



PROGRAMME OF TRAINING COURSE PLAN FOR FARMERS for LDV Project ‘INOVES’

Author: District Governorship of Sultanhisar

MONTH	WEEK	HOUR	SUBJECTS	OBJECTIVES	LEARNING AND TEACHING METHODS AND TECHNIQUES	EDUCATIONAL TECHNOLOGY EQUIPMENT	RESULT
NOVEMBER		5	<p><b>PREPARING GOOD AGRICULTURAL PRACTICES ON STRAWBERRY</b>            The importance of strawberry cultivation            The family of strawberry fruit,its homeland            The nutritional value of starwberry fruit            Strawberry production in the world and in Turkey</p>	<p>Farmers recognize that strawberry farming is an important agricultural area for small and medium farmers            They know that strawberry plants gives fruit from the first year, and may not indicate the need for long-term investments.</p>	<p>expression            application            question-and-answer            sampling            comparison            dialogue            group work            -presentation            invention            strategies            open-ended            questions</p>	<p>-projector            -brochure            - agricultural publications            about strawberry farming,            -short term films,            -powerpoints            about the subject</p>	<p>Every month ,comments will be written here.  <b>These patterns will be evaluated.</b>            1 Educators can guide farmers by using IT .            2 Farmers are encouraged to learn by themselves.            3 It is guaranteed to be active farmers.            4 Farmers are directed to the study and observe.            5 Farmers can evaluate themselves.            6 Methods and techniques are applied to farmers in order to gain professional competence</p>

		5	The role of the strawberry in the systematics Strawberry plant (leaves, flowers, fruits, roots, stolons) Strawberry plants need of cold	They tell which plant family strawberry belongs to . The farmers know its homeland. They tell the parts of strawberry fruit.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
		5	Üretici –ihracatçı ülkeler tarafından pazara sunulan çilek çeşitleri Strawberry varieties offered to the market by a grower-exporter countries The properties of strawberry cultivars which are grown in Turkey and marketed their seedlings.	They know the types of strawberries which have buyer markets. They tell the properties of strawberry cultivars which are grown in Turkey and marketed their seedlings.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
		5	What is the Good Agricultural Practices? Good agricultural practices in Europe GAP / GLOBALGAP Certification The benefits of good agricultural practices.	-They make the definition of good agricultural practices. -They have the knowledge about good agricultural practices in Europe. -They know the certification and the importance of the GAP / GLOBAL GAP. -They say the benefits of good agricultural practices.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
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<b>DECEMBER</b>		5	The garden of plant strawberries Selection of garden site The soil request and rotation Preparing the soil for planting Solarization	They know the necessary conditions to establish and make strawberry plants. -They understand the importance of the rotation on the cultivation of strawberries. -They understand the benefits of the definition of solarization and tell the method.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject
		5	The suitable farming area for strawberry cultivation Planting forms Planting spaces planting time planting the seedling	Çilek yetiştiriciliğine uygun yerleri bilir ve uygular. Çilek yetiştiriciliğinde dikim şekillerini bilir Çilek yetiştiriciliğinde dikim aralığını bilir Çilek yetiştiriciliğinde dikim zamanını bilir They know suitable farming area for strawberry cultivation and apply there. They know planting forms They know planting spaces They know the planting time and planting the seedling	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject
		5	Strawberry gardens care: Soil processing Mulching Protection from winter frost Cutting the stolons	Soil processing They know the definition and importance of mulching. They know taking the precautions from winter frost. They know the definition of stolons and the method of cutting the stolons truly.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject

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		5	<p>The methods applied on Strawberry cultivation            What is Frigo seedling?            The benefits of using Frigo seedlings.            The drawbacks of using Frigo seedlings            Fresh plants in tube (plug, tray or containerized plant)            How is it done?            What are the advantages of the fresh plant?</p>	<p>-They know the methods in strawberry agriculture.            -They know the definition of Frigo seedlings and know how to get it.            They understand the benefits and earliness of fresh seedlings and know how to get them.</p>	<p>expression            application            question-and-answer            sampling            comparison            dialogue            group work            -presentation            invention            strategies            open-ended questions</p>	<p>-projector            -brochure            - agricultural publications about strawberry farming,            -short term films,            -powerpoints about the subject</p>	
JANUARY		5	<p>PLANT NUTRITION IN GOOD AGRICULTURAL PRACTICES            Soil and leaf analysis            What is fertigation?            What is upper fertilizer?            Natural Fertilizers:            Barnyaed manure            compost manure            green fertilizers</p>	<p>They know how to take the sample for the analysis of soil and leaf.            They tell definition of fertigation and know the advantages.            They know how to get natural fertilizers.</p>	<p>expression            application            question-and-answer            sampling            comparison            dialogue            group work            -presentation            invention            strategies            open-ended questions</p>	<p>-projector            -brochure            - agricultural publications about strawberry farming,            -short term films,            -powerpoints about the subject</p>	
		5	<p>Chemical (artificial fertilizers):            nitrogenous fertilizers            phosphorous fertilizers            Potassic fertilizers</p>	<p>They know the contents of chemical fertilizers and apply effectively on the right time.</p>	<p>expression            application            question-and-answer            sampling            comparison            dialogue            group work            -presentation            invention            strategies            open-ended questions</p>	<p>-projector            -brochure            - agricultural publications about strawberry farming,            -short term films,            -powerpoints about the subject</p>	

