



## Laar WD 60 Pro CSC

Measurement system for the detection of Red Palm Weevil (*Rhynchophorus ferrugineus*) & Fruit Stalk Borer (*Oryctes elegans*) at early stage of infestation



**Laar WD 60 Pro CSC  
Standard package**

The Laar WD 60 Pro CSC is a well proved and easy to use measurement system for the detection of Red Palm Weevil at early stage of infestation. Also the proof for the existence of *Oryctes spec.*, *Strategus spec.* and *Jebuses hammerschmidtii* in palms is possible.

Resulting from the measurement the cleaning operations in palm farms can be optimized. Also the success of other treatment methods can be checked by using this measurement system.



The Laar WD 60 Pro CSC measurement provide highest sensitivity and an absolute clear sound (to convince yourself click on the loudspeaker symbol on the following side and listen to the sound of feeding Red Palm Weevil larvae) which is very suitable for the difficult task to prevent miss interpretations.

Complex installations for Import/Export control certification of palm plants are possible. The quarantine time could be reduced from several months to four weeks.

- \* ***Prevention***
- \* ***Monitoring***
- \* ***Controlling***

In addition we offer also consultancy and training courses for the use of bioacoustic methods and interpretation of the measured events.

Also we are able to provide you with professional tools like battery drill machines with high torque, wound close-up and hole marker screws.



**Example for Import/Export certification application with seals**



**Young date palm 1 1/2 months after infestation with RPW**

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Measurement system for the detection of  
Red Palm Weevil (*Rhynchophorus ferrugineus*) & Fruit Stalk Borer (*Oryctes elegans*)  
at early stage of infestation



Drilling a hole



Insert the probe



Connecting with the device



Determine the status

## ***The four steps to success!***

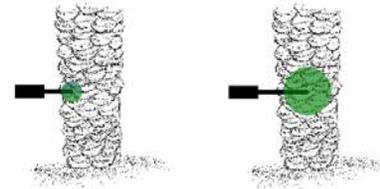
The work process is easy and provide the highest accuracy.

The efficiency of the system depend on the knowledge of the user. The learning is easy through the help of an Audio CD with reference sound samples and an information CD-ROM for computer with MS XP operating system.

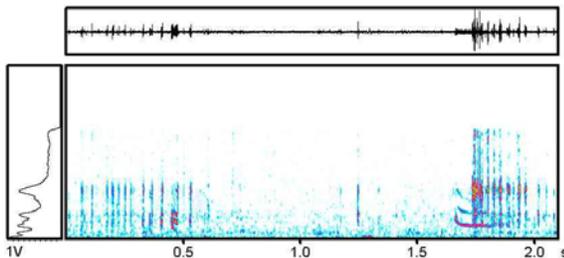
To become a certified user of the system we offer training courses for providing best results in determination.

## ***Why using insertion sensor?***

The use of an insertion sensor provide the best scan depth. With one measure point sound activities can be detected 40 cm around the position of the sensors. The maximum distance of the scan depth is higher, but in case of infestation at early stage with very small larvae the power of sound is lower than in case of infestation at later stage. So in due to this fact it is advisable to work with buffer for certain determination.



***Listen to the amazing sound of feeding  
Red Palm Weevil larvae (double click)***



## ***Contact/Order informations:***

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[www.laartech.biz/laartechagriculture/index.htm](http://www.laartech.biz/laartechagriculture/index.htm)

## **Different packages are available:**

### **Standard package Content:**

Laar WD 60 Pro CSC  
Headphones  
Manual  
Audio Sample CD  
Information CD-ROM Standard  
(including Visualsound Standard with database)  
8mm wood drill

Professional battery drill machines, wound close up, hole marker screws optional available.

**Developer/Science packages on request.  
Training courses on request.**