USAMVB TIMISOARA
FACULTATEA: AGRICULTURA
AGRICULTURAL FACULTY

RESEARCH LAB CARD
(ENTOMOLOGY AND AGRICULTURAL ZOOLOGY LAB)

Location	A128
Name	Research lab
Place	Agricutlural Faculty, firts floor, stair A
Manager	Professor PhD Ioana Grozea
Purpose	Research included in grants, projects, research contracts and PhD papers
Institutional programme	Agricultural Faculty
Study programme	Agriculture
Research activity - Objective	Fundamental research included in research contracts, development
Total number of research workers	5
Area	30 mp
Area/place	6 mp
Technical condition	Very good (with additional equipment that will be purchased in 2010 from the research projects)

Features

Furniture	Table with 5 seats, with shelves and drawers, table support for microscope +stereo Zoom Krus; a case with shelves and glass case, 5 lab chairs, incubator support, niche support
Apparatus and lab supply	Kruss trinocular microscope Stereozom Microscop trinocular Kruss Plug and Play microscope PC compatible- 3 pieces Precision incubator, Model INE 500r Grain Moisture Metre Cole Parmer with 99037-50 senzors Digital thermometer for surface and soil P400 Ph-metre Crison pH 25 Analytical balance KERN PLJ 4000-2M Model Digital sliding callipers CALIPTER 12 Electronic Cole Parmer Atomizor Solo 450 - 1 buc Microbiological niche LABCONCO Purifier Horizontal Benchus Atomizor Solo 450 1 piece P-97152-12 – digital sliding calliper, 1-200 mm, inch/mm Magnetic mixer with temperature detector MR HEI-TEC Heidolph Aluminim heat platen LN77.1, temp. 1-500 grd. Celsius, LED Prognosis and warning station Vaisala WXT510+XIPP 8 Zonen SP-Lite Fiat Doblo (5 seats) auto-lab endowed with the necessary materials for the test collecting, transportation and setting the experimental fields, GPS portable microscope

	Exhaust blower (for 3-6 mm insects) Glass terarium and special net for insect and plant raising Digital camera Nikon Coolpix 5000 Olympus Zuiko digital 14-42 mm 1:3,5 - 5,6 camera Vídeo camera Sony digitala HD, HDR –SR11E/SR12 with tripod Freezer Beko + fridge (keeping the soil and surface biological samples) Entomological tool set (4) Dissection slavers (4) Boxes for carrying insects (2) Entomological filets with telescopic handle 35 cm diameter Magnifying glass 3x Pheromone traps Csalomon VARL,Barber, adhesive coloured traps Pherocon AM, pheromone traps for Helicoverpa armigera (bait only) Glass boxes (D – 60 mm, D – 75 mm, D – 80 mm, D – 90 mm D – 100 mm D – 120 mm D – 150 mm), Petri plastic sterilized boxes, Petri boxes with two compartments Phials (50 ml, 100 m, 200 ml) Weighing vial 35, 40, 60, 70 Sharp pointed scissors (130 mm, 145 mm,160 mm) White weighing slavers Lancet 10 -17, lancet blades (130 mm, 145 mm,160 mm) Entomological pins of different sizes for insect conservation Protection equipments (overall, breathing protection mask, protection glasses)
Source of endowment	1. Exploratory research project no 215/2007 concluded with CNCSIS-UEFISCSU, Creating some prediction models for the geographic spreading of the invasive species diabrotica virgifera in function of the ecological factors, value 600000 RON, 2007-2010, Contract manager: Professor engineer Ioana Grozea, Ph.D. 2. Research project 5878/18.09.2006 concluded with MEC tip CEEX, Use of the biologic methods in reduction of the damaging invasive populations from the corn agrarian ecological systems, value 160000 Euro, 2006-2008, Contract manager: Professor PhD. engineer Ioana Grozea 3. Research contract no . 5411/19.06.2009, concluded with Monsanto International SARL- Morges Elvetia, “Efficacy of control methods for western corn rootworm (Diabrotica virgifera virgifera LeConte) “, value 16000 Euro, 2009-2010, proiect manager Grozea Ioana
Other facilities	Laptop (5), wireless internet, printer, xerox, water, gas, electrical sources, experimental fields (2).

Responsible
Professor PhD . Ioana Grozea