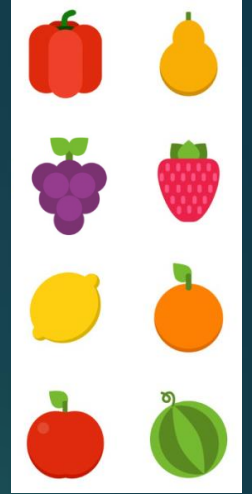
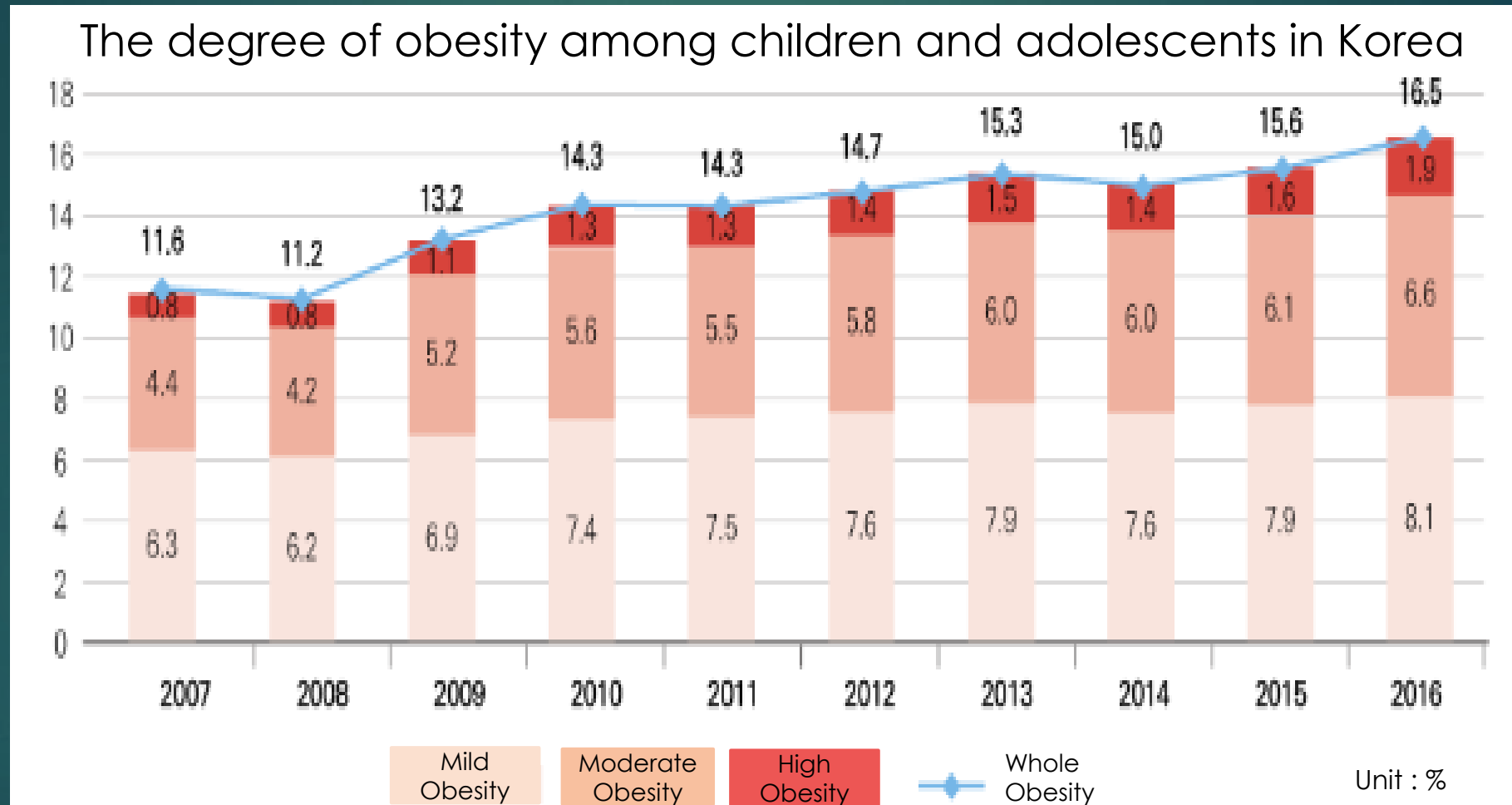


