



U1- Introduction

<p>Objectives:</p> <ul style="list-style-type: none"> • Know various types of straw- know the difference between hay and straw • History of straw bale building • The properties of a good construction bale (moisture, direction of fibres, dimensions, density, content of cereal, type of string, shape,) • About the production techniques of straw bales • The health and safety regulations (fire hazard, dust, slipping) • Recommendations for the farmer in the production of good quality and good bales • Keep the bales dry and well ventilated during storage • Health / allergy <p>Method:</p> <ul style="list-style-type: none"> - Lecture/Talk - Practice - Power point 	<p>Trainer:</p> <hr/> <p>Place: Classroom</p> <p>Duration: 4 hours</p> <p>Equipment: Beamer Flip chart</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Theory</p>	<ul style="list-style-type: none"> - Impurity: other plants or stones inside - Quality control - Handling the bales: to preserve the good shape - Properties in different directions - Insulation value - Vapour resistance - Requirements for good building straw bales - Baling machines <ul style="list-style-type: none"> - Maintenance of machine - Different kinds of harvesting and baling machines - Good use of regulation of machine - Different twines 	<p>Documents:</p> <p>Info sheet: i1 straw material properties i2 straw bale properties i3 storage i4 baling machines i5 instruction for the farmer</p> <p>Text sheet: Tx1 manual of baling machine Tx2 the best bale (ASBN) Tx3 list of humidity measure</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Practice</p>	<p>Before the straw talk: Have grains talks of different types of cereal. The stalks go around the group and the trainees touch and discover the differences between them (length, colour, strength, see the wax protecting the straw, discover that the stalks are empty, etc.) Prepare 2 bales, one ideal construction bale, another in bad condition (increasing the bad conditions). The trainees have to discuss and discover the differences before the straw talk. Trainees will learn to use the hygrometer and to make the quality control</p>	<p>Slide show: Ppt1 the best bale (ASBN)</p> <p>Evaluation: Multiple choice</p>
<p>Organisation:</p> <p>Prepare classroom. Have different types grains talks. Two bales, prepare one in a bad condition (bad shape, high humidity, bad colour, low density, strings removed, with cereal, with herbs, short straw, etc.) and another ideal bale.</p>		