

EAPVP Forum

Training Course for DUS Test of Rice

**Situation on Breeding and Production of rice
in Japan**

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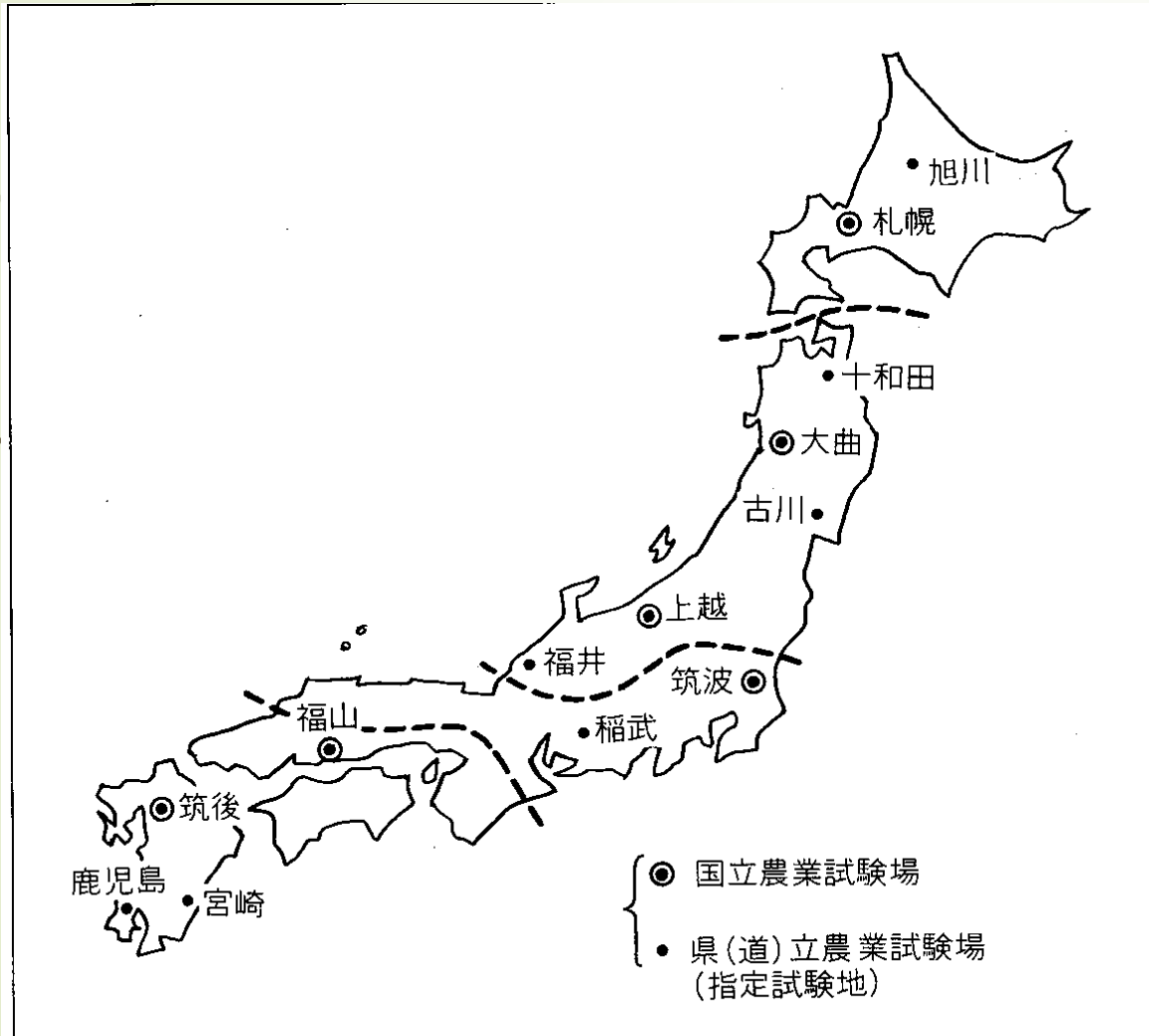
JATAFF

