

عنوان مقاله:

Effect of different sowing dates and row spacing on the growth, seed yield and quality of off-season pea (*Pisum sativum* L. Cv. Climax) under temperate conditions of Rawalakot Azad Jammu and Kashmir

محل انتشار:

ماهنامه پیشرفت های کشاورزی، دوره 1، شماره 5 (سال: 1391)

تعداد صفحات اصل مقاله: 9

نویسندگان:

.s.a shaukat - Govt. Boys High School Bangoon, Poonch, Azad Jammu and Kashmir, Pakistan

.z ahmad - University College of Agriculture Rawalakot, Azad Jammu and Kashmir, Pakistan

.y.a choudry - University College of Agriculture Rawalakot, Azad Jammu and Kashmir, Pakistan

.s.k shaukat - University College of Agriculture Rawalakot, Azad Jammu and Kashmir, Pakistan

خلاصه مقاله:

A study was conducted to check the effect of different sowing dates and row spacing on the growth, seed yield and quality of off-season pea (*Pisum sativum* L. cv. Climax). Significant differences were recorded among sowing dates for days to germination while non-significant results were found for row spacing and interaction (A × B). Maximum days to germination were recorded in D1 (20th April) and minimum were recorded in D4 (4th June). Germination percentage indicated highly significant differences for sowing dates whereas; non-significant results were found for row spacing and interaction (A × B). Maximum germination percentage was recorded on sowing date D2 (5th May). Plant height indicated highly significant differences for sowing dates, row spacing and interaction (A × B). Maximum plant height was recorded on D2 (5th May), S1 (30 cm) and D1 × S3. Number of branches plant-1 indicated highly significant differences for sowing dates, row spacing and interaction. Maximum number of branches plant-1 were counted in D1 (20th April), S3 (50 cm) and D1 × S3. Chlorophyll contents showed highly non-significant differences among sowing dates, row spacing and interaction (A × B). Highly significant differences were observed among sowing dates for days to flowering whereas, non-significant results were found for row spacing and interaction (A × B). Minimum days to flowering were taken by plants sown D4 (4th June). Days to pod formation showed highly significant differences for sowing dates whereas, non-significant results were found for row spacing and interaction (A × B). Minimum days to pod formation were recorded in D4 (4th June). A highly significant difference was observed among sowing dates, row spacing and interaction (A × B) for number of pods plant-1. Maximum numbers of pods plant-1 were recorded in D1 (20th April), S3 (50 cm) and D1 × S3. Pod length indicated highly significant differences among sowing dates, row spacing and interaction (A × B). Maximum pod length was recorded in D1 (20th April), S3 (50 cm) and D1 × S3. Number of seeds pod-1 showed highly significant differences among sowing dates, row spacing and interaction. Maximum number of seeds pod-1 were recorded in (20th April), S3 (50 cm) and D1 × S3. Highly significant differences were observed among sowing dates, row spacing and interaction for seed yield ha-1. Maximum seed yield ha-1 was recorded in D1 (20th April), S3 (50 cm) and D1 × S3. Protein contents showed highly significant ... (differences among sowing dates while non-significant results were found for row spacing and interaction (A × B)

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/500631>

