



**ADDENDUM A:**

**QUANTITATIVE DESCRIPTIVE ANALYSIS, SENSORY EVALUATION FORM**

**Sensory evaluation of sweet potatoes**

**2 – 8 June 2006**

**Name:..... Date..... Code.....**

<b>AROMA</b>	<b>None</b>	<b>Hint</b>	<b>Slight</b>	<b>Weak</b>	<b>Moderate</b>	<b>High</b>	<b>Very High</b>	<b>Extremely</b>
Earthy	1	2	3	4	5	6	7	8
Sweet potato	1	2	3	4	5	6	7	8
Burn	1	2	3	4	5	6	7	8
<b>TEXTURE</b>	<b>None</b>	<b>Hint</b>	<b>Slight</b>	<b>Weak</b>	<b>Moderate</b>	<b>High</b>	<b>Very High</b>	<b>Extremely</b>
<b>Initial impression: squeeze sweet potato between fingers, holding it on the skin side</b>								
Moistness (visible on surface)	1	2	3	4	5	6	7	8
Firm (retain shape)	1	2	3	4	5	6	7	8
<b>First bite</b>	1	2	3	4	5	6	7	8
Denseness	1	2	3	4	5	6	7	8
Moistness	1	2	3	4	5	6	7	8
<b>Mastication</b>								
Fibres (with fork)	1	2	3	4	5	6	7	8
Adhesive (pasty)	1	2	3	4	5	6	7	8
Grainy (tongue on palate)	1	2	3	4	5	6	7	8
<b>FLAVOUR</b>	<b>None</b>	<b>Hint</b>	<b>Slight</b>	<b>Weak</b>	<b>Moderate</b>	<b>High</b>	<b>Very High</b>	<b>Extremely</b>
Vegetable sweet	1	2	3	4	5	6	7	8
Sweet potato	1	2	3	4	5	6	7	8
Yellow vegetables (butternut/pumpkin/carrot)	1	2	3	4	5	6	7	8
<b>AFTER-TASTE</b>	<b>None</b>	<b>Hint</b>	<b>Slight</b>	<b>Weak</b>	<b>Moderate</b>	<b>High</b>	<b>Very High</b>	<b>Extremely</b>
Vegetable sweet	1	2	3	4	5	6	7	8

Comments:

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**ADDENDUM B: CONSUMER QUESTIONNAIRE**

Evaluation form for sweet potatoes.

Date:.....

Name:.....

Age:.....

Which town do you live in?.....

Income	1000 - 2500	2500 - 4000	4000 - 6000	6000 +
√ the appropriate block				

**1. COLOUR:** Do you like the colour of the orange-fleshed sweet potato?

Place a √ in box in the appropriate block.



Like a lot



Like a little



Neither like  
nor dislike



Dislike a little



Dislike a lot

**2. TASTE:** Please taste the product on the **left first**. You must taste **both** products. Which **one** do you prefer? Please choose one. Place a √ in the box above the number you prefer.

