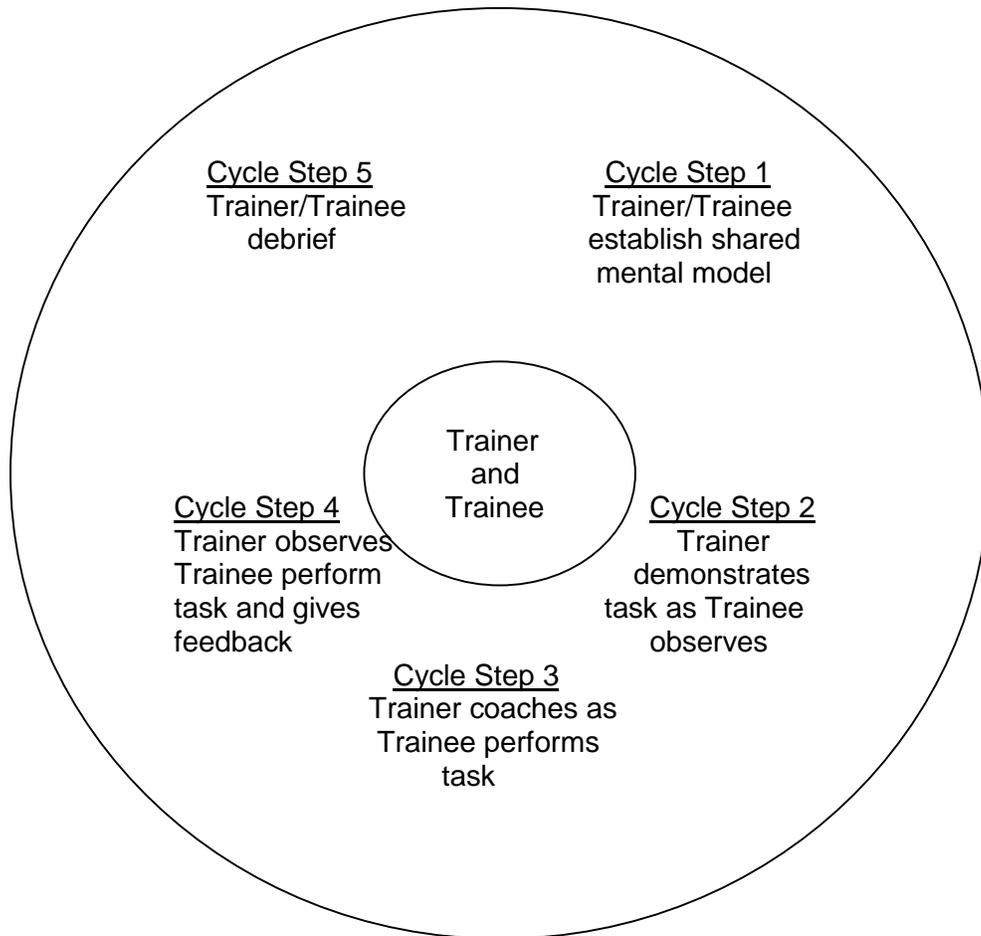


OJT Training Module Cover Sheet

Title: 722 How to measure plant production with the harvest method
Type: X Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to... <ul style="list-style-type: none">• Estimate annual total plant production of forage species by using the described harvest method.
Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform with supervision X Apply independently <input type="checkbox"/> Proficiency, can teach others
Trainer Preparation: <ul style="list-style-type: none">• Be familiar with the assigned reading material in the lesson plan that follows.
Special Requirements: None
Prerequisite Modules: <ul style="list-style-type: none">• 723 How to Measure Plant Production
Notes: None
Authors: Johanna Pate Kim Stine
Approved by: Shawn McVey

The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

Title: 722 How to measure plant production with the harvest method	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle Step 1	<p>You and trainee review the objectives of the module.</p> <p>You and trainee read and review:</p> <ul style="list-style-type: none"> • Sampling Vegetation Attributes: <ul style="list-style-type: none"> ○ Methods <ul style="list-style-type: none"> ▪ Harvest Method (page 112) <p>Note that three methods are referenced for measuring annual plant production:</p> <ol style="list-style-type: none"> 1. Comparative yield (estimates by weight units) 2. Double weight sampling (includes estimating and harvesting) 3. Harvesting (uses clipping of plots and air drying of harvested material to obtain a measure of dry matter production) <p>Note: An electronic copy of reference materials can be downloaded from numerous sites.</p>
Cycle Step 2	<p>Show trainee how to set up and conduct the harvest method:</p> <ul style="list-style-type: none"> • Review advantages and limitations • Review material and equipment • Review production data form • Taking photographs • Sampling process • Calculations
Cycle Step 3	Coach trainee as trainee completes sampling of another quadrat with the harvest method.
Cycle Step 4	Repeat Cycle Step 3 without coaching.
Cycle Step 5	Provide feedback and debrief trainee. Reinforce specific items as needed until trainee is able to independently measure plant production with the harvest method.

OJT Module Lesson Measurement of Learning

Title: 722 How to measure plant production with the harvest method	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.
Follow-up	Follow-up should be done within 6 months to make sure training is retained.

Performance Report Form

<p>Complete attachment: Trainee Performance Report Form template.pdf</p> <p>or</p> <p>SF-182 Trainee and/or supervisor access AgLearn to verify completion of the module via its SF-182</p>
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