

**20th International Sunflower Conference, June 20 to 23, 2022,
Novi Sad, Serbia**

Sunflower broomrape – update on virulence in Serbia

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Sunflower broomrape (*Orobanche cumana*), parasitic plant with potential for inflicting severe damage to host

Present in regions with sunflower production, higher incidence associated with sandy soils

In Serbia referred race E as dominant

Greenhouse experiments using lines LC-1003, NR5, SL-58, CMS1-90 and line P96

Location	Lines*				
	AD-66	LC-1003	NR5	SL-58	CMS1-90
Senta	S	S	R	R	R
Novo Miloševo	S	S	R	R	R
Šupljak	S	S	R	R	R
Alibunar	S	S	R	S	R
Bačko Petrovo Selo	S	S	R	R	R
Lipar	S	S	R	S	R

Variability of resistance reaction of lines referred to be race E resistant

Continuation of research in 2021 yielded with results indicating substantial increase in virulence and frequency of detecting populations with higher virulence based on susceptibility of line P96

ACKNOWLEDGEMENT



Science Fund of the Republic of Serbia, through IDEAS project “Creating climate smart sunflower for future challenges” (SMARTSUN) grant number 7732457



Република Србија
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НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА

Ministry of Education, Science and Technological Development of the Republic of Serbia, grant number: 451-03-68/2022-14/ 200032



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