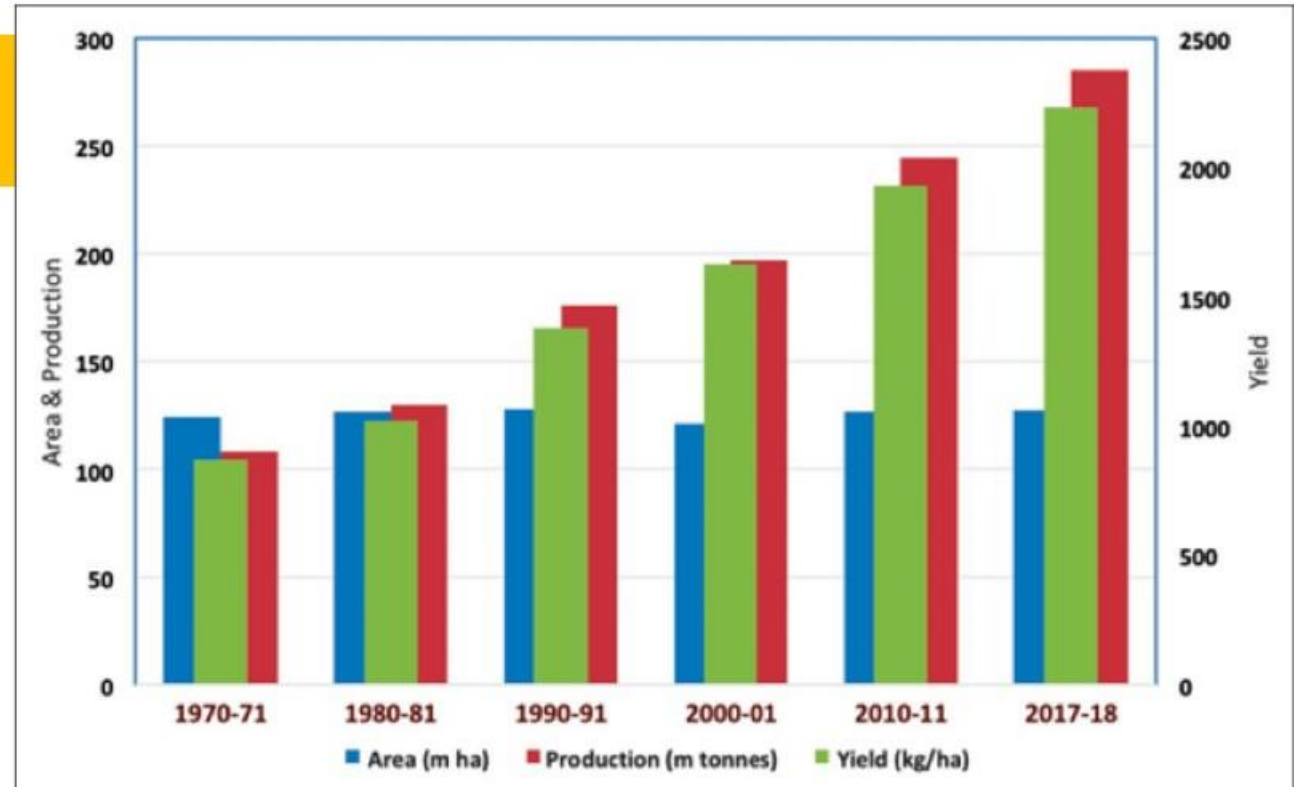


**International agricultural research
expenditure intensity ratios (%),
2010s**



(Source: NIAP, 2011-12)

Total food grains in India



Source: DAC&FW, 2017-18)

