**Supplementary Table 1.** Details regarding the variables measured, number of seeds, and method used to evaluate peanut seeds and seedlings.

|  |  |  |
| --- | --- | --- |
| Variables  | Number of seeds | Method |
| **Conventional tests - seeds** |
| Water content | 40 | ISTA (2020) |
| Germination (paper) | 100 |
| Germination (sand) | 100 |
| Time for 50% germination | 100 | Joosen et al (2010) |
| Seed weight | 100 | Krzyzanowski et al (2020) |
| Seedling emergence  | 100 |
| Seedling length | 40 |
| Seedling dry weight | 40 |
| **Multispectral images - seeds** |
| Seed area  | 170 | \* |
| Seed length | 170 |
| Seed width | 170 |
| CIELab *L*\* (Seed brightness) | 170 | Oliveira et al (2021) |
| Chlorophyll fluorescence *a* | 170 | Barboza da Silva et al (2021) |
| Chlorophyll fluorescence *b* | 170 |
| Chl a / Chl b | 170 | \* |
| Anthocyanin index | 170 | Galletti et al (2020) |
| Reflectance  | 170 |
| **Multispectral images - seedlings** |
| Chlorophyll *a* index | 40 | Galletti et al (2020)Oliveira et al (2021) |
| F0 | 40 |
| Fm | 40 |
| Fv/Fm | 40 |
| Anthocyanin index | 40 |
| Chlorophyll fluorescence *a* | 40 |

\* Variables obtained from the methodology presented in this paper.