### CENTER FOR INTEGRATED MANAGEMENT OF PLANT DISEASES

### What can we do together?

- > WORK WITH MODELS TO FORECAST DISEASES AND PESTS IN APPLE, GRAPES, WALNUT, CHERRY AND CEREALS
- > GROW DIFFERENT CROPS AND RUN TRIALS WITH THEM
- > DEVELOP STRATEGIES AND TECHNOLOGIES IN IPM AND ORGANIC PRODUCTION
- > ANALYZE RESEARCH RESULTS
- > LEARN MORE ABOUT BULGARIA AND LOCAL CULTURE, NATURE AND PEOPLE

#### **OUR MAIN OBJECTIVES**

- Introduce innovative technologies for precision farming
- Improve economic results of industry
- Save nature and provide healthy food to society



**LET'S EXCHANGE GOOD PRACTICE!** 

### OUR CENTER HAS AN EXPERIMENTAL FARM. WE GROW ANNUAL CROPS LIKE FRUITS, GRAPES, CEREALS AND OIL SEED RAPE



### THIS IS OUR FIELD LABORATORY



### Join our team and get field experience!







# LEARN ABOUT MONITORING OF DISEASES, PESTS, IRRIGATION AND MANY OTHER ASPECTS OF AGRICULTURE

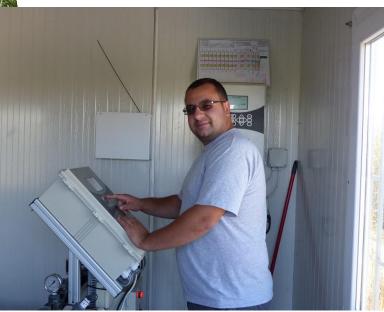




# LEARN HOW TO USE MODERN EQUIPMENT FOR PRECISE AGRICULTURE AND EXPERIEMENTS







### EVEN MORE FIELD WORK..

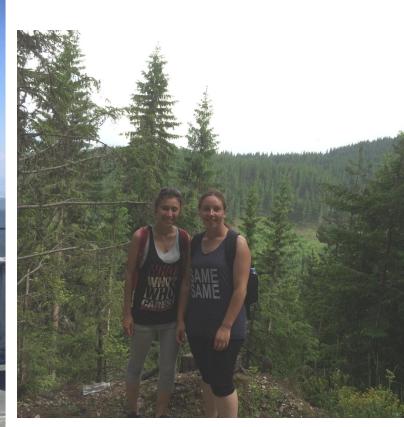




### HARD PAY AND ...HARD PLAY-TIME FOR SIGHTSEEING AND FUN !!!







#### CALENDAR OF THE MAIN WORK ACTIVITIES

<b>1</b>	Davious of the regults gained from our trials
January	Review of the results gained from our trials
February	Laboratory work / microscope diagnosis & epidemiology on apple scab, cherry leaf spot, anthracnose on walnut
	Fertilization of wheat, barley and canola
	Pruning of apple, grape and cherry untill mid March
March	Forecasting and signaling important diseases in stone and pome fruits
	Regular observations on winter crops
	Spore trap usage until September
April	Starting specific trials with plant protection products on apples, cherry ,grape.
May	Starting trials whit wheat and barley for the main economically important diseases in Bulgaria
7	Testing the efficacy of fungicidal agents, fertilizers and growth regulatiors
	Control on apple scab, cherry leaf spot in IPM and Organic Farming
	Observation on the set trials and analyzing them
June	Observation on the set trials and analyzing them
July	Control on powdery and downy mildew in the vineyard (IPM and Organic Farming)
	Green pruning of grapes
August	Green pruning of grape and cherry
	Preparation of isolates and work with spore trap
September	Setting up new trials with fungicidal agents, specific sort trials with wheat, barley and canola
	Testing the efficacy of fungicidal agents, fertilizers and growth regulatiors
October	Monitoring all phenological stages on winter crops
	Planning the trials for the next season
November	Review of the results gained from our trials
December	Microscoping the the tapes from the spore trap and analyzing the results
	This obsorpting the the tapes from the spore trap and analyzing the results

