







A Descriptive Language for Table Olive Flavours

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Having a consumer oriented research and product development is important in today's market.....



Changing shift in today's consumer trend......

The latest census found that only slightly more than half of Australia's residents today have two Australian-born parents and more than one in four Australian residents were born overseas.

This shift in the population make-up also means a shift in shopping habits, preference, behaviours and expectations, as well as a influence and purchasing power towards ethnic-Australian consumers.

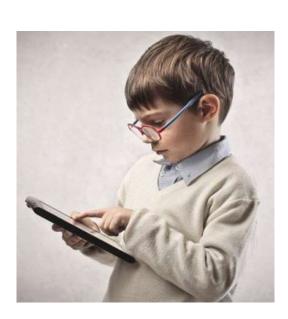
Consumers consistently seeking value and variety- change in consumer shopping behaviour



Traditional



Online





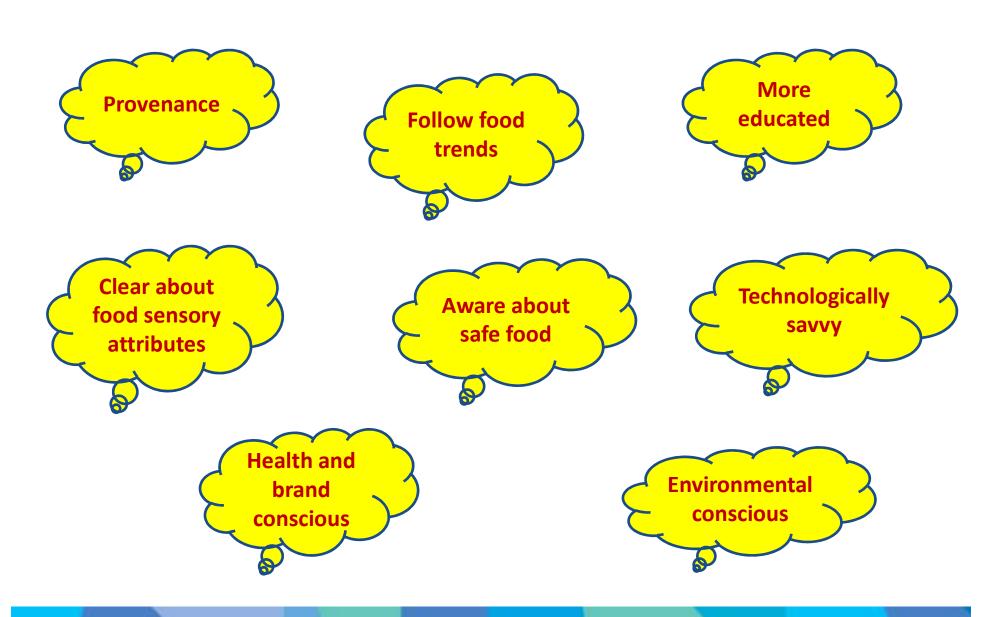
Harnessing Provenance- telling the story of where the food came from



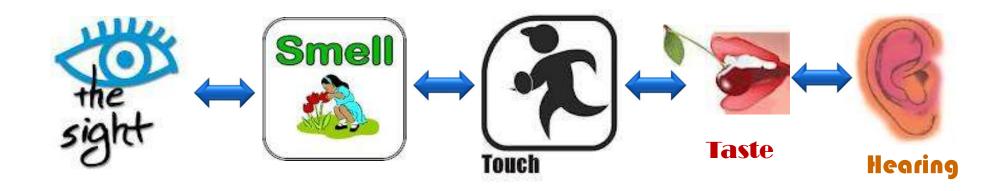




Today's consumer is......

