



**ASSOCIAZIONE  
CONCA D'ORO ONLUS  
FATTORIA SOCIALE**

**Structure of the training: 1 day every 15**

**Period: May – October**

This time span guarantees the maximum variety and complexity of working activities.

We could not detach agricultural worker, not to affect the production, therefore training regarded practitioners with little or none agricultural training and only two with knowledges in agronomy. The latter Agricultural professionals took part mainly in the afternoon sessions, when mainly educative topics were addressed. To the agronomic training also three users took part.

In charged of this training as coordinator was Eraldo Berti and Michele Patuzzi was appointed for the agricultural part.

	<b>Morning: 8:30 – 12:30 (social → agricultural)</b>	<b>Afternoon: 13:45 – 17:00 (agricultural → social)</b>
	<ul style="list-style-type: none"> <li>• co-working in the farm;</li> <li>• videos were taken when possible.</li> </ul>	<ul style="list-style-type: none"> <li>• follow up of informations given in the morning</li> <li>• observation as primary tool to plan an individualized action. Interpretation mechanism of different practitioners are compared.</li> <li>• Observation is a based on micro analysis of gestures and context.</li> <li>• operators' awareness; Aware and automatic ways of interaction; possible roles: educator, teacher, partner, carer, therapist. The real role of operators (beyond the formal one) has to conform to the institution's mission.</li> <li>• analysis of video taken in the morning during activities and of the</li> </ul>



		<p>abilities of operators and users, with attention to the ways of communication and interaction</p> <ul style="list-style-type: none"> <li>simulation (due to time shortage) of evaluation of competences, which should take 3-5 meetings, with the collaboration of a worker from the farm. The maieutical strength of this tool was clear in that several transversal competences emerged which could be used in several contexts. A further meeting, for all of Conca's operators is in our plans.</li> </ul>
<b>24/05/11</b>	Observation and analysis of horticultural vegetables: choices, causes, difficulties.	
	<b>Weeding with the hoe.</b> Choice of the proper tool according to the size of the plant (lattuces).	Analysis of the weeding by one of the users taking part in the activity (Monica). Comparison of her ways of action with those of other situations.
	<b>Gathering courgettes:</b> Picking courgettes by hand, without a knife requires to turn the item so that the stalk remains on the courgette, to avoid viruses to spread from one plant to the other.	To the operators this operation wasn't easy, requiring a careful choice of the handling point and use of the hand's strength. More then 50% of the stalks remained on the plant. Two users normally employed in this task instead, had better results.
<b>07/06/11</b>		Completed the analysis of the video on Monica. Her main characteristic are accuracy and precision, liable to become obsessive behaviours.



	Analysis of the <b>soil</b> . Trials of the hoe and sensorial test (smelling, crumbling). Comparison of different soils. Kinds of infesting plants. The informations given by infesting plants about the soil. Ways of patrolling infesting plants.	The question asked was: how to use her tendency to high precision and accuracy in a way it does not become an obsession and is functional and productive avoiding the risk of compulsivity? A first tentative answer has been suggested, to give her works requiring dynamism and precision.
		Comparing an operator and a user while hoeing, the user (Antonio) is much better then operators.
<b>21/06/11</b>	Functions of <b>infesting</b> plants	
	Useful and useless <b>insects</b> ; how to protect from the armful ones. Choices depends on the ratio between costs and benefits. The tolerance level: the trend is to use as little as possible even of the products allowed from the European community.	The “gesto interrotto” applied to adults and to to children. It has been difficult to apply this without affecting the production and risking the teacher attitude. It is necessary to find activities where to test on the field whether the application of this method causes or not waste of time.
<b>05/07/11</b>	Different kinds of <b>soil work according</b> to vegetables and infesting.	
	Different kinds of <b>manure</b> : muck/manure, compost, green manure. Compost production is limited the tools required to turn it are not available therefore it is not yet handled and only seldom used. An alternation of muck and green manure is instead used.	



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	<b>Machineries:</b> tractor, hedge trimmer, cultivator.	Learning how to start the machines with cords has proved to be difficult for new practitioners. It requires careful modulation of strength in the last part of the gesture. The difference between a learned user and a new coming practitioner is here astonishing. The apprenticeship depends on repetition and the ability to control the muscles tone, to feel the machine, so to say. Driving the tractor for plowing was easier for the deepness of the furrow and its linearity, regardless of the stony condition of the soil.
<b>12/07/11</b>	<b>Hoeing:</b> repeated cause not so easy, with regard to the correct postural attitude to be functional with the rhythm of action and the strength needed.	It has been often about contrasting postural habits. A social educator said she had to be constantly aware not being able to do it automatically, unless taking the risk of a mistake keeping a wrong direction of posture or an excessive bending of the body. This confirms that apparently easy agricultural tasks require constant change from conscious to automatic mood with attention to posture adjusted with continuous micro-postural changes. With regard to effectiveness, when this operation is not accomplished well, it is necessary to do it again after a week. This cannot be part of training for users unless the operator is fully aware of his own hoeing style and of the most functional and ergonomic tonic/postural asset as well as being well aware of the characteristics of the users' actions.
	<b>Washing and putting into boxes beetroots.</b>	The video taken at Noorderhoeve was analyzed. Is was very interesting to study this without knowing structures, people involved and context ahead, especially with regard to the operators' role, disability level and kinds of interactions. We hope in a counter analysis



		from Noorederhoeve to see interesting comparisons on the role in which operators see them selves and the users, on the level of autonomy and decision taking freedom that is given.
<b>19/07/11</b>	<b>Fight against dangerous insects.</b> The theme was continued with observations in the fields. Context actions are preferred to those straight against insects. For example, useful insects are helped with plantation of appropriate fences and the self defenses of plants are helped with appropriate soil: a strong plant can help her self. A continuous monitoring is needed to understand the impact of the attack. We observed that every year ladybugs are growing in number, and they are a very good defense against aphids. Only agains the beetle on potatoes and against flies on olives specific treatment is used. For the hernia on cauliflower, spread on an all the plot, we used green manure and moved the cultivation on another plot.	Even without knowing dangerous insects, operators can recognize damages provoked and can tell them to the agronomist. For the training of users the operator can bridge them with the agronomy specialist, enhancing in them an observation attitude and increasing the ability in making prevision as well as hypothetical thinking. Information are provided with questions and answers mode so to activate autonomous attempts to answer.
	<b>Vegetables families.</b> Special attention to the solanaceae that we grow in conca (potatoes, tomatoes, aubergines, peppers).	Case analysis of an interaction among an educator and a lady with psychiatric problems
<b>11/10/11</b>	Visit to the biological farm “Madre Terra” in Santa Maria	Different experience load, comparison of cultivation plans (following



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	di Sala, cultivating biologically for more then 20 years.	climate, soil, water supply, insects, ecc.); comparison of management plans (parasitic attacks, physiopathologies, economical income of cultivation, health maintenance of the plot, ecc.)
<b>25/10/11</b>	Test to check understanding and information persistence.	Different results according to quantity of work on the field among operators and users, better for users.
	Ideas are collected for next year (2012) agrarian plan (what to keep, what to leave, and why).	Agriculture as a tool for relational contiguity
		The same video of the first day was observed to see whether developments in observation point of view.