471

863

**3. PURCHASE INTENT:** Will you **buy** the orange-fleshed sweet potato?

Please √ appropriate block



**Yes**



**No**

**Thank you for participating**

## ADDENDUM C: PHOTO GALLERY

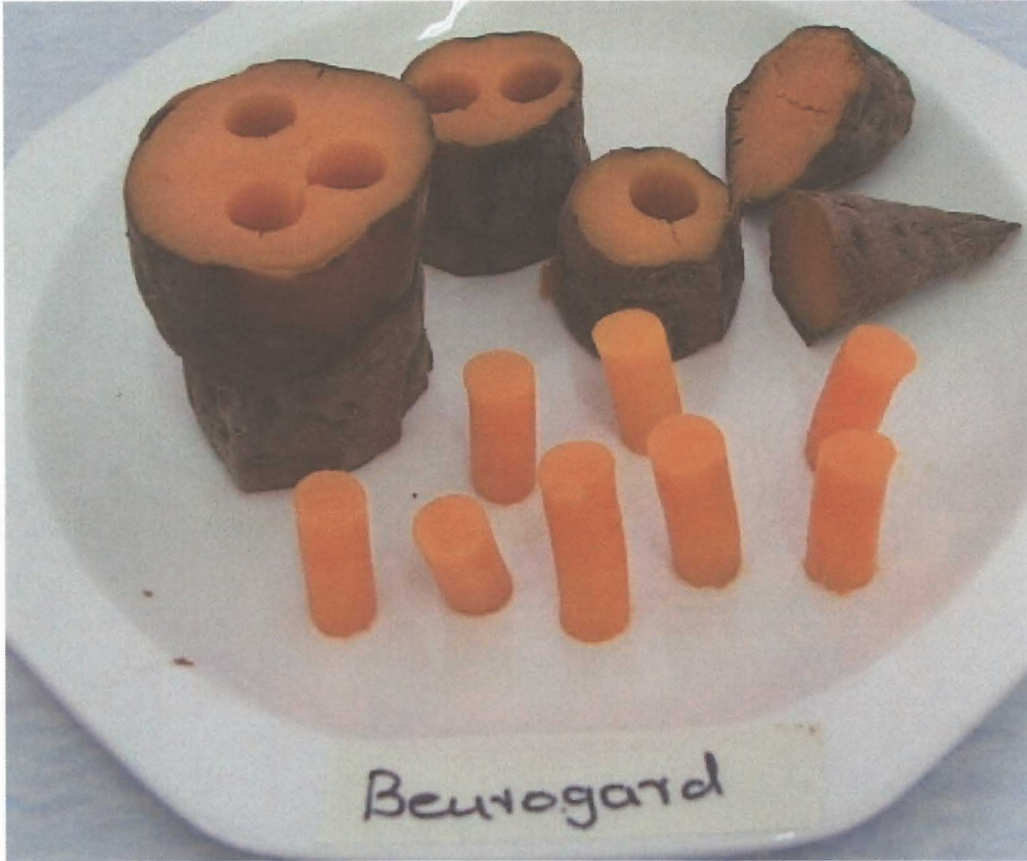