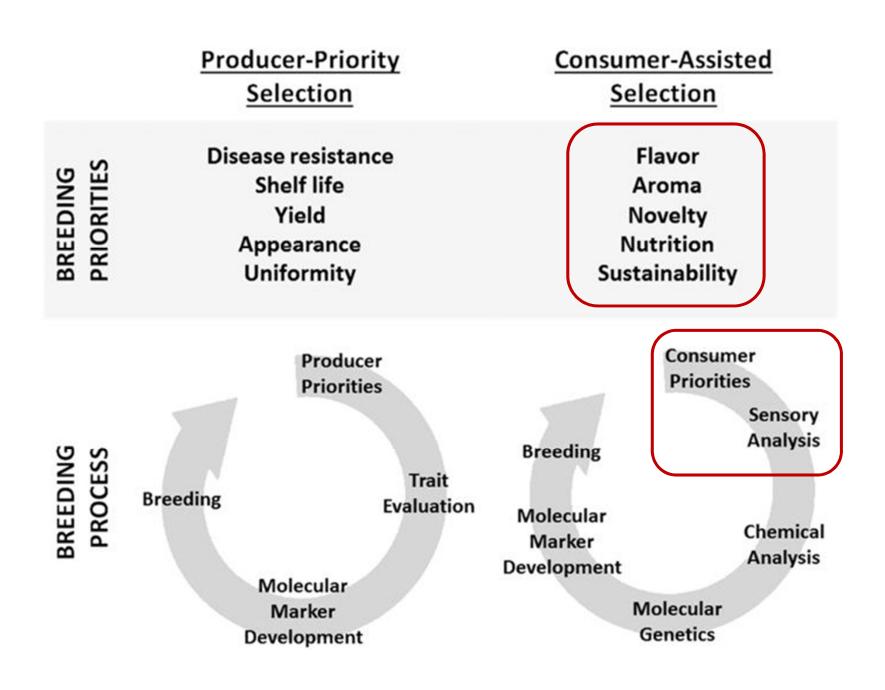


What is sensory evaluation?



- **Appearance**
- Shape
- **❖** Colour
- ***** Consistency
- Odour
- Volatile molecules
- Tactile sensation
- **❖** Sweet
- **❖** Sour
- **❖** Bitter
- **❖** Salty
- Savoury

- Crunching
- Crackling
- Popping
- Bubbling



Understanding Wine sensory descriptors- Diversity in the sensory attributes





What is the best way to describe and appreciate Australian table olives?











Consumer Survey

Sensory **Evaluation** Consumer **Testing**



Now I got the perfect match!!!





BLACK RIPE OLIVES

Enjoyable any time of dayeither as a quick daytime snack or with an elaborate evening meal. Also try

SLICED BLACK RIPE OLIVES

for complementary flavor.

STUFFED OLIVES

Combine almost any food with this Mediterranean favorite for delicious and creative flavor.

NATURAL AND SEASONED OLIVES

Green, black and colored olives taste delicious with their natural flavors.

GREEN OLIVES STUFFED WITH PIMIENTO

Commonly used for hors d'oeuvres and work well with sharp cheeses.

SPANISH GREEN OLIVE

This year-round favorite is flavorful enough to stand alone, yet adaptable to make any dish more memorable.

QUEEN OLIVES

When pitted, can be used for stuffing, cooking or just plain old snacking.



Look for the logo!

