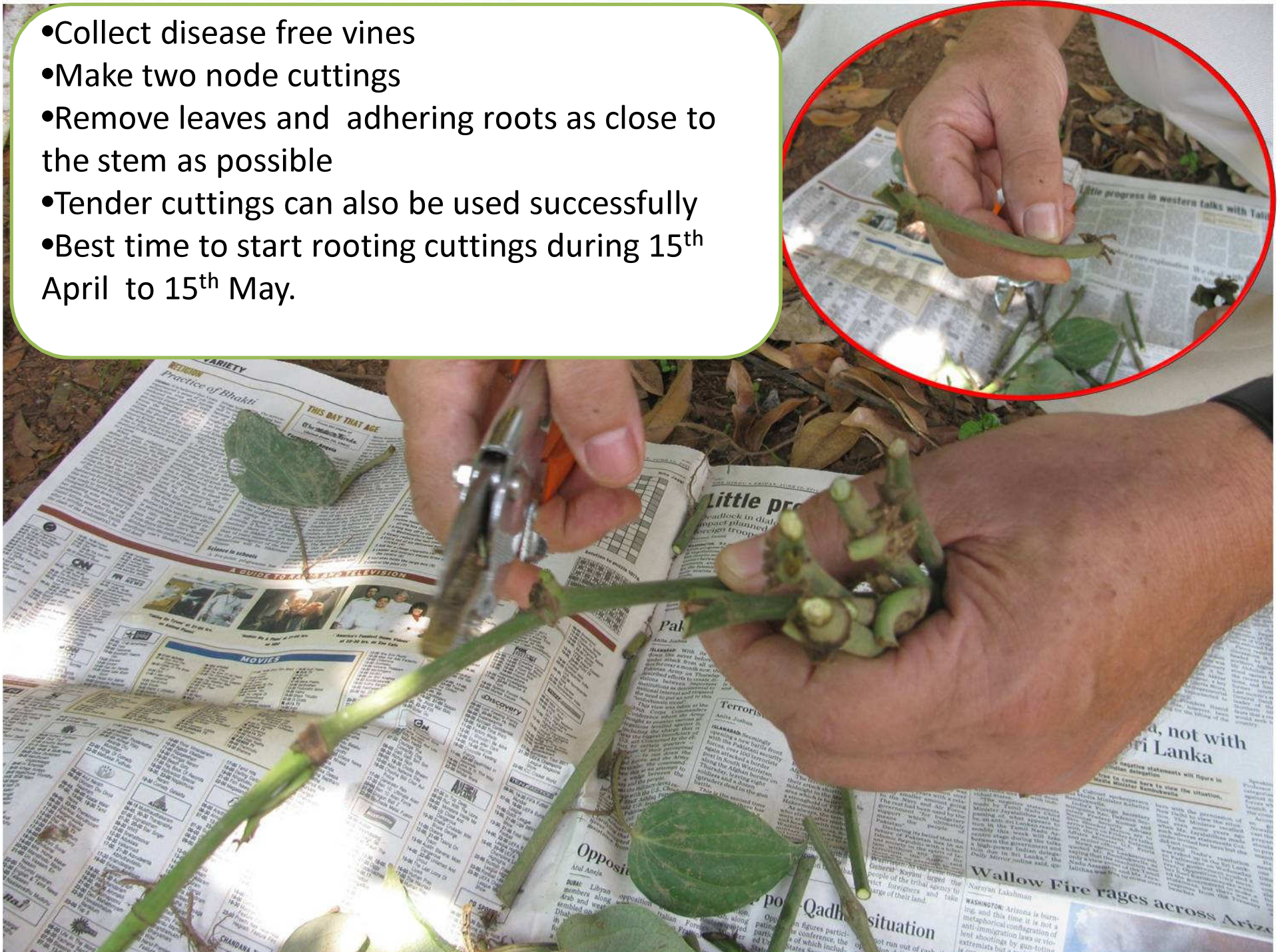


# **Closed Media Sachet Method for Black Pepper Propagation**

- Collect disease free vines
- Make two node cuttings
- Remove leaves and adhering roots as close to the stem as possible
- Tender cuttings can also be used successfully
- Best time to start rooting cuttings during 15<sup>th</sup> April to 15<sup>th</sup> May.



- Tie them into bundles of twenty and treat for 15-20 min with 0.1% carbendazim and little soap powder



- After 20 minutes , shake the cutting briskly to remove access water
- Keep on a paper to avoid infection



- Strain the burnt soil and fill up in the plastic bags
- Add Sufficient water to wet the soil



- Treat the base of cutting with rooting hormone and plant into the soil, taking care that one node is inserted into the media



•Cuttings are accommodated very closely.



•Place two GI Wires (U Shaped) , in opposite directions and unroll the plastic bag and tie the mouth tightly. Ensure to keep the system in sufficient light but avoid direct sun rays







- 100% rooting can be expected
- Cuttings will sprout and root in about 15-25 days depending upon the quality of the cuttings used.
- Care must be taken to ensure hygiene during the entire nursery operation.
- No need of irrigation or after care till the sachet is opened.

•Cuttings after 15 days.



- Plants ready to transfer to secondary nursery



Once the cuttings have sufficient shoots and roots (Physical Verification) , the sachet may be opened for about a week with normal irrigation before transferring to secondary nursery