

TYPES OF SERVICES AND ADVICES IN CROP PRODUCTION

1. ADVICE ON ESTABLISHING LAND QUALITY BASED ON CHEMICAL ANALYSIS-AGROCHEMICAL ANALYSIS

- Chemical control of soil fertility (time and manner of sampling, interpretation of analysis results, advice and recommendations for rational application of fertilizer)
- Application of the N-min method for the rational application of nitrogen fertilizers and environmental protection
- Physical properties (structure, mechanical composition, airborne and water permeability, biological properties microbiological activity)

2. ADVICE ON PRE-SOWING AND BASIC TREATMENT OF LAND

- Importance and purpose of land cultivation, mechanical effect of land cultivation
- Soil preparation for sowing, tillage time, choice of attachment machine, aggregation
- Cultivation systems for individual cultures, classical cultivation
- Method of tillage (stubble peeling, deep tillage, plowing, pre-sowing, choice of tools, time of tillage, execution techniques, number of operations)

3. TIPS ON CROP ROTATION

4. TIPS ON PLANT NUTRITION

- Fertilization plan based on soil analysis, recommendations, optimal amount and type of fertilizer
- The importance of organic matter
- Fertilization with manure, compost
- Preparation, care and storage of compost
- Selection and application of liquid mineral fertilizers
- Foliar nutrition of crop and vegetable plants
- Microbiological fertilizers

5. ADVICE ON SOWING AND SELECTING THE SORTIMENT

- Selection of crops for a particular production of stubble, industrial crops or vegetables, choice of production,
- Sowing plan-time and method of sowing (seed quantity, depth, row spacing and sowing spacing in line) norm, seed-seedling selection, sowing structure, preparation of aggregates for sowing of the recommended assembly,
- Sortiment,
- Production of silage, green mass and hay, choice of plant species and technologies.

6. ADVICE ON CROP CARE

- Time and methods of crop production, number of operations,
- Mechanical care measures (rolling, harrowing, row cutting, hoeing, weeding, shrouding),
- Physical care measures (frost protection, rain protection, irrigation),
- Biological care measures (thinning of crops, supplementary sowing and planting, supplementary pollination, planting of peaks, placement of supports),

- Irrigation (choice of irrigation system, determination of irrigation standard, determination of irrigation time and quality of irrigation water),
- Row cultivation (method, time and number of construction, depth of connecting machines).

7. HARVESTING ADVICE

- Determination of optimal harvesting moment,
- Extraction, loading, transportation.

8. ADVICE ON INTEGRATED PRODUCTION

9. ADVICE ON ORGANIC PRODUCTION

10. ADVICE ON STORAGE OF PRODUCTS

11. TIPS ON THE FORMATION OF A MANUFACTURES ASSOCIATION

- Producer organization by specialty of interest organization-association,
- Connecting manufacturers with scientific institutions,
- Organizing smaller processing capacities within the association,
- Organizing market appearances,
- Connecting manufacturers to individual service providers.

12. MANUFACTURER EDUCATION THROUGH LECTURES IN VILLAGES

13. PRODUCER EDUCATION THROUGH MEDIA

14. DIFFERENT FORMS OF GROUP WORK WITH AGRICULTURAL PRODUCERS