# Fruit snack for the daycare program at primary school



Provision of healthy and locally produced fruits for primary school students during their daycare program at school

# Increased obesity rates in children and adolescents – increased socioeconomic costs

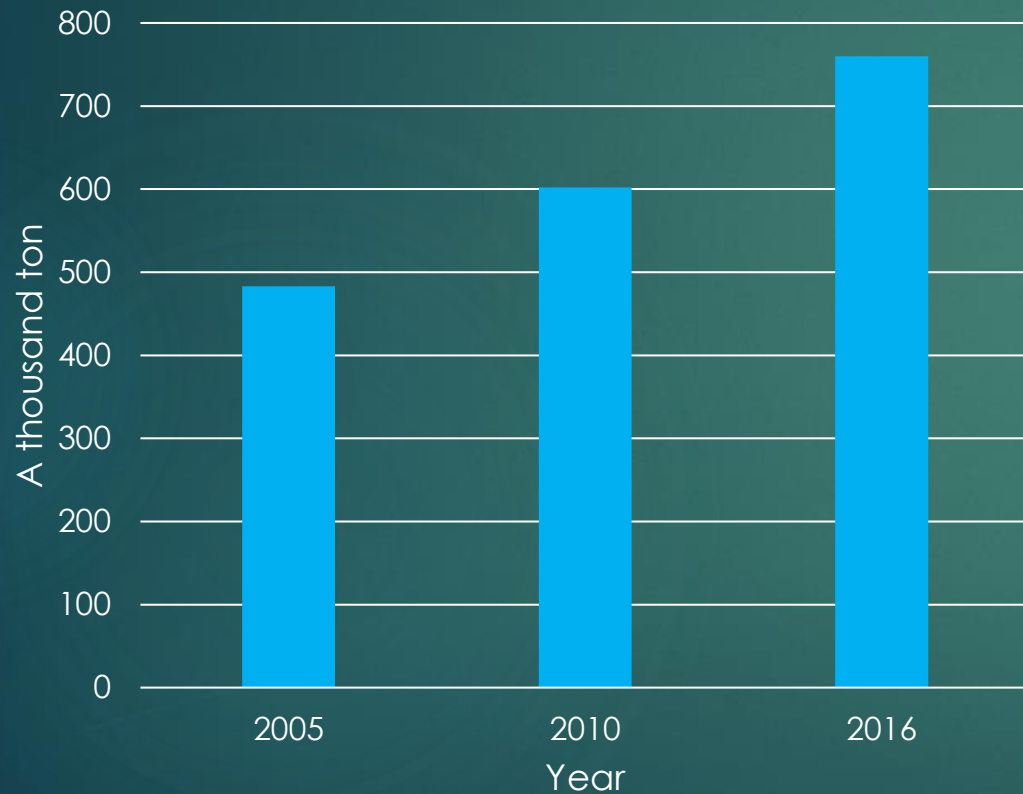


Sources : The Ministry of Education, Press Release of 2016 Student Health Examination Sample Survey Results (2017)

