



The planting time and vegetation interruption effects on the potato planting material yield

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The agrotechnological measures which have a major negative impact on the planting material rated capacity are the following: on the first place is situated the planting of the potato 30 days later, followed by stems damaging after 20 days from the warning. From quantity point of view the later planting and the vegetation interruption had a negative effect on the planting material rated capacity at both cultivars (Astral and Rapsodia). The diminishing of the planting material rated capacity, as a consequence of the vegetation interruption was significantly amplified when the planting activity was accomplished earlier both in Suceava and Lucina at the cultivars Rapsodia and Astral. In comparison with Suceava, in Lucina was registered a significant grows of the tuber yields used like planting material (13,3 q/ha), representing a significant increase of the yield with 9%. The quantitative estimation of the triple interactions (cultivar –planting time - stage of the vegetation interruption) suggested that the yields diminishing are caused by the later planting being dependent by the stage of the vegetation interruption too. If in Suceava those two cultivars reacted in a similar manner, in Lucina the postpone of the vegetation interruption with 20 days, attenuated the limitative effect of the planting delay only at the Astral cultivar.