Sensory methods

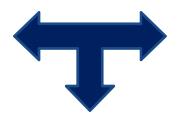
Effective Testing

- ***** Objective facts
- **❖** Trained Panel: 8-12

Affective Testing

- **Subjective** preferences
- **❖** Untrained panel: >50

Descriptive Analysis

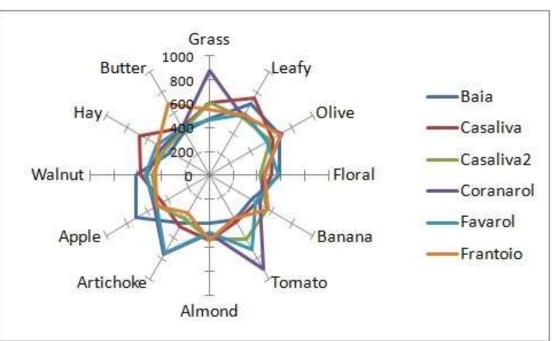


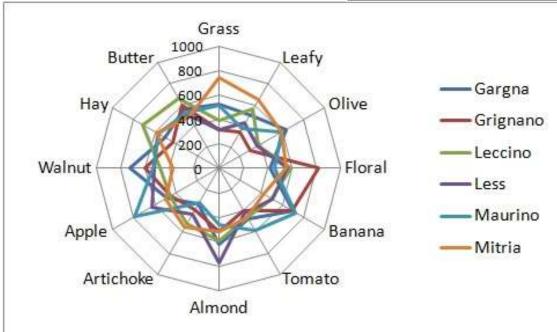
Consumer Evaluation

Flavour Preference Map



Multidimensional sensory flavour profile







AIOA Table Olive Classes 2018

9	Class 11: GREEN OLIVES Plain, whole olives only, no added flavours. In Brine.	Class 16: DRIED OLIVES Sun, salt and heat dried olives, including spiced and pitted
	Class 12: MEDLEY of OLIVES Plain, whole olives only, no added flavours. In Brine.	Class 18: SPECIALTY OLIVES Spiced and specially treated olives with declared country of origin ingredients
	Class 13: OLIVES TURNING COLOUR & BLACK OLIVES All varieties EXCEPT KALAMATA OR California ripe processed. Plain whole olives only, no added flavours. In Brine.	Class 18(a): – flavoured WITHOUT garlic and/or chilli. Class 18(b): – flavoured WITH garlic and/or chilli.
20	Class 14: KALAMATA OLIVES Plain whole olives only, no added flavours. In Brine.	Class 18(c): PITTED OR STUFFED OLIVES Olives pitted or stuffed with declared country of origin ingredients.
	Class 15: WILD OLIVES Small in size, variations in colour permitted, whole olives only. In Brine.	Class 19: TAPENADES Olive tapenades – various recipes.

A description example

	Things to look for	Comments
Appearance	Blemish (does the olive appear blemished?)	Clean unblemished fruit characteristic of the
	The state of the s	Kalamata olive
	Colour (is the olive colour appealing?)	Appealing purple colour
Aroma	First impression - appealing or unappealing	Appealing intense floral aroma
	aroma? Aromatic, floral? Intense or subdued?	
	Malodourous - abnormal fermentation –	No abnormal aroma
	putrid, butyric, Zapateria (rotten leather)	
	Winey-vinegary, nail polish solvent	
Flavour	Evidence of off flavours – rancid, musty,	No off flavours
	cooked, soapy, metallic, earthy, acidic	
	Does the exhibit have any specific olive	Pronounced olive flavour, with well-balance
	flavours?	bitterness.
	What are the levels of bitterness (minor to	
	overpowering?	
	Evidence of other flavours including varietal, preservation (vinegar, oil), added flavourings	
	(citrus, garlic, chili, herbs)	
	Flavour balance,	Well balanced flavours and aroma with
	Flavour transference - does the aroma match	lingering flavours
	the flavour?	Inigering navours
	Length of flavour (short to lingering)	
	Saltiness, slight, just right, too salty	Saltiness and acidity just right
	Acidity - slight, just right, high	
Texture	Hardness - finger squeeze test – soft, firm,	Firm texture, good skin thickness
	hard?	
	Bite test – skin thickness – tough, resistant,	
	fine	
	Chewing test - flesh texture- smooth, mushy,	Smooth even mouthfeel with moderate
	granular, lumpy, fibrous	crunchiness
	Crunchiness – low, moderate, high?	
	Ease of flesh removal?	Generous fleshy olive that easily bites away
	Flesh-to-pip ratio, lean, fleshy?	from the pip



Final tasting comment:

Attractive purple coloured fruit with no blemishes. Clean floral aroma flowing onto the palate with intense olive flavour and balanced saltiness. Well balanced flavours and aroma with lingering flavours. A firm texture with good skin thickness, moderately crunchiness and generous flesh. The lingering mouthfeel is smooth with balanced bitterness and acidity.

