



Research and extension of animal products in Taiwan

Animal Products Processing Division
Livestock Research Institute

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Outline

- Background
 - Culture and eating habits in Taiwan
 - Production and consumption of animal product
 - Animal Products Processing Division in LRI

- Strategy of R&D
 - Foods to enjoy : Refined and Upscale
 - Foods to Go : Ready to eat
 - Foods to Health : Clean Label and Sustainable Food

- Conclusion

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Self-sufficiency rate / output value of major animal product in Taiwan

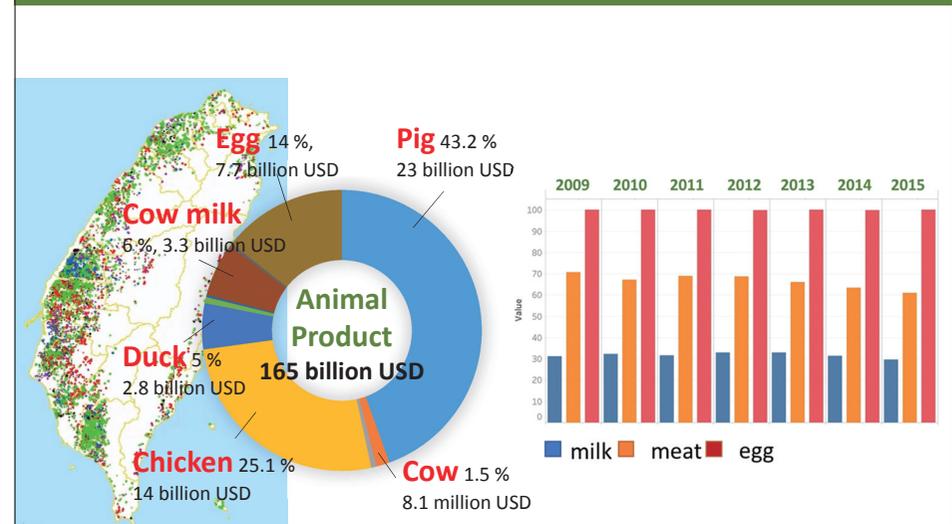


Fig. Output value of animal product in Taiwan, 2016

Fig. Self-sufficiency rate of major animal product in Taiwan

Small eats, Big things!
The culinary philosophy in Taiwan is simple. Eat often and eat well. Small eats -- but lots of them -- are the big thing here.
By CNN staff

1. Taiwan: 8,242 votes

45 Taiwanese foods we can't live without
From mountains of flavored shaved ice to chicken cutlets as big as your face, Taiwanese eating always comes with superlatives.
By Maggie HuiFu Wong 29 January, 2014

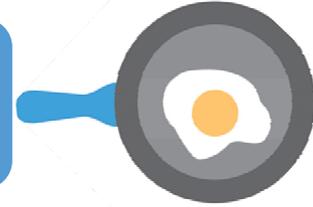
The island's food is a mash-up of the cuisine of the Min Nan, Teochew and Hokkien Chinese communities, along with Japanese cooking.

<http://edition.cnn.com/2015/06/14/travel/world-best-food-culinary-journeys/>

Strategy of R&D in LRI



FOODs
TO GO



FOODs
TO
ENJOY

FOODs TO REUSE



FOODs
TO
HEALTH

Animal products processing division

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 FAX : (08)8661345

Improvement of traditional meat product

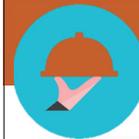


Chinese dry-cured ham



- The traditional raw cured meat product made from pork leg
- Long salting and curing periods
- Using the refrigerating equipment to avoid the effect of weather