Doubling the farmer income by 2022-2023
Annual agriculture growth > 14% per year

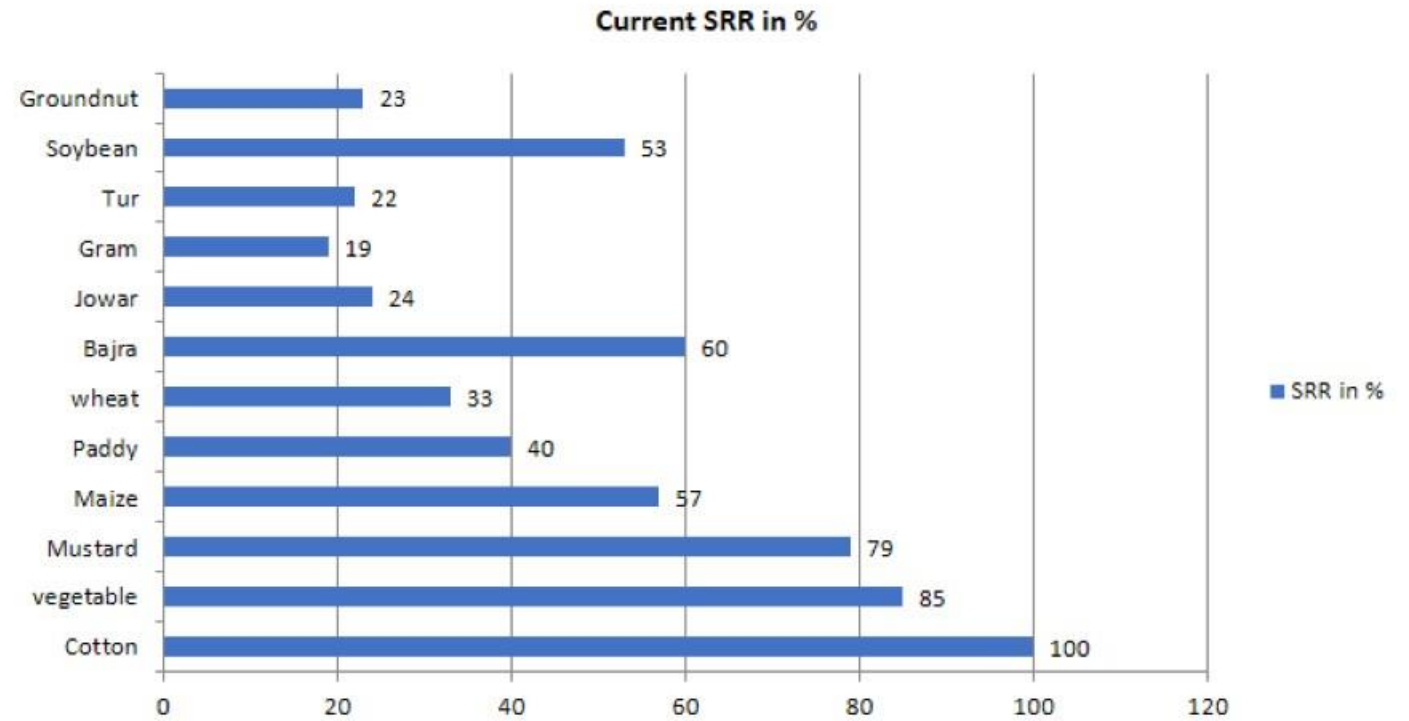


Millennium Agricultural Transformation

Labour intensive → capital and technology intensive



**A NEW AGE
OF SURPLUS**



