Effect of pre-sprouting and harvesting date on yield and some agronomical characteristics of three potato cultivars


Abstract

The effect of pre-sprouting and harvesting date on yield and some agronomical characteristics of three potato cultivars (Solanum tuberosum L) was studied. The treatments included pre-sprouting for 10 days at 10°C and harvesting at different stages of maturity. The results indicated that pre-sprouting improved yields and increased the size of potatoes. The best yield was obtained in the pre-sprouted potato cultivar with an harvest date of 100 days after sowing. The post-sprouting treatment had a negative effect on the yield and quality of the potatoes. The results also showed that the pre-sprouted potatoes had a higher yield and better quality than the non-sprouted potatoes. The pre-sprouting treatment improved the yield and quality of the potatoes, and it is recommended for use in potato cultivation.