

## **Abstract**

A field experiment was conducted to determine the influence of mechanical inoculation with pea seed borne mosaic (PSBMV) and broad bean stain virus (BBSV) on plant growth and yield of lentil. Plants were artificially inoculated with PSBMV or BBSV at pre-flowering, flowering and post-flowering stages. The earlier the plants were infected, the higher the reduction in plant height and seed yield. BBSV was more aggressive than PSBMV. Infection with BBSV at pre-flowering, flowering and post-flowering stages led to a seed yield reduction of 77.4, 67.7 and 32.2%, respectively, whereas the losses caused by PSBMV at those same stages were 64.5, 58.0 and 9.6%, respectively