

EFFECT OF IRRIGATION ON THE QUALITY OF POTATO VARIETIES

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Abstract. *Among agro-techniques, year effects, variety and irrigation factors have a considerable impact on potato yield quality and quantity. In Hungary, the biggest limiting factor of potato cultivation is the shortage of precipitation and the high average temperature during period of potato tuber development. Potato has a demand for high and even water supply, this crop can reach 100% of its growing capacity if properly irrigated, and the safety of growing and the quality can also be increased. The water shortage between May and August negatively affects the number of tubers, the tuber size and quality apart from the yield. For safe potato growing irrigation is essential.*

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