More accurate and precise method of selection for head shape index at the later stage of plant development was evolved. This will help in rejecting the off type plants not conforming to a particular head shape which might have been selected unconsciously at the head maturity stage. This was made possible due to the presence of high correlation between head shape index and bud shape index \((r = -0.79091)\). The regression of bud shape index on head shape index was also found to be highly significant. The following regression equation is suggested for estimating the bud shape index \((y_e)\) for any observed value of the head shape index \((x)\).

\[
y_e = \overline{y} - b_{yx}(x - \overline{x})
\]

\[
y_e = 1.962 - 0.9238 \ (x - 0.808)
\]