

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	<i>Marija Gradečki-Poštenjak, PhD</i>
Research organization	<i>Croatian Forest Research Institute</i>
Position in the organization	<i>Head of Seed Testing Laboratory of</i>
Country	<i>Croatia</i>
E-mail	<i>marijag@sumins.hr</i>
FACILITY ¹	
Name of the facility	<i>LIS – Laboartorij za ispitivanje sjemena; LTSQ - Laboratory for Testing Seed Quality</i> <i>Short name and complete name (Original language and English translation)</i>
	www.sumins.hr <i>URL address</i>
Location of the facility	<i>Croatia</i> <i>Country</i>
	<i>Cvjetno naselje 41, 10450 Jastrebarsko</i> <i>Postal address</i>
	<i>Latitude : 45.667</i> <i>Longitude : 15.667</i> <i>UTM coordinates: Latitude/Longitude</i>
Start date	<i>1958</i> <i>Year since the facility has been operative</i>
Type of facility	<ol style="list-style-type: none"> 1. <i>Germination apparatus (different models: Jacobsen tank, germination incubator, room germinator)</i> 2. <i>Refrigerators</i> 3. <i>Incubators</i> 4. <i>Ovens</i> 5. <i>Moisture analysers</i> 6. <i>Analytical Balances</i> 7. <i>pH meter and conductometer</i> 8. <i>Mechanical seed dividers</i> <p><i>Short description</i> <i>Example: Elemental analyser coupled with isotopic ratio mass spectrometer</i></p>
Keywords	<i>Seed, germination, moisture content, analytical purity, TSW, seed quality,</i> <i>3-5 keywords to describe the facility and its objectives</i>
Scientific characteristics	<i>- scientific research in all areas of seed science and technology including sampling, testing, storing and processing seeds;</i> <i>Scientific objectives</i>
	<i>Testing seed quality is obligatory in seed trade;</i> <i>Interest for users</i>
	<i>Particularities in comparison to similar facilities -</i>
	<i>Research projects in the frame of which the facility is used (include web site address) –</i> <i>Forest Tree Breeding and Seed science, Ministry of science</i>

¹ Note: This information could be published in the webpage of FORESTERRA.

Technical characteristics	<ol style="list-style-type: none"> 1. apparatus with a controlled environment (hot/cold cycles and light dark operations), the temperature is automatically regulated; chamber capacity 1350 l each , temperature range (+ 10°C - + 50 °C), humidity range (30 – 90 %), controller microprocessor with external display, lighting - in door, voltage 50/60Hz, 220 – 240 V; 2. apparatus for storing seed samples before and after seed testing (3±2°C); 3. chamber capacity 450 l , temperature range (+ 10°C - + 50 °C), humidity range (40 – 98 %), controller microprocessor with external display, voltage 50/60Hz,220-240 V, automatically heated and ventilated; 4. automatically electrically heated and ventilated; maximum temperature 200°C; Red pilot light indicates heater operation; Operates on 240V, 50/60 Hz; 5. moisture meter is used for determination of moisture content in seed; 6. automatic weight measurement (a 7. it is used for controlling the growing media used for germination tests 8. divider is used for halving dry seeds and obtained working samples
	<i>Detailed description of instrumentation</i>
	<i>Seed quality – germination, viability, TSW, analytical purity, moisture content</i>
	<i>Measured parameters</i>
<i>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i>	

SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

Principal investigator	<i>Marija Gradečki-Poštenjak, PhD, marijag@sumins.hr</i> <i>Name and e-mail address</i>
One line for each additional person	<i>Name and e-mail address</i>

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	<i>Yes, Marija Gradečki-Poštenjak, PhD, marijag@sumins.hr</i> <i>Yes or No</i> <i>If yes, Name and e-mail address of the contact person</i>
	<i>Conditions or Policy of use</i>
Availability for accessing the data collected	<i>Yes, Marija Gradečki-Poštenjak, PhD, marijag@sumins.hr</i> <i>Yes or No</i> <i>If yes, Name and e-mail address of the contact person</i>
	<i>Conditions or Policy of use</i>
Institution that manages the facility	<i>HŠI - Hrvatski šumarski institut, CFRI – Croatian Forest Research Institute</i> <i>Name (Original language and English translation)</i>
	<i>www.sumins.hr</i> <i>URL address</i>

Continue

Structure or institution which manages the data	<i>Name (Original language and English translation) CFRI</i>
	<i>URL address</i>
Is the facility participating in a national or	<i>Name (Original language and English translation) ISTA –</i>



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Enhancing FOrest RESearch in the MediTERRAnean
through improved coordination and integration



international Network?	<i>International seed testing association</i>
	<i>URL address</i>
Is the facility open for transnational collaboration?	<i>Conditions: CFRI consent</i>