

RESEARCH PAPER

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Studies on nutritional changes and consumer acceptability of dehydrated garden peas as affected by different pretreatments

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SUMMARY :

An experiment to study the nutritional changes and consumer acceptability of dehydrated garden peas as affected by different pretreatments was undertaken at University Department of Horticulture, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.). Different pretreatments were given to garden peas and then were dried in cabinet dryer. The nutritional status of dehydrated garden peas viz, protein, chlorophyll, total sugar, non-reducing sugar, reducing sugar and consumer acceptability of garden peas were evaluated. Amongst the different treatments, peas pricked and blanched in 6 per cent NaCl₂ + 0.1 per cent MgO + 0.5 per cent KMS + 1 per cent NaHCO₃ for 5 minutes dried in cabinet dryer exhibited better performance throughout the storage period.

KEY WORDS : Garden peas, Pretreatments, Consumer acceptability, Nutritional changes, Storability

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