Abstract:

A filed experiment was conducted in the Demonstration Farm of the Faculty of Agriculture, University of Khartoum, to study the effect of cutting management on seed yield of lucerne and some of the yield components. The design of the experiment was complete randomized block with three replications. Three treatments were applied; namely, (i) seed production without cutting (C0), (ii) seed production following two cuttings (C1) and (iii) seed production following 14 cuttings (C2). The results indicated that C2 produced significantly more number of pods/unit area, more number of pods/raceme and more seed yield/ha than C1 and C0, and there was no significant difference between C0 and C1.