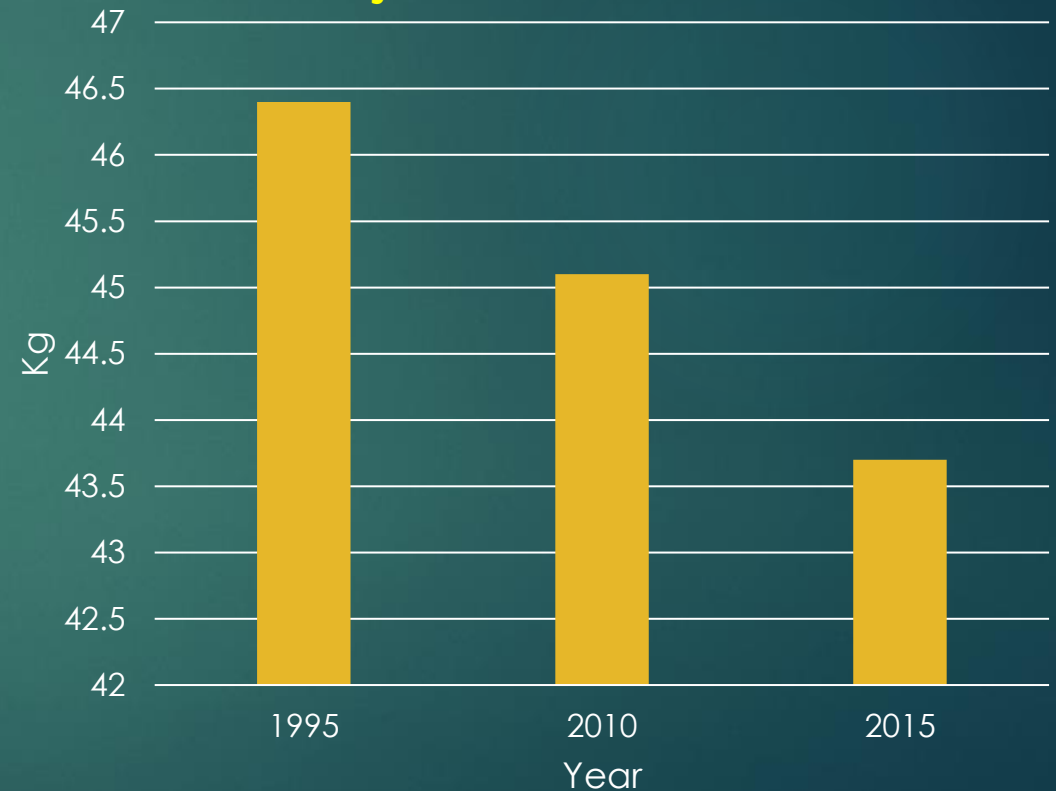
# Expansion of agricultural imports

## – Contraction of domestic fruit consumption

Import of fresh fruits from abroad



Per capita consumption of 6 major domestic fruits



Sources : Ministry of Agriculture, Food and Rural Affairs(MAFRA)

# How to ...



Fruit



Daycare  
Classes

# What is Daycare Class?

- ▶ Supervised by Ministry of Education
- ▶ Time : 13-17 after regular class ends
- ▶ Target : 1st, 2nd, and 3rd graders in primary school
- ▶ Priority : Low-income families, Children raised by grandparents, Single-parent family, Working couples' family



Daycare  
Class

# Selection of fruit processing company

## Public contest of processing companies and announcement of Eligible List

- ▶ Ministry of Agriculture, Food and Rural Affairs open recruitment nationwide (January)
- ▶ Review of processing companies with HACCP certification (February)
- ▶ Announcement of Qualified Companies List (February)

## Selection of processing company

- ▶ 7 GUs and 1 GUN of Daegu City
- ▶ Deliberation Committees : Selection of business operators from among the announced processing companies (March)
- ▶ In 2022, 4 companies were selected (April)



