

1253. Agnihotri, Y., Mittal, S.P., Grewal, S.S. and Madhukar, R.M. 1994. Inter comparison of performance of wheat straw to grain ratio estimators in ORP Sukhomajri. *Indian J. Soil Conserv.*, 22(3): 83-89.

A study was taken up to work out estimates of five ratio estimators viz. ratios of mean straw yield to mean grain yield, arithmetic mean of individual ratios, geometric mean grain of individual ratios, harmonic mean of individual ratios and Hartley-Ross unbiased ratio type estimators. Estimates of the variances of the five estimators were also worked out with the help of the sample for different climatic and agronomic situations. The study

revealed that straw to grain yield ratios were lower in a year receiving higher rainfall. Values of the ratios were not affected much with the application of nitrogenous fertilizer. These values decreased with improved variety as compared to local variety of wheat. Harmonic mean of ratios followed by the ratio of mean straw yield to mean grain yield was found to be efficient ratio estimators.