

# Situation on Breeding and Production of Rice in Indonesia

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# Rice Breeding Technique in Indonesia

- Inbred Lines
- Hybrid
- Mutation
- Biotechnology → Transgenic Rice  
(on going research)

# Rice Breeder in Indonesia

- Government Institution : Indonesian Institute for Rice Research, National Nuclear Energy Agency (BATAN)
- Company : PT. BISI International Tbk., PT. Dupont Indonesia, PT. Sang Hyang Seri.
- Local Government

# Dominant Rice Varieties in Indonesia

- 2009 : Ciherang, IR 64, Cigeulis, Ciliwung, Mekongga
- 2010 : Ciherang, IR 64, Ciliwung, Mekongga, Mira
- 2011 : Ciherang, IR 64, Cigeulis, Cibogo, Mekongga
- 2012 : Ciherang, Mekongga, IR 64, Situbagendit, Cigeulis
- 2013 : Ciherang, Mekongga, Cigeulis, IR 64, Situbagendit



- Quality of Ciherang :

- Resistance :

- > Pest : Brown planthopper, biotype 2 and 3

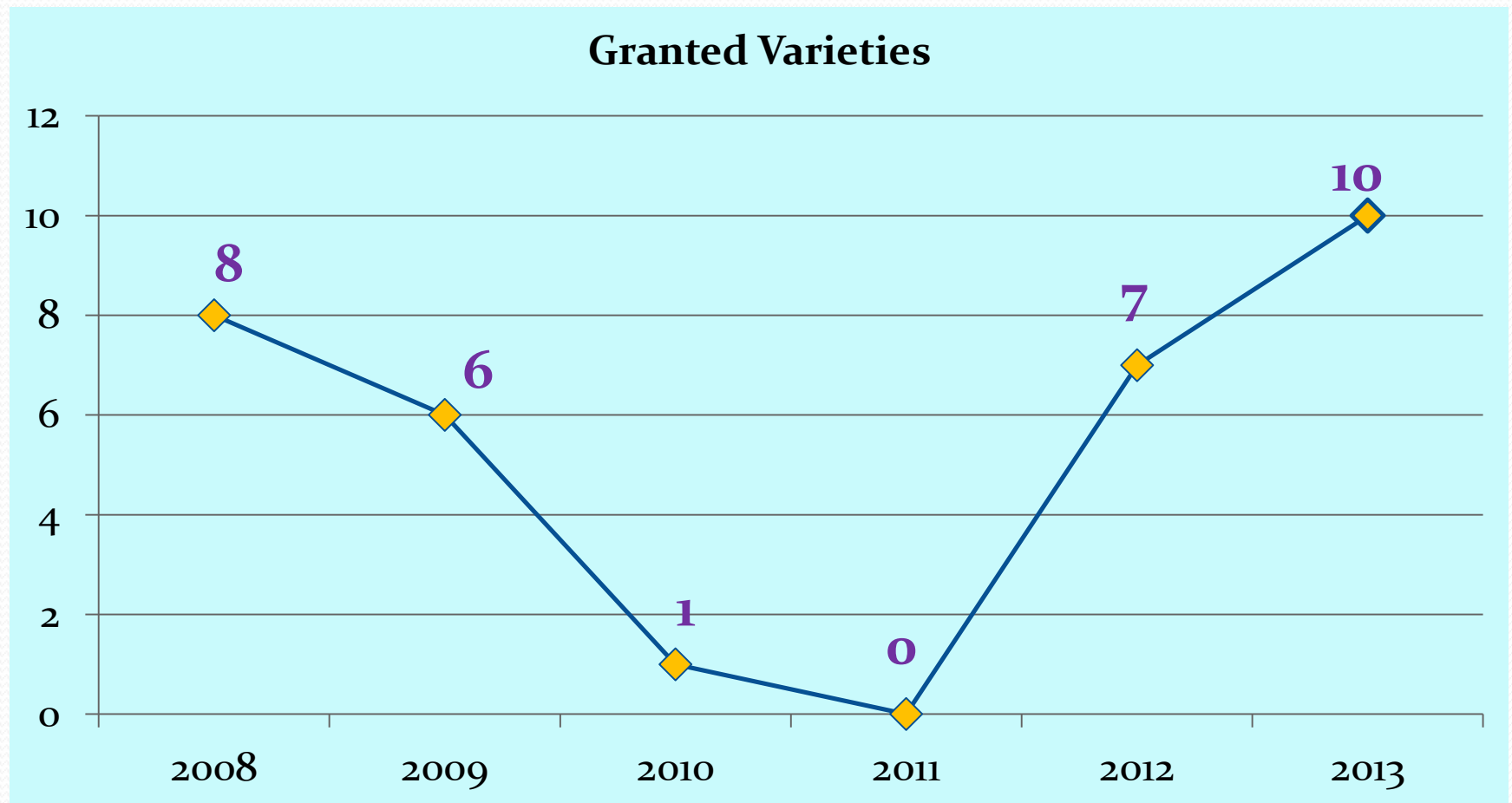
- > Diseases : Leaf Blight, Bacteria strain III and IV

