**PROGRAM**

**FOR PRACTICAL EDUCATION**

**FOR STUDENTS**

**FROM**

**POLJOPRIVREDNO ŠUMARSKA ŠKOLA VINKOVCI**

**at**

**VOCATIONAL AGRICULTURAL HIGH SCHOOL TODOR RACHINSKI**

**1st group of students: 08-19.10.2018**

**2nd group of students: 08-19.04.2019**

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| **DATE** | **TIME** | **PRACTICAL ACTIVITIES** |
| SUNDAY |  | Arrival in General Toshevo, Bulgaria |
| **First week activities** **Module 1. AGRICULTURE** |
| MONDAY | 09.00-17.00 | **Practice venue:** Dobrudja Agricultural Institute **Topic:** The impact of crop rotation**KNOWLEDGE in Agrotechnics**1. The role of crop rotation **SKILLS to be acquired:**- crop rotation;- applying different agrotechnical activities in relation to new trends in grain production;- Types of crop rotation;- Problems in organic production - specifically in cereals and legumes |
| TUESDAY | 09.00-17.00 | **Practice venue:** Dobrudja Agricultural Institute. **Topic:**The Impact and Importance of Soil TreatmentKNOWLEDGE in Agrotechnics1. Soil treatment system,**SKILLS to be acquired:**- basic, pre-sowing and vegetation treatments;- soil cultivation in individual crops;- tracking the direct impact of the cultivation on crop productivity;- changing the physical and agrochemical characteristics of the soil;- different types of soils |
| WEDNESDAY | 09.00-17.00 | **Practice venue:** "Alexievi Brothers" Ltd. and "BELDAS" Ltd. **Topic:** Modern Agriculture**KNOWLEDGE** in High-tech machine-tractors base - a sure success in agriculture**SKILLS to be acquired:**- Tractor control;- Application of tractor driven equipment;- High class combine - way of working and efficiency in its use |
| THURSDAY | 09.00-17.00 | **Practice venue:** Dobrudja Agricultural Institute **Topic:** Varieties of grain legumes**KNOWLEDGE** in Selection and testing of new varieties of grain legumes**SKILLS to be acquired:**- Recognition of different types of wheat;- Experiments in the selection of new crops;- Introducing to a modern selection base in the largest institute for the production of grain legumes. |
| FRIDAY | 09.00-17.00 | **Practice venue:** ET "Terra - Commerce - Vassil Vassilev"**Topic:**Essential oil crops - from seedling to oil production**KNOWLEDGE** in producing Lavender and Lemon balm Seedlings; Lavender oil extraction**SKILLS to be acquired:**- Production of seedlings;- Sowing;- Growing of lavender;- Collection of production ;- Lavender oil extraction |
| SATURDAY |  | **Cultural program** **-**Visit to: Regina Maria Palace in Balchik- Walk;- Lunch;- Visit to a concert |
| SUNDAY |  | **Cultural program.**visit to Kamen Briag;-event / dinner "Bulgarian Traditions" |
| **Second week activities** **Module 2. Livestock breeding** |
| MODNAY | 09.00-17.00 | **Practice venue**: Paul AgrarCompany JSC - Krasen village**Topic:** Cow Breeds observation**KNOWLEDGE in**: Breeds of the dairy type**SKILLS to be acquired:**- Recognition of Productive type cow for milk;- New technologies for breeding dairy cows;- Skills to describe productive qualities;- The external characteristics of dairy cattle. |
| TUESDAY | 09.00-17.00 | **Practice venue:** Paul AgramCompany JSC - Krasen village**Topic:** Milking of cows**KNOWLEDGE** in getting quality Cow's milk**SKILLS to be acquired:**- Work with milky installation - fish bone type;- Skills for healthy and safe work;- Milk quality testing |
| WEDNESDAY | 09.00-17.00 | **Practice venue:** “AGRI SS "Ltd.**TOPIC:** Primary processing and storage of eggs**KNOWLEDGE in:** breeds of hens for eggs;- Technique for breeding hens for eggs**SKILLS to be acquired:**- Primary processing of the eggs;- Sorting;- Qualification of production. |
| THURSDAY | 09.00-17.00 | **Practice venue:** “Rolles“ Ltd.**Topic:** Technology for cow breeding**KNOWLEDGE in**: cow breeding technology and zoohygiene requirements for the environment, buildings and animals**SKILLS to be acquired:**- to be able to recognize the different types of breeding and different milking process technologies. |
| FRIDAY | 09.00-17.00 | **Practice venue:** “Rolles“ Ltd.**Topic:** Preparation, primary processing and storage of milk and dairy products**KNOWLEDGE in:**- Obtaining, processing and storage of milk and dairy products;- Working with a milk storage tank;- Cheese production technology**SKILLS to be acquired:**- to be able to work with milking installation - type of central dairy;- to be able to conduct a primary treatment of milk;- to be able to make cheese |
| SATURDAY |  | **Departure for Croatia** |