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Rice Production in JAPAN

	Statistical data of 2013
Total production area	1,599,000ha
Production	8.61 Million MT
Average yield / ha	5.39tons/ ha (Brown rice)
import	0.77Million MT (Brown rice)

Rice Breeding in Japan



Rice breeding Institutes

- National Agricultural Institute
- Prefectural Agricultural Institute

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Breeding Objectives

- **Quality** : taste suitable for the region, Low amylose content
- **Resistance to pests and diseases** : Blast resistance, Bacterial leaf blight resistance, etc.
- **Tolerance** : Low temperature, Sprouting
- **High yield potential** :
- **Adaptability** : Direct seeding

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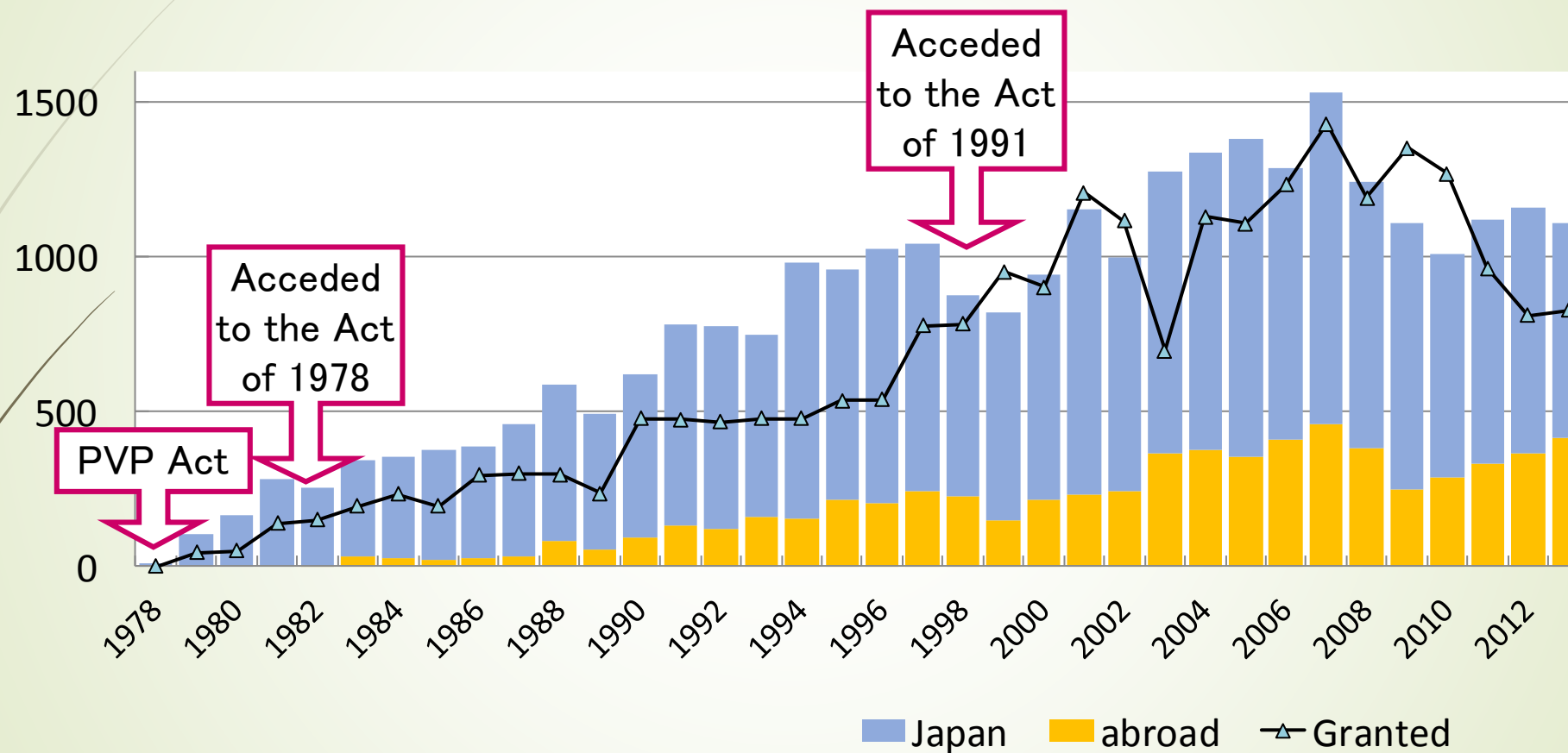
Recommendation list system