- Sticky

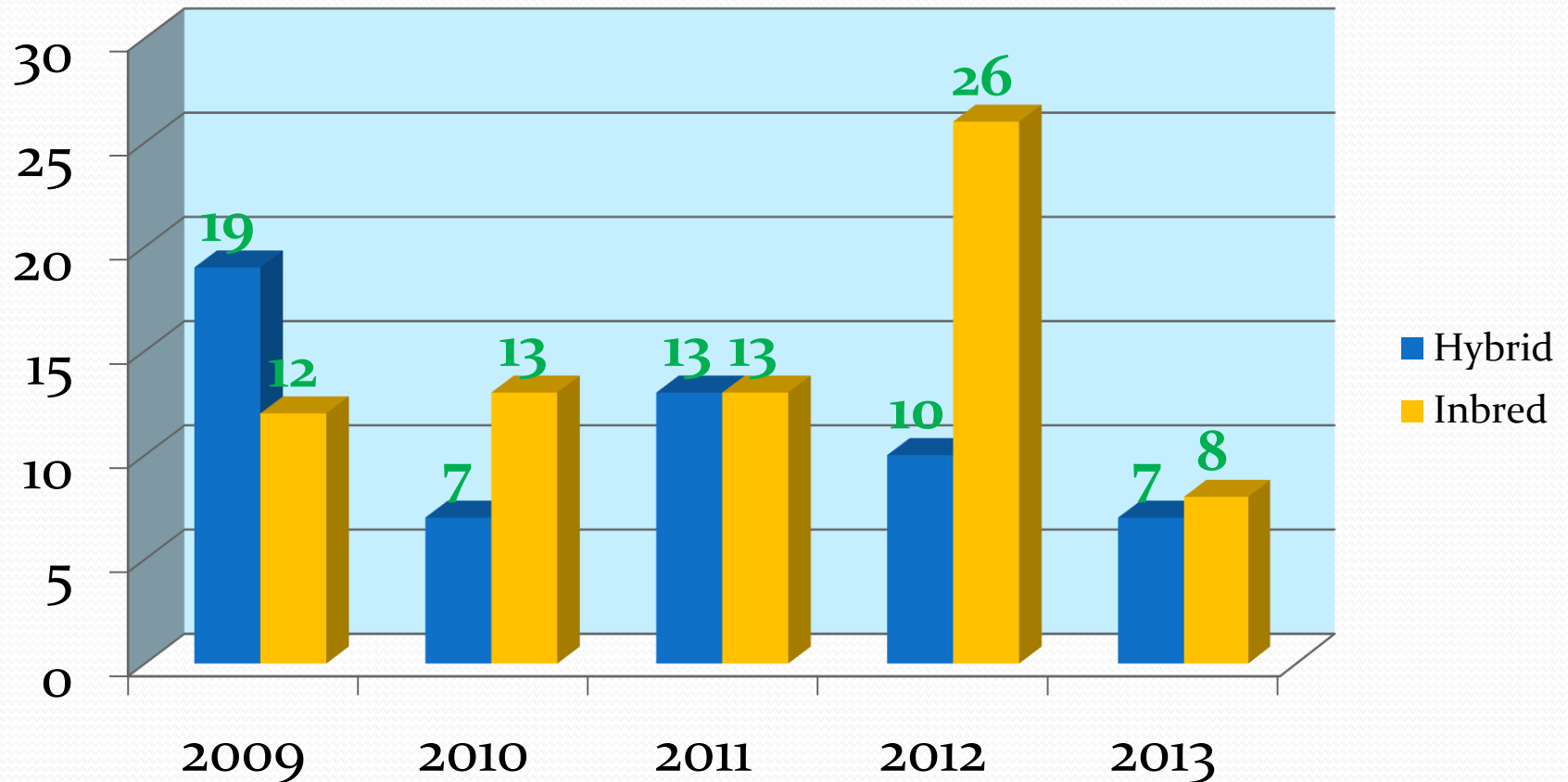
- High Yield Potential

- Ideal planted in dry season and rainy season

# Granted Rice Varieties



# Released Varieties



# Seed Demand and the Use of Certified Seed of Rice



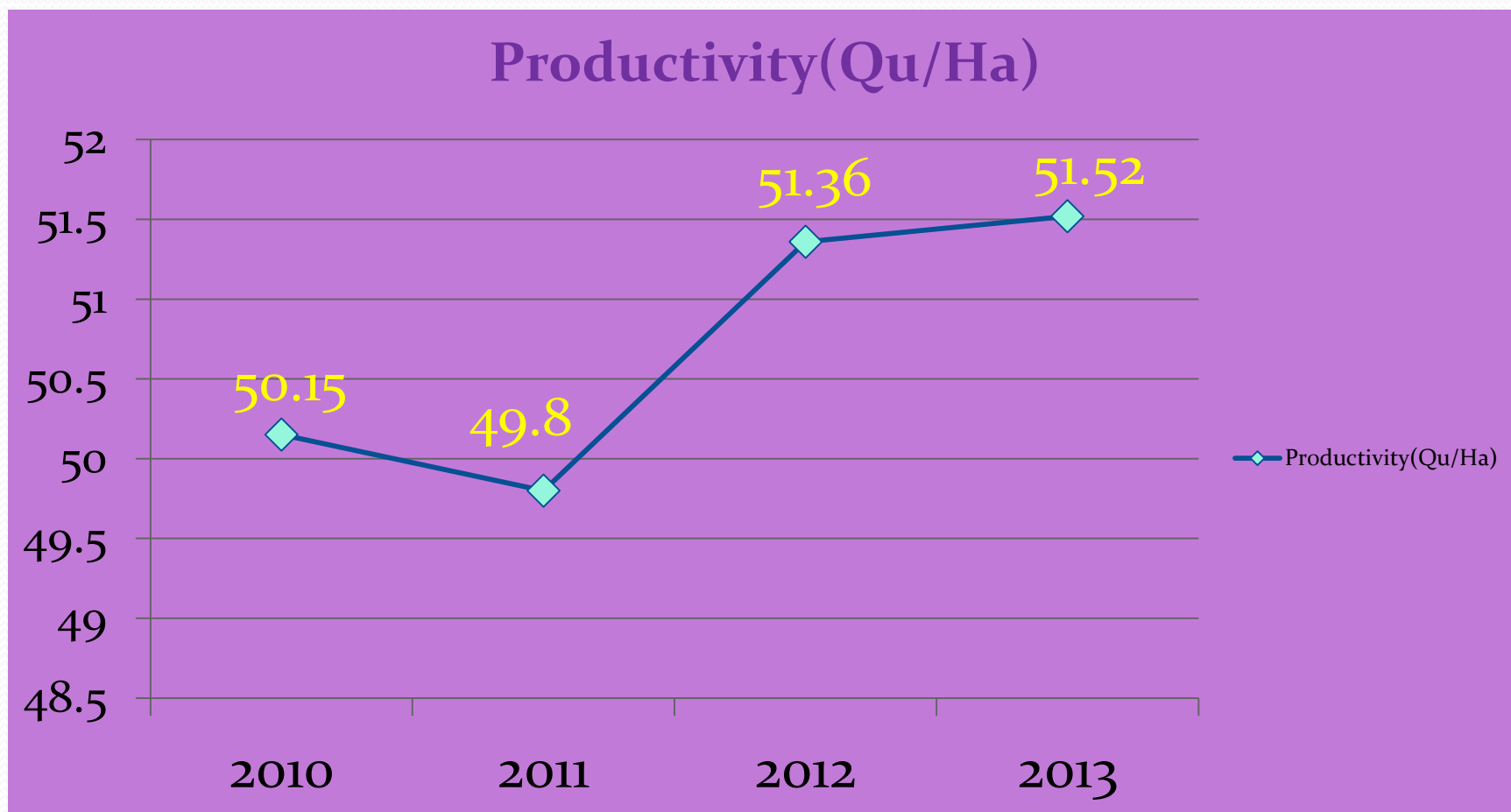
	2009	2010	2011	2012	2013
■ Seed Demand (Ton)	333,633	343,211	341,922	348,185	358,278
■ Certified Seed (Ton)	188,417	215,524	221,787	194,742	167,065
■ Non Certified Seed (Ton)	145,216	127,687	120,135	153,443	191,213



# Table of Harvested Area and Rice Production in Indonesia

<b>Year</b>	<b>Harvested Area (Ha)</b>	<b>Production (Ton)</b>
<b>2009</b>	<b>12.883.576</b>	<b>64.398.890</b>
<b>2010</b>	<b>13.253.450</b>	<b>66.469.394</b>
<b>2011</b>	<b>13.203.643</b>	<b>65.756.904</b>
<b>2012</b>	<b>13.445.524</b>	<b>69.056.126</b>
<b>2013</b>	<b>13.835.252</b>	<b>71.279.709</b>

# Rice Productivity in Indonesia





THANK YOU

