

ARTICLE REVIEW REPORT



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STUDIES ON STORAGE OF BOTTLE GOURD JUICE PREPARED FROM DIFFERENT MATURITY STAGES OF FRUITS

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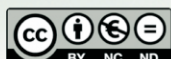


Kalpana
Dahatonde

ABSTRACT

Bottle gourd (*Lagenaria siceraria* Mol.Standl.) is a delicious vegetable, capable for delivering health benefits besides fulfilling physiological needs. The juice was prepared from immature to over mature fruits of bottle gourd fruits of 65, 70, 75 and 80 days after sowing. The physico-chemical, sensory characteristics and microbiological safety of bottle gourd juice in glass and PET bottles were evaluated for 3 months at room and cold temperature. There was continuous increase in TSS

Article Indexed in



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Introduction

Bottle gourd (*Lagenaria siceraria* Mol.Standl.) is an important vegetable crop belongs to family Cucurbitaceae and genus *Lagenaria*. Bottle gourd has its origin in Africa and is cultivated all over the world. It has medicinal value hence used in some Ayurvedic medicines.

A Good Introduction :-

Depict the significance (importance) of the study - why was this value doing in any case? Give a wide connection. Extremely briefly depict the exploratory configuration and how it achieved the expressed destinations.

Materials

The study was conducted in the Department of Horticulture, MPKV, Rahuri during kharif -2011. Bottle gourd fruits at different maturity stages 65, 70, 75 and 80 days after sowing was procured from Instruction cum Research Farm, Department of Horticulture, MPKV, Rahuri on 'Samrat' variety of bottle gourd.

A Good Materials :-

Materials may be accounted for in a different passage or else they may be distinguished alongside your systems.

Result

The samples were studied for the effect of different maturity stages of fruits on physicochemical parameters of bottle gourd juice for the storage period of 3 month.

A Good Result :-

Abridge your discoveries in content and show them, if fitting, with figures and tables. In content, depict each of your outcomes, guiding the per user toward perceptions that are generally significant.

Conclusion

This research work concludes that bottle gourd fruits harvested at different maturity stages, showed the highest juice recovery in M1 stage of maturity i.e. 65 days after sowing and decreased with advancement of maturity stages.

A Good Conclusion :-

Clarify the majority of your perceptions however much as could be expected, concentrating on systems.

References

- Anonymous, 2011b. Microbial test limits, Standard procedure. From www.bis.org.in. prescribed by USFDA (BAM) IS 5401:2002.
- Deore, P.M. 2012. Processing of bottle gourd (*Lagenaria siceraria*) into juice and powder. M.Sc.(Agri.) thesis. Mahatma Phule Krishi Vidyapeeth, Rahuri; Dist. Ahmednagar (M.S.) India.
- Mujumdar, T.K., Wadikar, D.D. and Bawa, A.S. 2010. Studies on processing and storage of ash gourd-mint leaves juice. J. Food Processing and Preservation. 34: 549-556.
- Padv, C.A and Pagar, P.P. 2007. Value addition and processing of Bottle gourd (*Lagenaria siceraria*) into juice and RTS. B.Tech. Thesis, Mahatma Phule Krishi Vidyapeeth, Rahuri; Dist. Ahmednagar. (M.S.) India.

A Good References :-

There are Places where the Author Kalpana Dahatonde and A. M. Musmade and M.U. Tanpure Need to Cite a Reference, but Have Not

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas		✓			
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)	✓				

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REVIEWER COMMENTS

- The work, as with all work advancing from this specific gathering, is generally sound.
- My remarks here are concerned singularly with the association of the composition.
- Thought of these focuses will, I accept, lead to an enhanced report that better shows the key ideas and conclusions.
- Generally, this is a reasonable, brief, and elegantly composed original copy.

Authorized Signature

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Review Editor

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