		5	Compound fertilizers An overview of the cultivation of strawberry fertilization Reviews and some recommendations on the values of the leaf and soil analysis	They know compound fertilizers. They comment on leaf and soil analysis and fertilize	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
		5	The symptoms in the resulting of Benefits and deficiencies of nutrients .	They know the nutrients and recognize the shortcomings.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions		4
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<b>FEBRUARY</b>		5	APPLYING THE PLANT PROTECTION METHODS ON STRAWBERRY GROWN WITH GOOD PLANT AGRICULTURE PRACTICES:  Definitions on the causing of developmental disorder of strawberry Definitions and agents of important disease of strawberry	They know the disease of strawberry fruit	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
		5	Bacterial and fungal diseases Definitions of viruses and virus-like diseases	They know bacterial and fungal diseases.	expression application question-and-answer sampling		

		5	Important nematode problems of strawberry Strawberry fundamental issues need to be considered against strawberry diseases	They know effective cultural and mechanical fight against diseases .	comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	
		5	Definition of integrated pest management -Objectives of Integrated pest management objectives -The benefits of integrated pest management -The principles of integrated pest management -Sampling and testing methods -Integrated pest management in strawberry -Application of plant protection products	They know the integrated pest management and methods.			

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MARCH		5	-What happened as a result of the use of pesticides unconsciously. What should be considered during the use of sprayer What should be considered during the measurement and dilution of sprays. label information Last application of Pesticide and harvest time Regulation on the principles and procedures about the application of plant protection products	They know the Regulation on the principles and procedures about the application of plant protection products in the strawberry plants with Good Agricultural Practices.	expression application question-and-answer sampling comparison dialogue group work -presentation invention strategies open-ended questions	-projector -brochure - agricultural publications about strawberry farming, -short term films, -powerpoints about the subject	

	5	<p>Marketing the Strawberry that have certificate of good agricultural Practices:</p> <ul style="list-style-type: none"> <li>-Picking time of Strawberry</li> <li>-Pickers and picking forms</li> <li>-Picking and packaging containers</li> <li>- packaging with classification and marketing</li> <li>-conservation</li> <li>-evaluation of Strawberry</li> </ul>	<ul style="list-style-type: none"> <li>-They know the harvesting time of strawberry</li> <li>They understand the accurate and efficient collection methods.</li> <li>-They can make the road-resistant packaging.</li> <li>-They know the methods of conservation.</li> <li>-They know the assessment of strawberry other than fresh fruit strawberries</li> </ul>	<ul style="list-style-type: none"> <li>expression application</li> <li>question-and-answer</li> <li>sampling</li> <li>comparison</li> <li>dialogue</li> <li>group work</li> <li>-presentation</li> <li>invention</li> <li>strategies</li> <li>open-ended questions</li> </ul>	<ul style="list-style-type: none"> <li>-projector</li> <li>-brochure</li> <li>- agricultural publications about strawberry farming,</li> <li>-short term films,</li> <li>-powerpoints about the subject</li> </ul>	
	5	<p>Soilless agriculture:</p> <ul style="list-style-type: none"> <li>-What is soilless agriculture?</li> <li>-Patterns of soilless agriculture growing area</li> <li>-Organic and inorganic environments</li> <li>-Growing requirements for environment</li> <li>-Advantages and disadvantages of soilless agriculture.</li> <li>-Strawberry farming with the method of soilless agriculture</li> </ul>	<ul style="list-style-type: none"> <li>. They make the definition of soilless agriculture.</li> <li>-They know the way of soilless agriculture.</li> <li>-They know peat, vermiculite, rock wool .</li> <li>-They know the advantages and disadvantages of soilless agriculture.</li> <li>They observe the Strawberry with soilless agriculture method .</li> </ul>	<ul style="list-style-type: none"> <li>expression application</li> <li>question-and-answer</li> <li>sampling</li> <li>comparison</li> <li>dialogue</li> <li>group work</li> <li>-presentation</li> <li>invention</li> <li>strategies</li> <li>open-ended questions</li> <li>technical tour</li> </ul>	<ul style="list-style-type: none"> <li>-projector</li> <li>-brochure</li> <li>- agricultural publications about strawberry farming,</li> <li>-short term films,</li> <li>-powerpoints about the subject.</li> </ul>	
	5	Needs to be done to move to the highest levels of quality of Strawberry production	They know the problems of strawberry farming and look for the solutions.	<ul style="list-style-type: none"> <li>dialogue</li> <li>group work</li> </ul>	<ul style="list-style-type: none"> <li>-projector</li> <li>-brochure</li> <li>- agricultural publications about strawberry farming,</li> <li>-short term films,</li> <li>-powerpoints about the subject</li> </ul>	

TOTAL HOUR IS 100 HOURS.THE COURSE WILL START AT THE FIRST WEEK OF NOVEMBER ,2013 AND FINISH AT THE END OF MARCH 2014.