

DOI: 10.15740/HAS/AJHS/12.2/360-365 e ISSN-0976-8351 ■ Visit us: www.researchjournal.co.in

**R**esearch **P**aper

## Development of cost effective protective clothing for the *Ber* fruit harvesters

## SANDEEP BAINS, DEVINDER KAUR AND MANISHA SETHI

Received: 29.03.2017; Revised: 21.09.2017; Accepted: 07.10.2017

■ABSTRACT : The major problem encountered by the *Ber* fruit farm workers is during plucking the fruit, in which they get cuts and wounds on hands/arms and legs due to thorns and splinters. This leads to large lesions and infection. Looking into their problem cost effective protective clothing were developed for the farm workers working in *Ber* fruit orchards to meet occupational health hazards. The developed *Kurta pyjama* as protective clothing was stitched from non woven fabric of 70 GSM and underlining of 100 % cotton fabric with 126 GSM. To further prevent the thorns from entering the body, Nehru Collar was stitched at neck, with front opening and elastic band at the full length sleeves and ankle of *Pyjama*.

See end of the paper for authors' affiliations

SANDEEP BAINS Department of Apparel and Textile Science, Punjab Agricultural University, LUDHIANA (PUNJAB) INDIA Email : sandeepct@pau.edu

**KEY WORDS:** Ber, Protective clothing, Harvesters, Fruit

■ HOW TO CITE THIS PAPER : Bains, Sandeep, Kaur, Devinder and Sethi, Manisha (2017). Development of cost effective protective clothing for the *Ber* fruit harvesters. *Asian J. Home Sci.*, **12** (2) : 360-365, **DOI:** 10.15740/HAS/AJHS/12.2/360-365.