Legal basis: Main Crop Seed Act

Who recommend: Each prefecture conducts cultivation trial and select varieties which are suitable for the region.

When the variety is registered to the recommendation list, the prefecture supply qualified seed and technical support for the production of the variety.

Applications and Granted Plant Breeder's Right (PBRs)

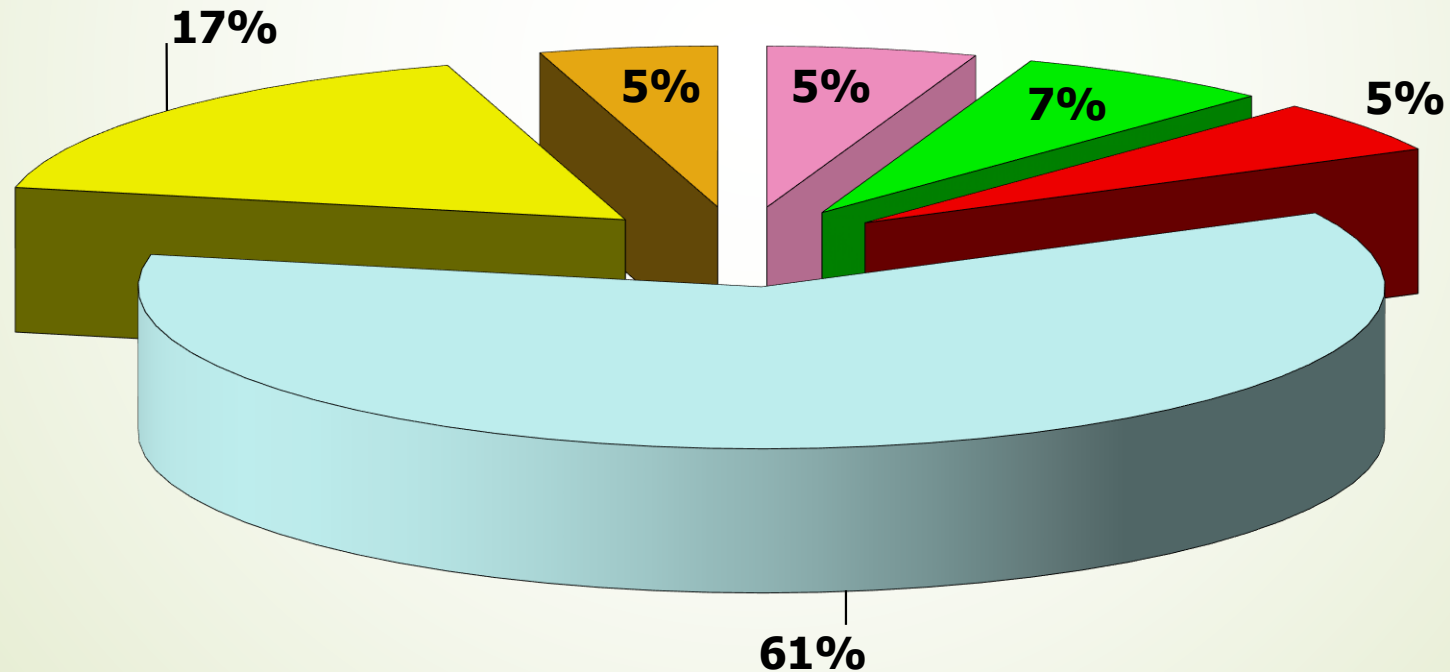


(2013FY) Application(Total): 1, 027 (100%)

