




							<p>infestation is noticed.</p> <p><b>Pollu beetle</b> Spray neem oil (0.5%), once infestation is noticed.</p> <p><b>Nursery:</b> <b>Anthracnose</b> Spray Bordeaux mixture (1%).</p> <p><b>Basal wilt</b> Remove and destroy affected cuttings along with defoliated leaves. After periodic sanitation, the cuttings should be drenched with carbendazim (0.2%) or Bordeaux mixture (1%).</p> <p><b>Viral infections</b> Regular inspection and removal of infected plants. Regular monitoring for insects and spray with neem oil (0.5%) whenever infestation is noticed.</p> <p><b>Mealy bug and scale insects</b> Spray neem oil (0.5%), once infestation is noticed.</p> <p><b>Nematodes</b> Apply <i>Pochonia chlamydosporia</i> @ 1g/bag.</p>
<b>Cardamom</b>	<b>Harvesting</b>	Idukki, Wayanad (Kerala), Kodagu (Karnataka)	<p><b>Thrips</b> (<i>Sciothrips cardamomi</i>)</p> <p><b>Shoot borer</b> (<i>Conogethes punctiferalis</i>)</p>	<p>Low</p> <p>Medium</p>	<p><b>Leaf blight</b> (<i>Colletotrichum</i> spp.)</p> <p><b>Katte/Mosaic</b> (<i>Cardamom mosaic virus</i>)</p>	<p>Medium</p> <p>Low</p>	<p><b>Leaf blight</b> