**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 Treatment  KNOWLEDGE in Agrotechnics  1. 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** |