PLANT **BREEDING**

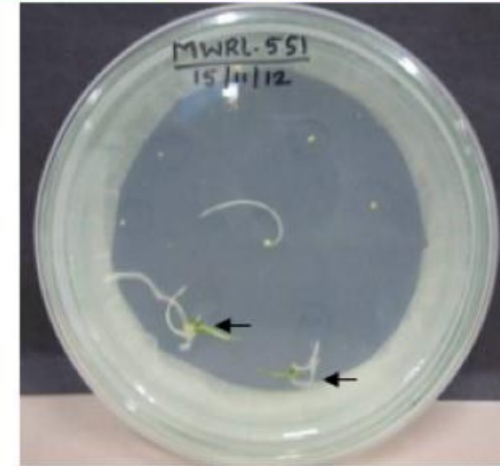


**DISEASE FREE
PLANTS**

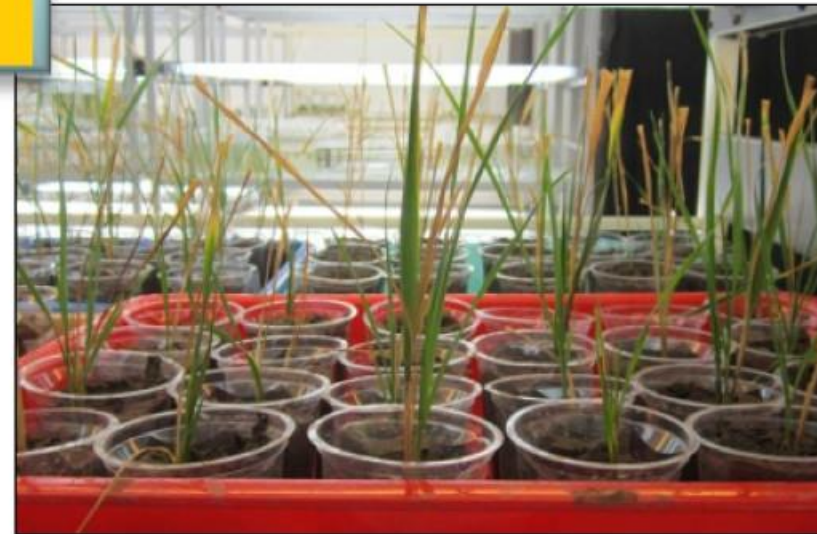


CLIMATE SMART BREEDING



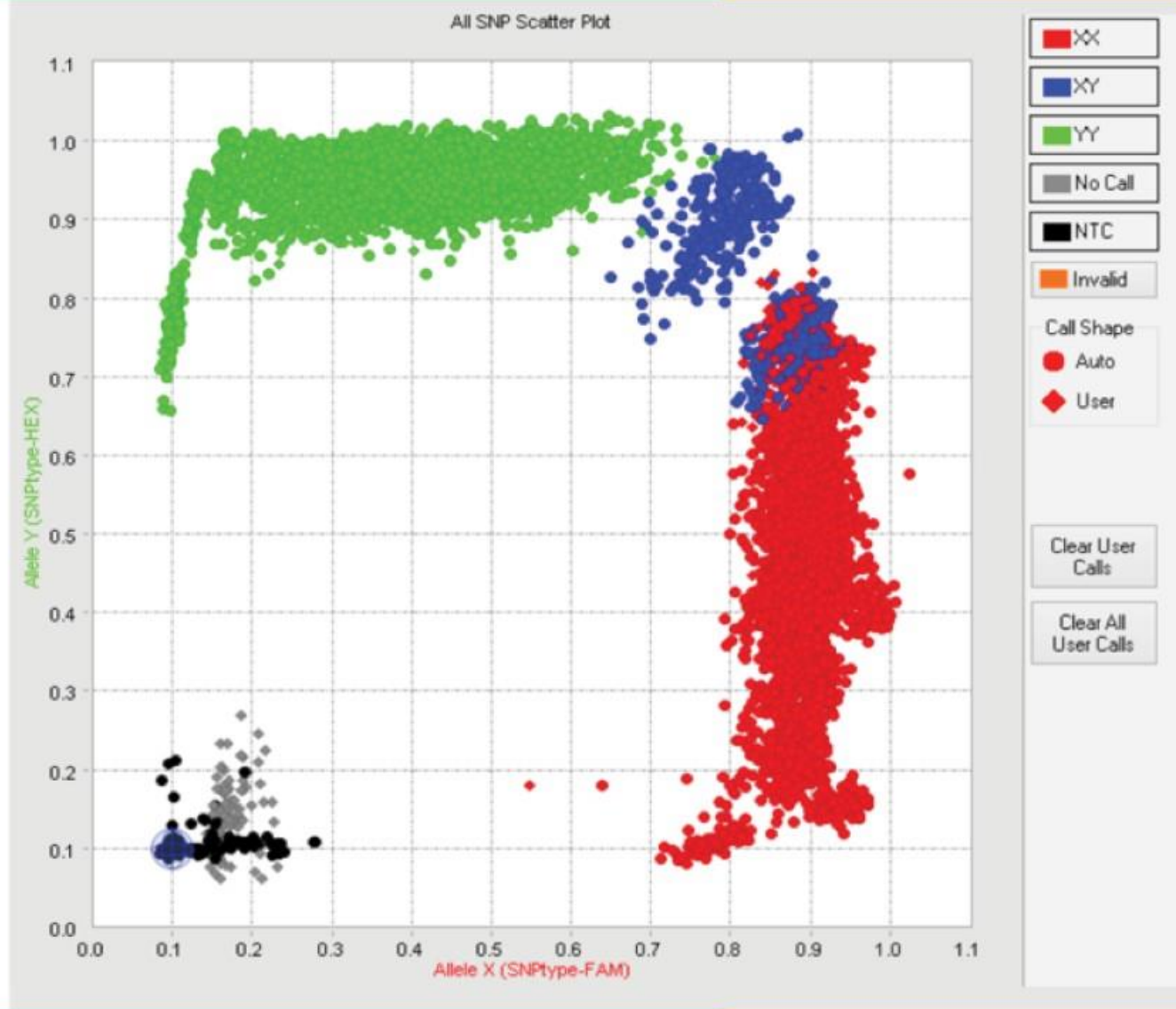
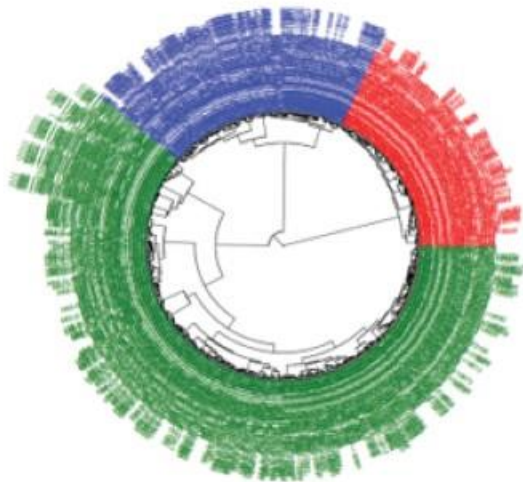


