

COOPERATION TO REDUCE FOOD WASTE

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Brief History of Homemakers United Foundation



- HUF started at 1987, established on 1989.



- Board members: **FEMALE** oriented



- Our main jobs: public education, launch campaign, policy advocacy and life practice.



- In 2001, we founded Homemakers Union Consumers' Co-operative (HUCC) .



After 30 Years, We become a Big Family

HUF

Staffs
13

Volunteers
120

Supporters
20,000

HUCC

>70,000
Families

159 Famers &
191 Producers

54 co-op stores
>300 group buying units



COLLECTIVE BUYING

To practice
green consumption
in daily life,
to maintain
the sustainability
of the earth





The characteristics of HUCC

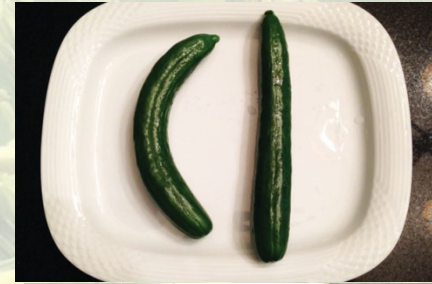
- We serve **OUR MEMBERS** only.
- Every member should attend one-hour orientation.
- All vegetables and fruit are local products.
- All products are eco-friendly, such as using sustainable agriculture farming, organic farming, etc..





Cooperation to reduce food waste

- **Member education & Employee meals**
 - Appearance and overripe
 - Overproduction
 - Nearing shelf-life
- **Planned consumption**
 - Pre-order system
- **Saving crops damaged by typhoons**





Member education





Employee meals



Planned consumption

- A basket of vegetables
- **Pre-order system for festivals**
 - before 2015
 - Predict quantity by using previous year's data
 - pre-order: 2 Months Before (10% off)
 - Delivery & On shelves (no discount)





The problems in 2014



Mooncakes left

2,100 Boxes



Giving gifts to others



Chinese New Year Products
(Cooked food) left

4,500 packs



10% off
on Apr



20% off
on Aug-Sep





Pre-order & not on shelves

- Starting from Moon Festival, 2015
- Not on shelves
- pre-order: 3 Months Before (No discount)
- Quantity determined by member's orders

節慶預購品

依每年製作、節慶時間狀況，預購及取貨時間有所調整，依當年度實際公告為主。

母親節

- 蛋糕品項
- 3月預購
- 5月取貨



端午節

- 各類粽子
- 4月預購
- 5~6月取貨



中秋節

- 月餅、禮盒
- 7月預購
- 9月取貨



農曆春節

- 年節大菜、米食糕類、部分零食
- 11月預購
- 1月取貨





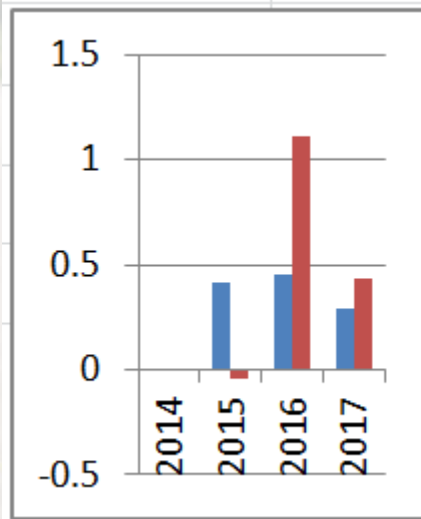
Differences between 2014 & 2015

Pre-order Project	Consumers	Products
Mid-Autumn Festival	↑ 41.2%	↓ 4.0%
Lunar New Year	↓ 3.4%	↑ 10.9%
Mother's Day	↑ 52.7%	↑ 90.3%
Dragan Boat Festival	↑ 66.1%	↑ 58.3%