// (from abroad) : 414 (40%)

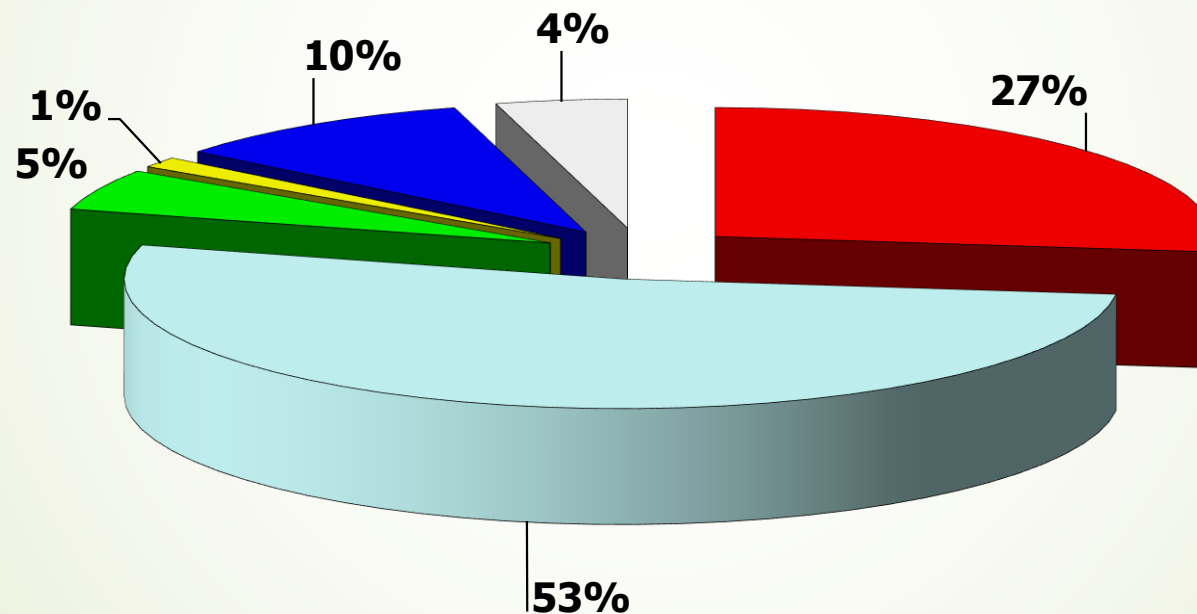
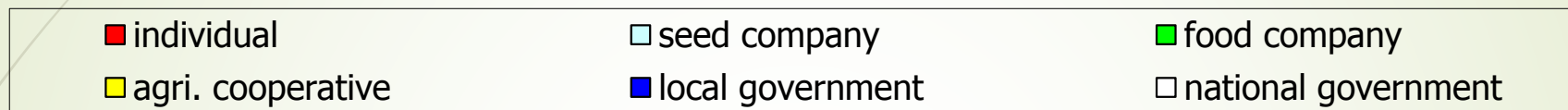
Granted PBRs by Crop

Total Number: 23,385 (~Mar. 31, 2014)