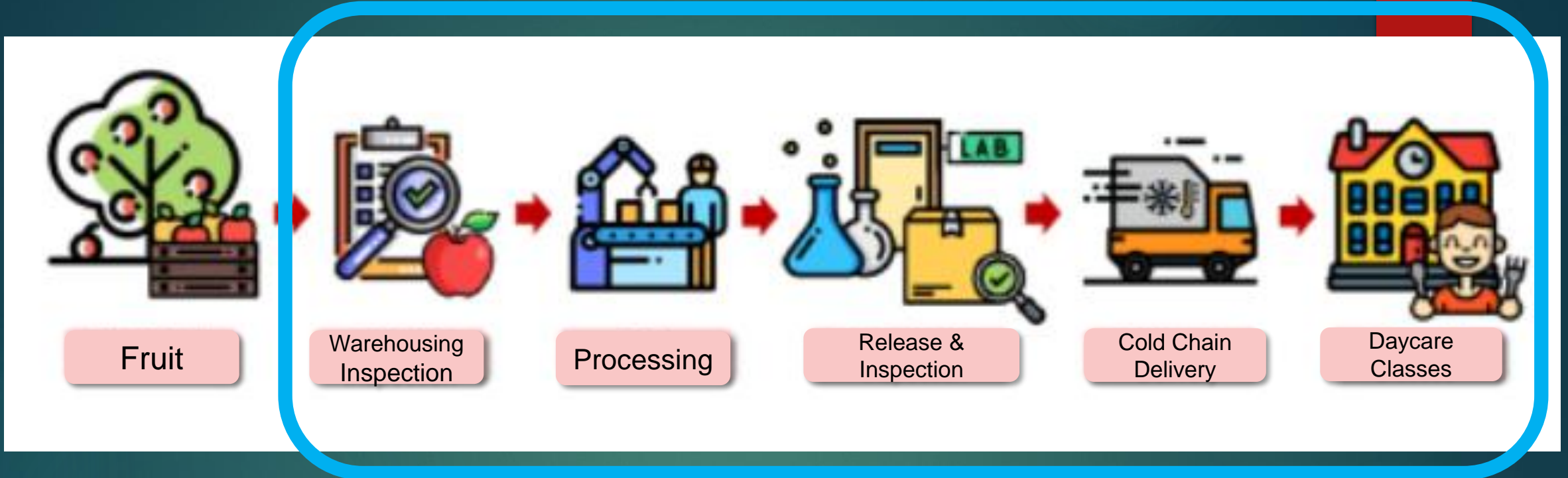
Fruit



- ▶ Eco-friendly (organic or pesticide-free) agricultural products or GAP※ certified agricultural products
- ▶ 7 or more kinds of fruits are provided during the business period, and the same fruit cannot be provided 3 times in a row
- ▶ Local produce recommended

※ GAP : Good Agricultural Practices





- ▶ Processing at HACCP ✱ Certification Facility

✱ HACCP : Hazard Analysis and Critical Control Point

- ▶ Distribution and consumption within 36 hours of washing



# Processing details



## Warehousing Inspection

Inspection with non-destructive  
automatic sorting machine



## Cleaning

Removing foreign substances  
from the fruit surface



## UV sterilization

Sterilization process of raw  
materials

# Processing details



## Automatic cutting

Automatic cutting according to HACCP standards (Size for children to eat)



## Packing

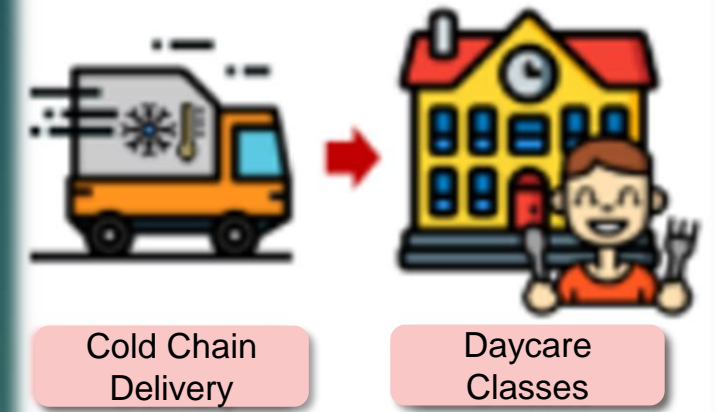
Sanitary packaging according to HACCP standards