### Cultivars tested





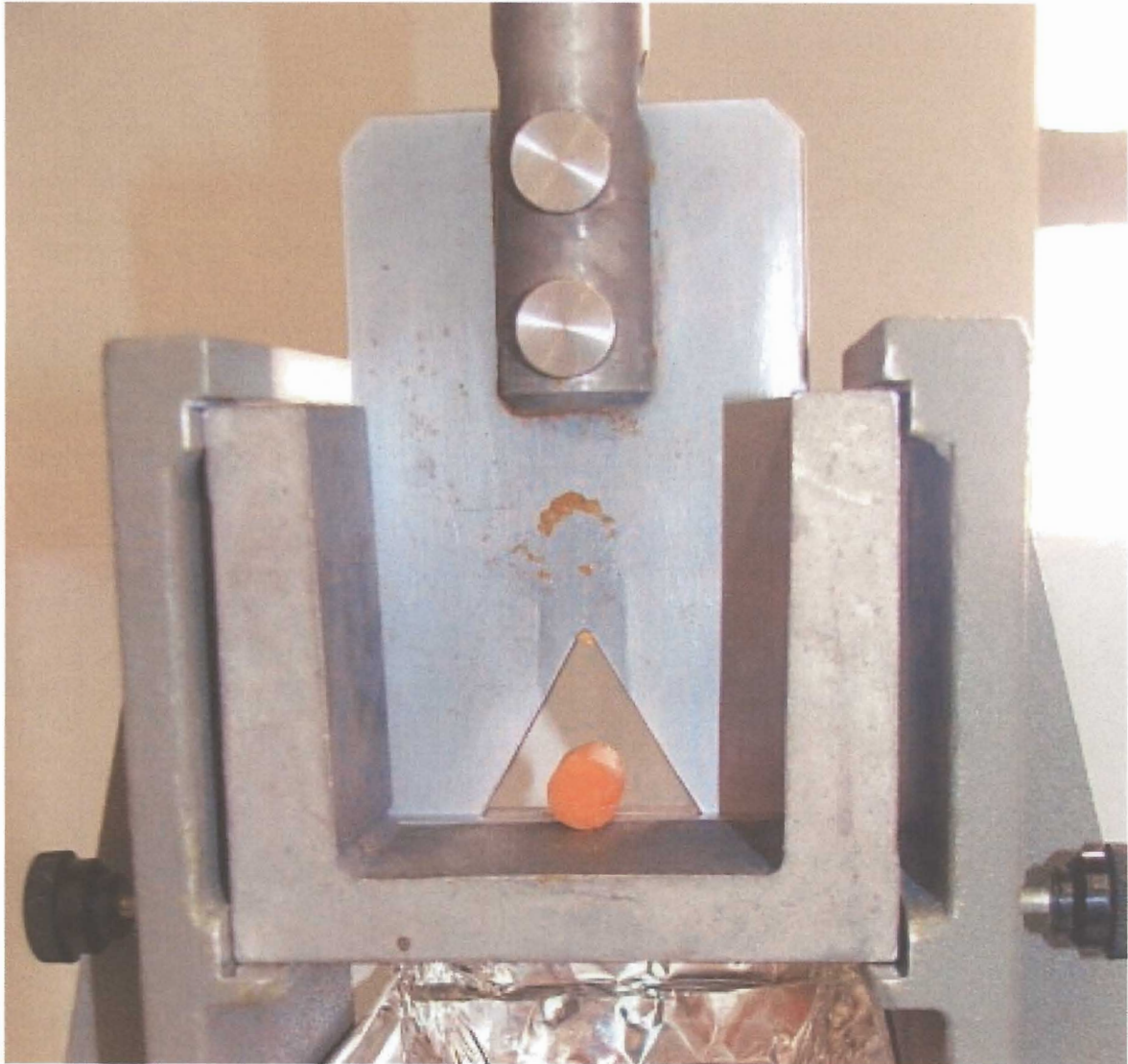


### Sample preparation for Instron

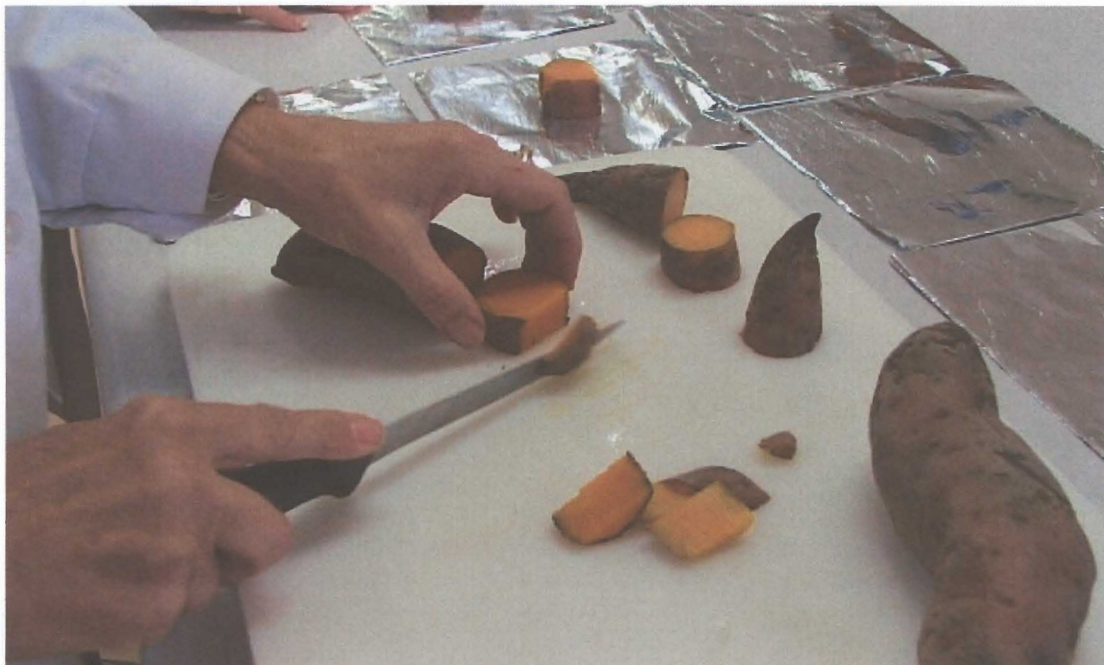




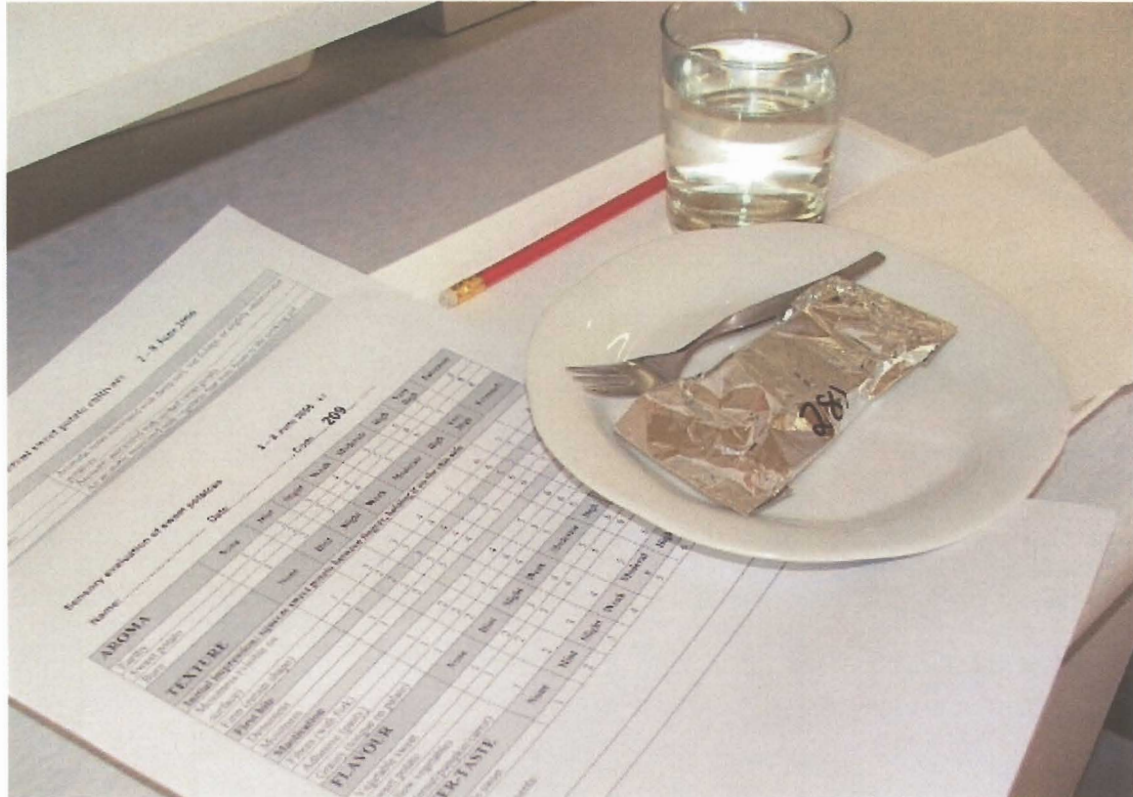
Instron is used measure shear force of sweet potatoes



Panel training, sample preparation and serving of sweet potatoes for sensory evaluation.









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