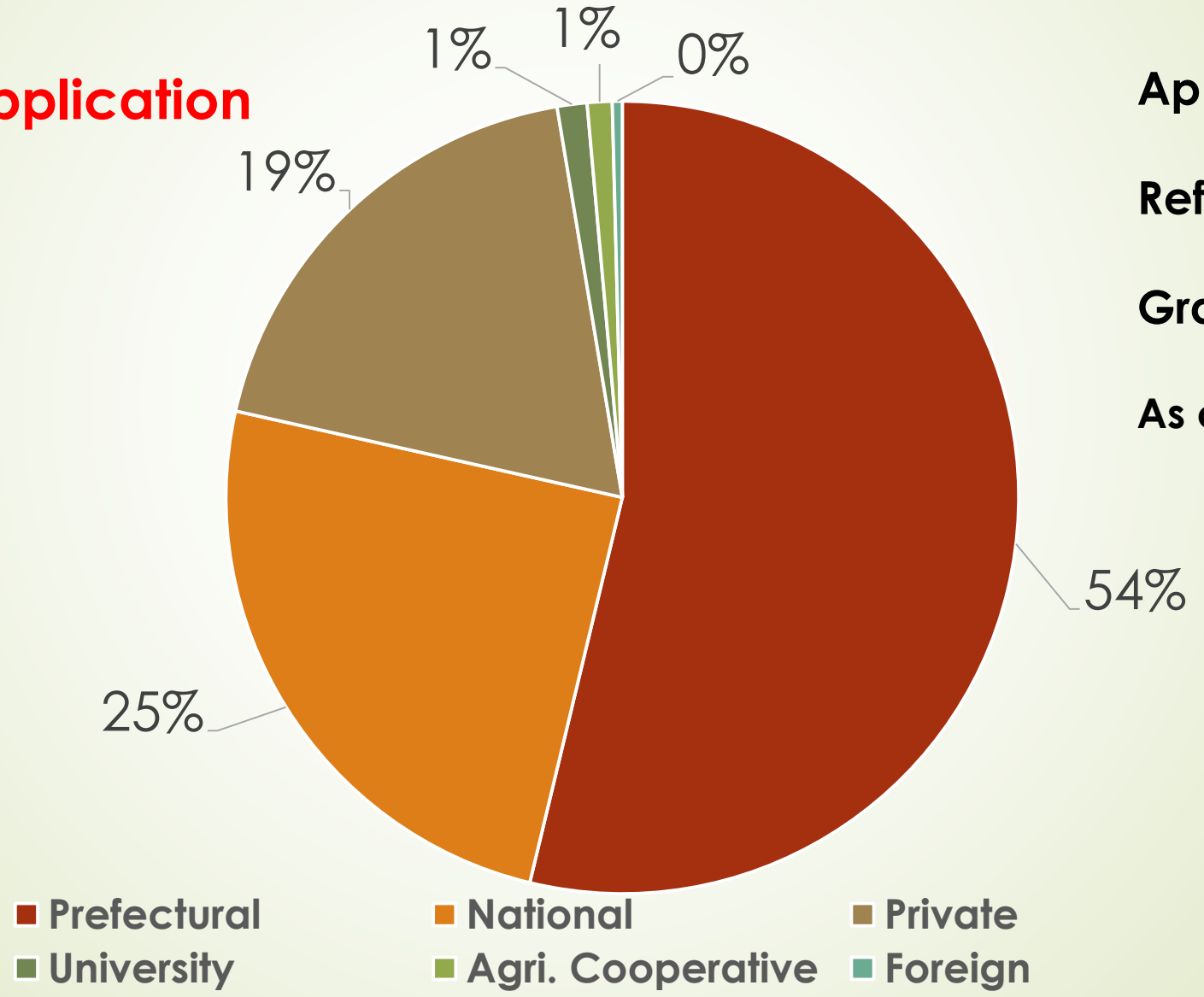
Granted PBRs by Type of Breeder

Total Number: 23,385 (~Mar. 31, 2014)



Applications and Granted PBRs of Rice

Application



Application: 500
Refuse/withdrawal: 7
Grant PBRs: 432
As of March 31, 2014

- Prefectural
- National
- Private
- University
- Agri. Cooperative
- Foreign



Inbanuma,
Chiba Pref.

Large-scale
Paddy field

7.5ha/ one field



Terraced
paddy fields

End

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