

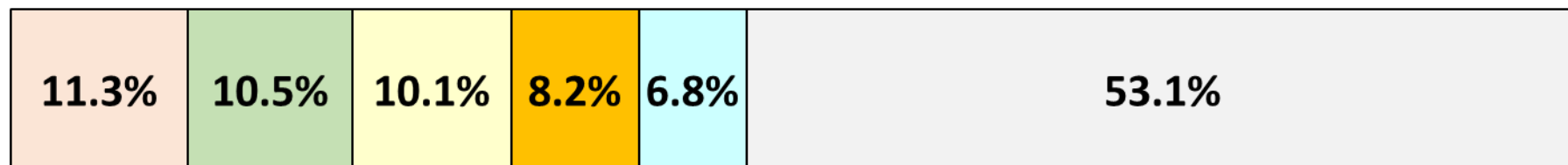
Situation of corn production and breeding in Japan



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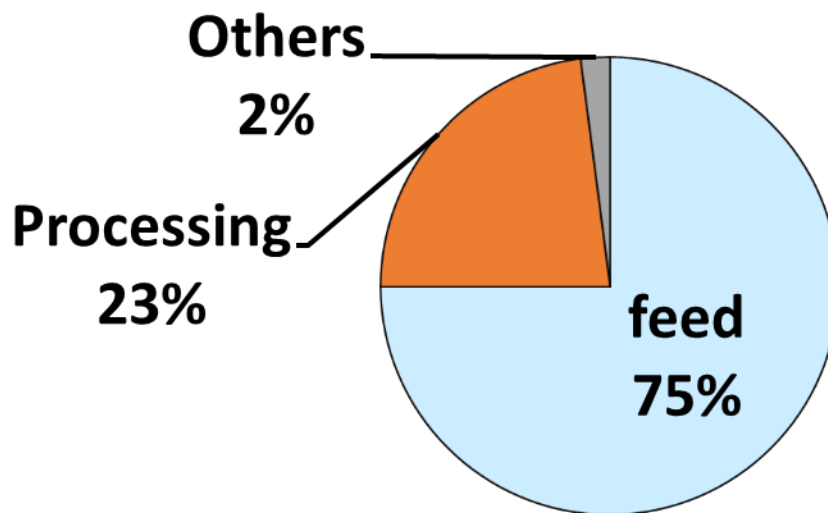
World corn import by country



■ **Japan** ■ **Mexico** ■ **EU** ■ **Korea** ■ **Egypt** ■ **Others**

(USDA: Statistical data on 2016)

Use of corn import in Japan



**Amount of import:
14,731,000 t**

(MAFF: Statistical data on 2016)

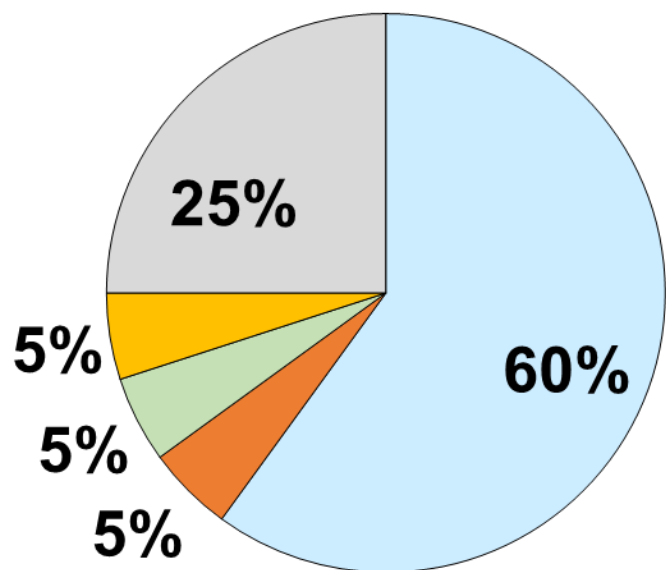
Production area, average yield/10a and production of corn

	Feed	Food (sweet corn)
Production area	92,400 ha	24,400 ha
Average yield / 10a	5,220 kg	1,020 kg
Production	4,823,000 t	249, 500 t

(MAFF: Statistical data on 2015 for feed and 2014 for food)

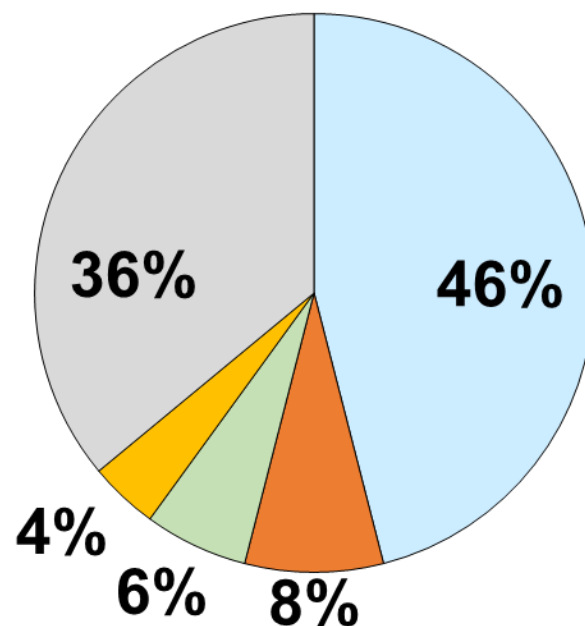
Proportion of production yield by prefecture

Feed



■ Hokkaido ■ Tochigi ■ Miyazaki
■ Iwate ■ Others

Food (sweet corn)



■ Hokkaido ■ Chiba ■ Ibaragi
■ Gunma ■ Others

(MAFF: Statistical data on 2015 for feed and 2014 for food)

- **1930s: The decision of the breeding test place in Japan**
- **1950s: Shift breeding method from mass selection to first final hybrid (F1) using heterosis**
- **1970s: Shift breeding policy from seed use to silage use**

Public institution

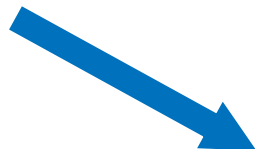
- **For feed (silage)**

Company

- **For feed (silage)**
- **For food(sweet corn)**

Breeding objective

- High-yielding ability
- Disease resistance
- Lodging resistance
- Cool tolerance
- Insect resistance
- Others



(Kyushu Okinawa Agricultural Research Center, NARO:
http://www.naro.affrc.go.jp/org/karc/second_term%20team/Toumorokosi/toumorokosi.html)

Thank you for your attention.