## Packing container

Biodegradable eco-friendly materials

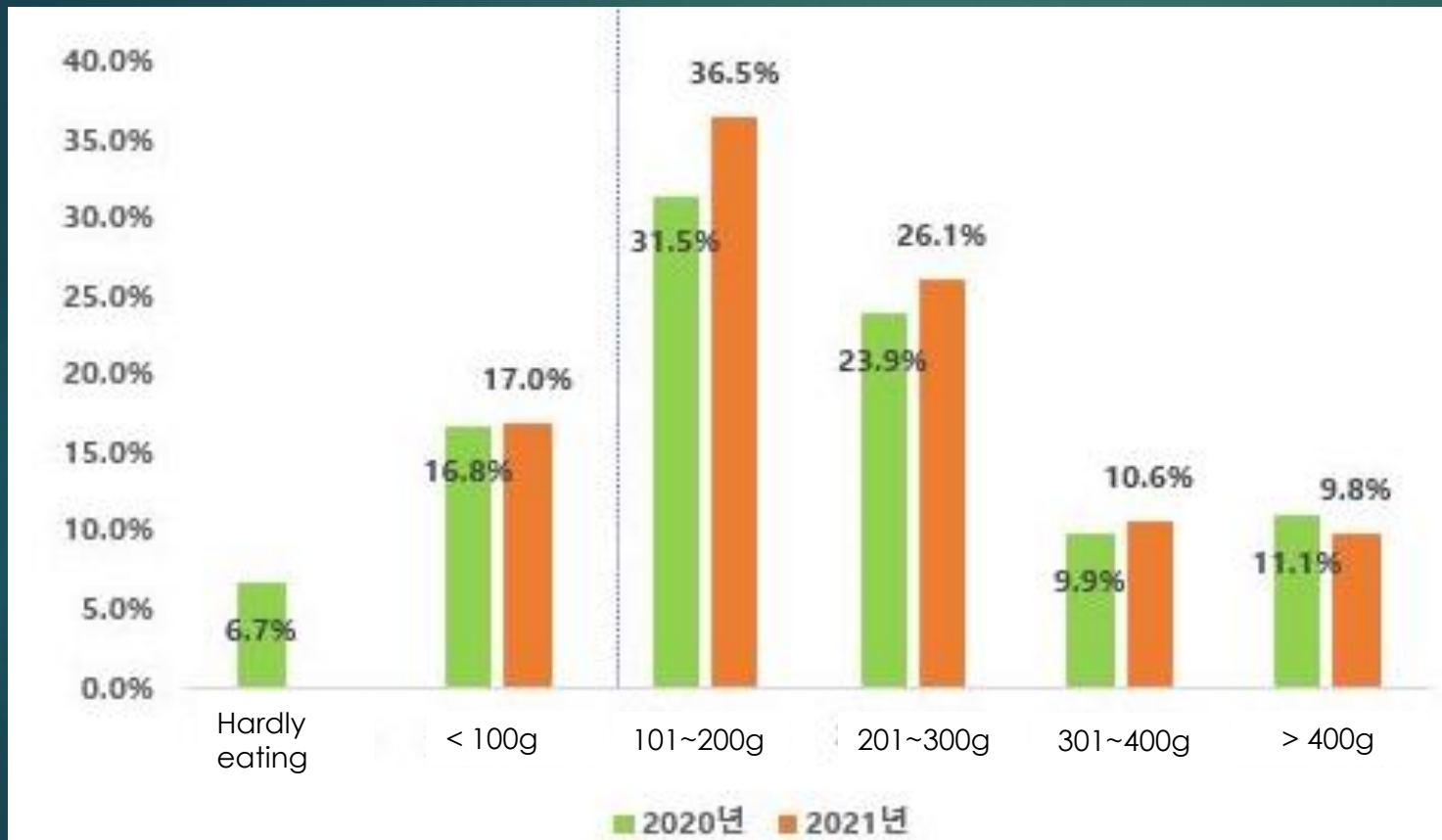
# Cold chain delivery to Schools



- ▶ Twice a week, 150g(€1.5) per person
- ▶ Starting in 2018, 43,485 students from 903 schools participated
- ▶ 11,100 students from 228 schools participated in 2021
- ▶ In 2021, a total of €457,000(\$490,000) was provided, and the ratio of national and local expenses was 50% : 50% respectively



# Changes in fruit intake before and after participation in the Fruit Snack Program



- ▶ Improving Children's Eating Habits – Promoting Health
- ▶ 92% of parents and 85% of teachers recognize the effect of improving children's eating habits
- ▶ 96% of parents are positive about the need to expand this business

Sources : Ministry of Agriculture, Food and Rural Affairs(MAFRA)

# Results and expected effects

- ▶ Securing stable local consumers of locally produced fruits
- ▶ Contribute to sustainable growth of fruit industry by securing future customers who enjoy eating locally produced fruits

익거리

- ▶ Contribute to the growth of related industries, such as fostering processing companies that have HACCP certification and creating jobs
- ▶ Helps students grow into healthy adults by improving their eating habits

초등학교

과일간식 제공해요.

+ Thank you +

감사합니다

(gamsa hammi da)



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