ARC CENTRE OF EXCELLENCE FOR
PLANT SUCCESS
IN NATURE AND AGRICULTURE

LSOP Title	Using the plate reader
LSOP No.	LSOP49
Version	1.1
Location	UQ Node/Centre-wide
Policy/Procedure Link	*UQ- Equipment*
Risk Assessments	
Approved by	*Lindsay Shaw*
Date Approved	13/10/2021
Date Effective	05/08/2021
Next Review Date	05/08/2022
Contact for Assistance	plantsuccess@uq.edu.au

1.0   Scope

To outline the use of the plate reader.

2.0   Prescribed Actions
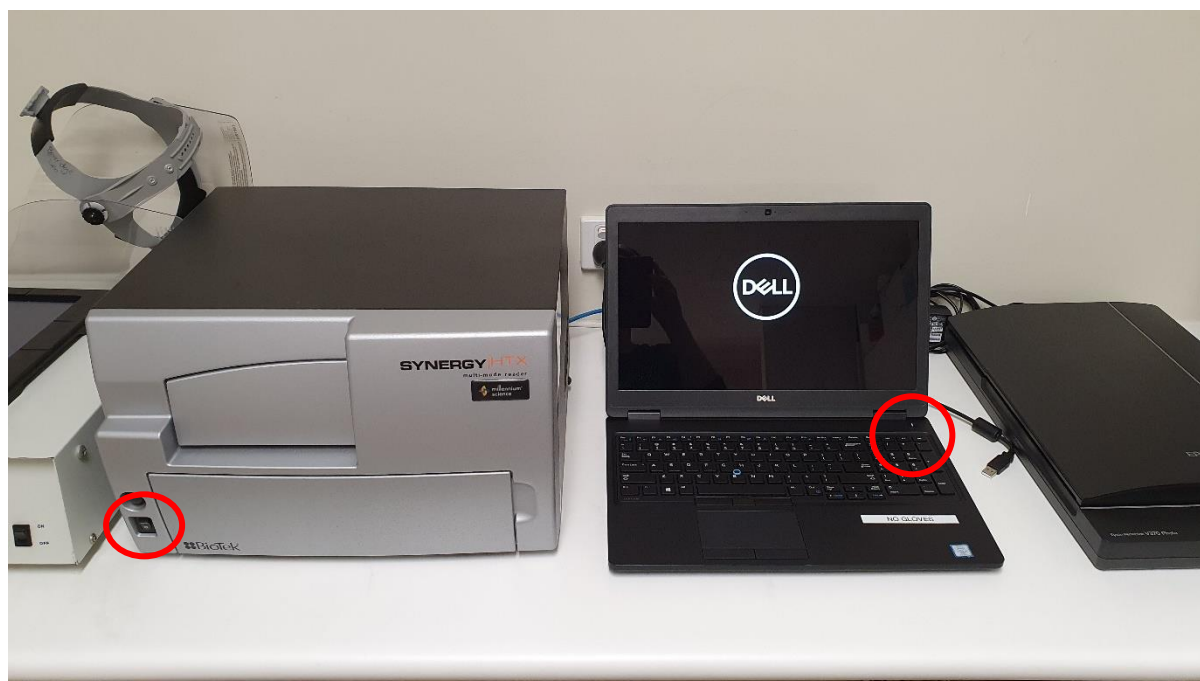
- Turn plate reader and PC on (Fig 1)

Figure 1: Power button for the plate reader and PC

NB: Plate reader will make some sounds while it calibrates

- Plate reader is ready when the black tray is PERMANENTLY located outside (see Fig 2). It will move in and out while calibrating.

Figure 2: Plate reader with the black tray out

- Start Gen5 software (see button circled in Fig. 3) on the computer and select your protocol of choice
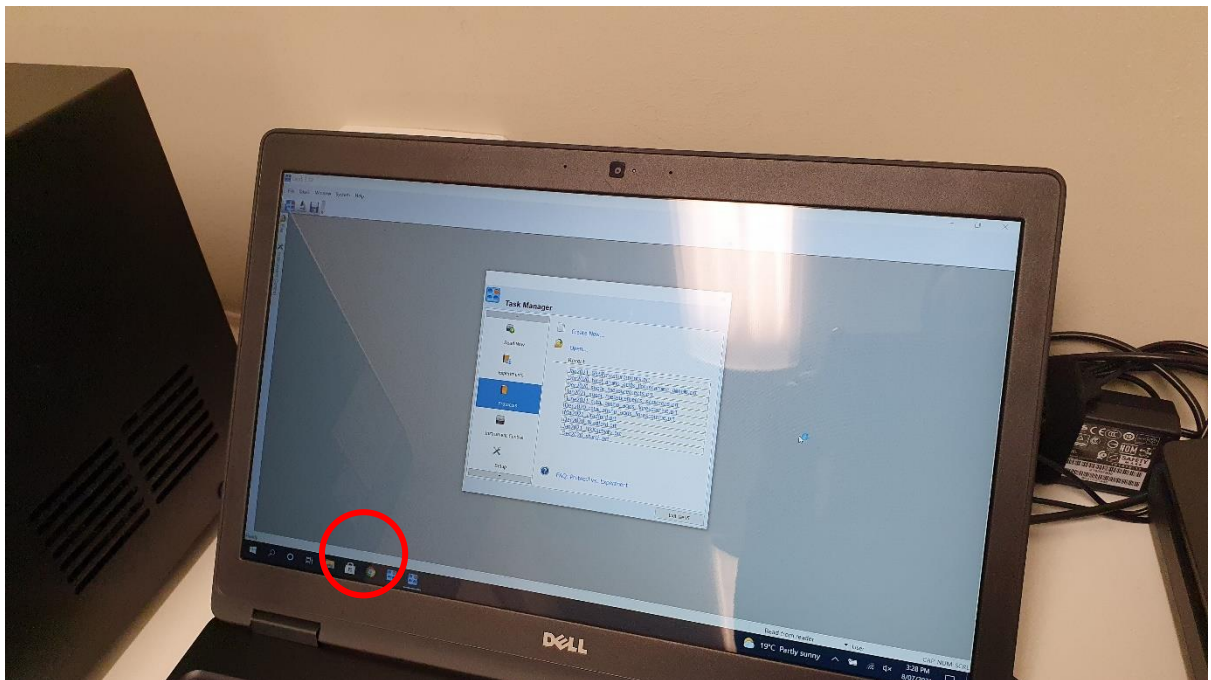

Figure 3: Gen5 software

- Put plate on the tray and follow instructions in software to start reading.

- To shut down first press the black button on the reader (red circle Fig 4.) and wait for black tray to go inside the reader and then press the off button (see blue circle Fig 4.)

Figure 4: Tray (red circle) and OFF (blue circle) button on the plate reader

- Shut down PC