

**Sample submission sheet: Avocado sunblotch viroid (ASBVd) Indexing
1 April 2022 – 31 October 2022**

Prize per sample:

- Established field trees: **R145** (excluding VAT) per individual sample or sample containing 3 pooled samples, 8 leaves from each tree. The prize include 3 re-tests to detect the positive plant within the batch of samples – **this option is optimal for budwood and seed source selection and verification, especially for trees with lower titre**
- Nursery trees: **R145** (excluding VAT) per batch of 20 nursery trees (2 leaves sampled from each plant)
- Contact us for sampling strategy and prize if you want to screen small field trees or any other enquiry

Sampling method:

❖ Sample from young and/or old leaves from symptomless trees. Plants can be submitted as **individual tree samples** or pooled in a sample as described above.

When **pooling trees**:

❖ **Sample eight leaves** from three plants and send as 3 individual samples (packed in individual bags and numbered 1.1, 1.2, 1.3) in one big bag (numbered 1). We will test a combination of 3 plants as one sample and when the combined sample, consisting of 24 leaves, test positive or weak positive, the 8 leaves per pooled sample will be tested individually. It is important to sample from **all main branches** of a tree.

❖ **(Please pack leaves neatly; one leaf on top of each other in a clear plastic bag, labelled 1, 2, 3, etc. and keep your own records of block and tree numbers. When you are sending individual samples in a big bag, number them 1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3 etc).**

❖ The advantage of pooling plants include a saving on courier cost and time for re-sampling especially where weak positives are detected. When the quality of the is no longer optimal, re-sampling will be requested from the client. Results will be given based on individual plants submitted.

Individual tree samples:

When submitting **individual trees** for testing, sample 21 -30 leaves from all the main branches of a tree, stack leaves and submit sample labelled 1, 2, 3, etc. and keep your own records of block and tree numbers.

Individual samples ensures a better representation of leaves per tree, to ensure optimal detection. Individual sampling are recommended for motherblock material.

❖ We will make every effort to process samples and give results to clients within 5-7 working days (this excludes public holiday and weekends) of receiving the samples.

❖ Clients are encouraged to include a positive and negative sample per batch. This is necessary and highly recommended for quality control and assurance. We also include our own controls in every test. Clients will not be billed for including known positive and negative controls.

❖ Results are sent to clients in PDF format. For ARC-TSC records, we save quantitation results and the report for future reference.

❖ Clients with a credit limit at ARC will be invoiced after the results were send and received. Pro Forma invoices will be send to clients with no credit facility at the ARC. We will request payment before results will be released.

Please arrange when you plan to send batches of more than 120 samples or large quantities. This will ensure that we are prepared with enough enzymes and consumables for the bigger batches.

- ❖ Clients are requested to send the leaf samples with a reliable, fast courier service, avoiding as much as possible traveling during weekends, where the parcels could be exposed in store houses at extreme temperatures. Send to the following address:

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