Double Haploids Program in Wheat by Wide Hybridization (Wheat X Maize Cross)



BIG DATA

MOLECULAR FINGERPRINTS OF PLANTS



PESTICIDE-FREE BRINJAL IN BANGLADESH

80 → 0



POTENTIAL
IMPACT IN
INDIA
₹ 2000 Cr



DISEASE
and other traits



Plant growth and soil health



Mechanization



Farmers app



महीको

माझ्या बिजोत्पादन क्षेत्राची तपासणी करण्यासाठी ची विनंती

तपासणी साठी वाण निवडा

COTTON-2 BG-II FS

दिवसात पाहणी करा

७ दिवसात पाहणी करा

१५ दिवसात पाहणी करा

आपली टिप्पणी

विनंती पाठवा बंद करा

Visit Request Recived from :: RAOSAHEB RAGHUNATH SHELKE~CHANDAI TEPLI~9158790324 ,For 206000002A^Bittergourd-2 31 ,Type :: Visit Within 7 Days Remark is :: Visit 3:33 pm

महीको

कच्या मालाची वजन पावती !!

विनंती पाठवा मागे जा

या संकेतस्थळावर दर्शवलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबीसाठी वापरता येणार नाही

महीको

कच्या मालाची वजन पावती !!

Product	Bittergourd-231
Company	Maharashtra Hybrid Seeds Co.Pvt.Ltd.
Grower Code	0040038874
Grower Name	RAOSAHEB RAGHUNATH SHELKE
Village	CHANDAI TEPLI
PO.NO.	700086059
Year-Season	2016-K
Batch	FKB200266
Rcpt.Dt.	15.10.2016
Un-Process Qty (Kg.)	53.6
Bags	1

विनंती पाठवा मागे जा

या संकेतस्थळावर दर्शवलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबीसाठी वापरता येणार नाही.

Horticultural opportunity



Environment

- Regulations and association costs-
 - Money and time
- Policies!!
- Public misinformation and awareness
- Safe history of use!!

Summary

- Innovation continues to be critical for agriculture
- Higher level of investment in research is needed
- Use of new technologies must increase
- Managing data and application capabilities to be stronger
- Facilitating Rules, regulation and Intellectual property environment





mahyco[®]
EVERY SEED COUNTS



THANK YOU