An example of "Green Table Olive"- Sample D



Appearance

appealing turning unblemished fruit even spots Size slight blemishes blemishes variation colour light green mostly olive good small smallish pale uniform

Aroma

slightly pleasant fresh Mild Olive vinegar aroma odour intense Winey unpleasant vinegary unappealing

Texture

pip fibrous pit low skin tough ratio crisp flesh pit ratio firm difficult flesh texture large crunchy crunch good removal lean olives hard

Taste/Flavour

salt taste overpowering lacking olive flavour acidic bitterness slightly bitter low flavour salty olive fruit saltiness balance

"Green Table Olive" - Sample E



Appearance

brown medium small pale good wrinkles green frost damage

blemishes shrivelled Colour variable size variety

Olives white fruit yellow unappealing large

pleasant palate saltiness quite Olive flavour earthy salty

Aroma

bitterness slightly salty nice balance bitter flavour salt good acceptable taste olive

Texture

olive crunch chewy removal lean ratio pit hard texture mushy firm

ratio flesh bite good soft skin easy crunchy flesh removal lean pit ratio tough skin

Taste/Flavour

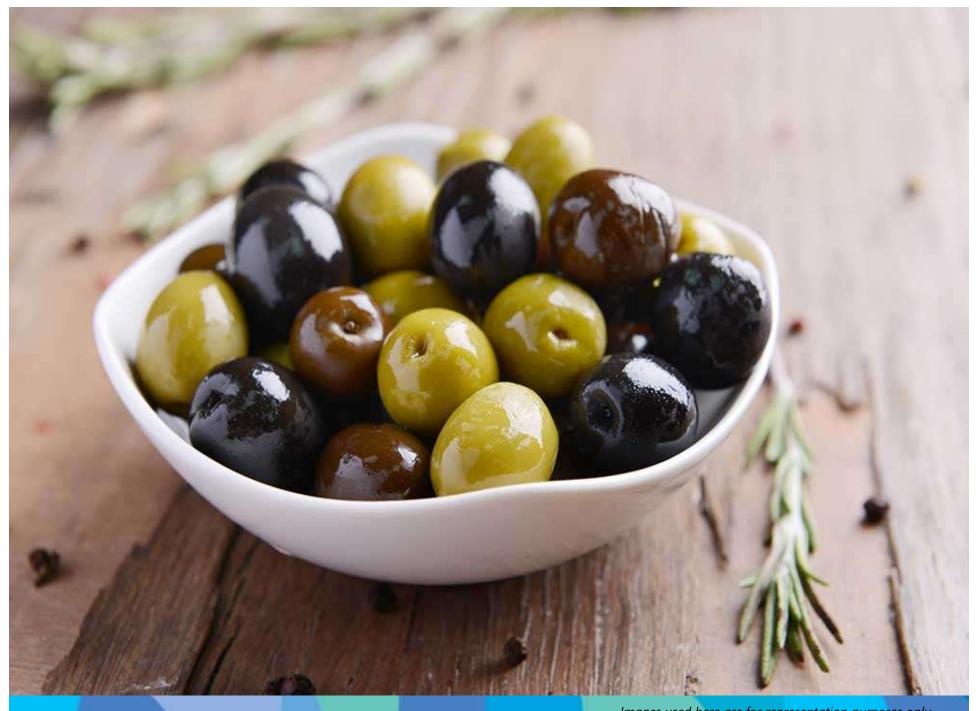
clean fermentation smell brine Olives pleasant aroma winey appealing unappealing vinegary odour vinegary odour intense vinegar











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