



DEVELOPMENT OF SITE- AND CULTIVAR-SPECIFIC CULTIVATION TECHNOLOGIES AS WELL AS THE PRODUCTION OF PATHOGEN-FREE PROPAGATING MATERIAL OF SWEET POTATO

Practical problem

The consumers' increasing interest in sweet potato, one of the most important food crops in the world, is stimulating the farmers' interest for the plant in Hungary and in many European countries. Despite the growing production area, decades of practice and the general cultivation guidelines, however, domestic sweet potato production is currently unable to meet domestic needs in Hungary. This is due to the inadequacy of yield and yield stability, that is caused by the inappropriate choice of technology and the use of propagating material, often of uncertain origin and not tested for pathogens.

a har har and the second	Partners			
The second se		University of Szeged	project leader,	
		 Faculty of Agriculture 	research institution	
THE THE	National Agricul	tural Research and Innovation Centre	research institution	
A A A A A A A A A A A A A A A A A A A	•	Department of Field Crops Research		
	 Vegetable Crop Research Department 			
		Zoltán Gombos	young farmer	
		Zsolt Gombos	farmer	
		Richárd Nagy-György	farmer	
		Dr. János Pauk	expert, researcher	
the Same		Zoltán István Privóczki	consultant	
and the second	Project			
	Objectives	Development and publication of site-	and variety-specific technology	
- A A A A A A A A A A A A A A A A A A A	0.0,000.000	guides covering all important aspects of cultivation, supported by experimental results, which can contribute to the integration of sweet potato into the traditionally cultivated crops of Hungary.		
	Variety-specific adaptation and integration of the <i>in</i> w micropropagation method into the domestic propagating mate			
		production, establishment of a production	opagation material production	
		system tested for pathogens essentia	l for efficient cultivation.	
		Establishment of an in vitro gene ban	k from certified and other sweet	
to the base of the second		potato genotypes in Hungary.		
- 花 小		Technological recommendation for t		
		product of cultivation, as animal feed		
	Expected	Eliminating yield stability problems, increasing yield of sweet potato.		
	results	Developing the utilization of foliage as forage. Establishing a pathogen-free propagating material production system.		
1 1 V PRIME				
	Initial	Cultivation technology experiments (planting method and time, plant	
· · · · · · · · · · · · · · · · · · ·	experiments	density, fertilization, irrigation method, etc.)		
		Plant pathology examinations		
		In vitro micropropagation with multip	le genotypes	
Total budget:		Examination of foliage composition fr	om the feeding point of view	
73 176 126 HUF	Implementation			
Supported budget: 59 026 121 HUF	(01.09.2018) 30.09.2019 – 30.11.2021 period			
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KORMÁNY/



A vidéki térségekbe beruházó Európa

Innovációs operatív csoportok létrehozása és az innovatív projekt megvalósításához szükséges beruházás támogatása VP3-16.1.1-4.1.5-4.2.1-4.2.2-8.1.1-8.2.1-8.3.1-8.5.1-8.5.2-8.6.1-17

