



Root & Nodule

Quantification

Software

PACKAGE CONTENTS

This document will give you an overview of the contents within the Root & Nodule Quantification Software folder that you have downloaded and extracted.

1. Instructions for imaging root systems for RNQS

This document contains important instructions that you should read before starting your experiment for important details on imaging your plants appropriately for the software. If these instructions are not followed carefully, the software will not work optimally, or may result in errors.

2. RNQS User Guide

This document will explain how to get set up to run the software in Matlab, including the names and explanations of programs you will run to extract root and nodule data.

3. RNQS programs

This folder contains the Matlab programs to be run. You will need to identify it to Matlab by setting the path (which is explained in the User Guide).

4. RNQS program demonstrations

This folder contains demonstrations of the programs to aid in illustrating how to use them.

5. RNQS Excel file variable descriptions

After processing data with the programs, results will be automatically extracted and stored in Excel files. This folder contains corresponding Excel files that define the variable names (headings) used in the outputted files.