Development of Western meat product

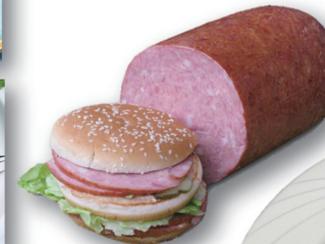


Emulsified products

Semi-dried emulsified sausages



Cooked salami slice for hamburger



Cooked salami sticks



Cooked salami for pizza



Development of Western meat product

Smoked goose roll

Smoked duck steak

Mechanical deboned chicken jerky

Seasoning chicken jelly meat

Foods to GO! Enrichment of instant sauce packet

Wined boneless chicken thigh

Wined goose breast

Silkie fowl with Chinese herb

Foods to GO! Ready to eat moisture jerky

Duck jerky

Meat jerky

Venison jerky

Foods to GO! Native goat meat with Chinese herbs

Goat meat with wine and Chinese wolfberry

Goat meat with Angelica sinensis

Goat meat with dodder

Goat meat with yam

Goat meat with curry

Goat meat with broad bean paste

Foods to GO! Microwaveable precooked products

宏翔食品
★美味新主張★
橙香檸檬口味 雞肉

內容物：雞肉、紅辣椒、馬鈴薯、番薯、檸檬汁、蒜末、天然調味料。
淨重：200g
保存期限：冷凍保存6個月
有效日期：標示於封口處
食用方法：微波爐中加熱5-7分鐘或滾水加熱8分，加熱後即可使用，配飯配麵，風味更佳。
工廠住址：高雄縣橋中鄉中山路二段二號17號21樓
電話：07-6904567
傳真：07-6901515

※ 不添加防腐劑、色素 ※

Foods to Health! Meat product of anka (*Monascus purpureus*)

Foods to Health! Low-fat and high-fiber products

Foods to Health! Phosphate free meat ball

Salt, Sugar, Pepper only

Control the temperature and mixing force

FOODS to Reuse! Poultry by-product added-value



Essence of turkey



Chinese herb pill of chicken

FOODS to Reuse! Extract collagen peptide from chicken cartilage



Fruit-flavored collagen peptide solution



Collagen peptide powder

FOODS to Reuse! Utilization of salted egg white liquid

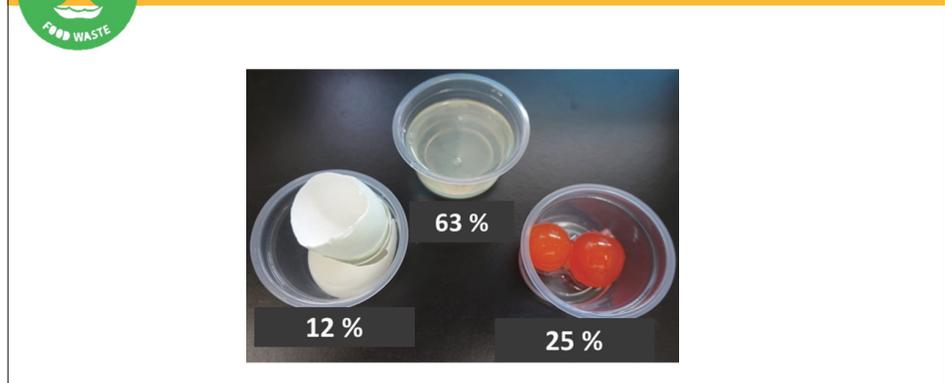


Chinese mooncakes



A salted duck egg is a Chinese preserved food product made by soaking duck eggs in brine, or packing each egg in damp, salted loess slurry .

FOODS to Reuse! Utilization of salted egg white liquid



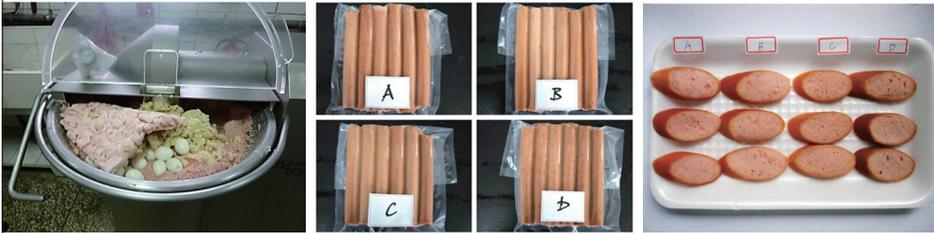
Contain **6-8% sodium chloride**
How to utilize the salted egg white liquid?



FOODs to Reuse! Utilization of salted egg white liquid

Egg-flavored frankfurter sausage

was developed by added Pidan and salted egg white (Lin, 2010)



Miso and soy sauce like seasonings-

containing salted egg white and soy bean under fermentation process

Wu (2011)



FOODs to Reuse! Utilization of salted egg white liquid

A novel product, salted egg white sufu (simulated fermented bean curd)

Chen (2012)



Dried salted egg white jerky (simulated soybean curd jerky)

Chen (2015)

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Thank you for your attention!