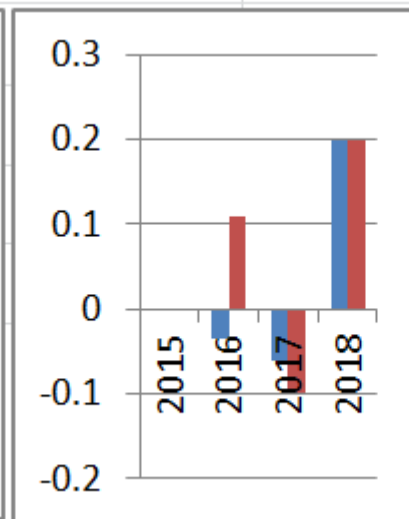




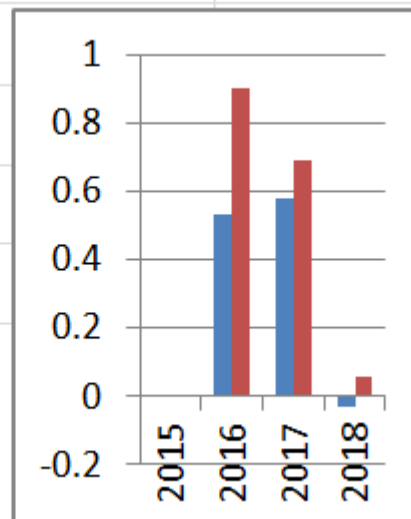
Mid-Autumn Festival



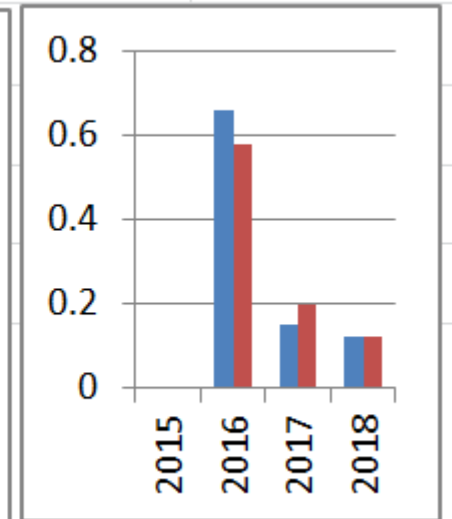
Lunar New Year



Mother's Day



Dragon Boat Festival



2015: member's awareness
2016: fear of missing out
2017: rational consumption





Green papaya



Recipes from members

百香青木瓜

食譜提供：社員 姜淑禮

■材料：青木瓜1顆、鹽、糖少許、百香果適量

■作法：

1. 青木瓜刨成薄片，以少許鹽漬後擠出水分以去除苦澀。
2. 加入新鮮百香果和適量糖，均勻攪拌後放入冰箱。
3. 靜置約1個小時，就可以享用酸甜的好滋味！

泰式涼拌青木瓜

食譜提供：社員 施淑華

■材料：青木瓜1顆、紅蘿蔔半條、鹽、砂糖少許、檸檬汁、花生粒適量

■作法：

1. 木瓜、紅蘿蔔刨絲，以少許鹽漬後擠出水分以去 除苦澀。
2. 拌入蒜末、砂糖、檸檬汁。
3. 醃半小時後灑入花生碎粒，即可享用。

青木瓜龍骨湯

■材料：青木瓜1顆、龍骨500公克、枸杞適量、鹽2小匙、米酒1大匙、薑片2片。

■作法：

1. 以滾水汆燙龍骨，去除血水與腥味。
2. 將青木瓜切塊，枸杞洗淨。
3. 將龍骨、木瓜、枸杞與薑片等材料放入電鍋內鍋，水加至八分滿，放入鹽巴與米酒。
4. 外鍋二杯水，燉煮約40-50分後，悶鍋約10分鐘即可。若沒有電鍋，可以先大火煮滾龍骨與薑片，改小火燉煮約15分鐘，再放入青木瓜，以中小火煮約15-20分鐘，至木瓜熟透即可，以少許鹽調味即完成。

Pre-harvest sprouting of wheat

- Sprouting rate $>20\%$
→ animal feed
- Sprouting rate $<10\%$
→ noodles





Save 8.1tons PHS wheat

From July 4 to OCT 8, 2016

	Whole wheat noodles	Rice-wheat noodles
PHS wheat per pack	300g	147g
TOTAL of packs	18,541	17,263
TOTAL of PHS wheat	5,562 Kg	2,538 Kg



We save a total of 8.1tons of pre-harvest sprouting of wheat.

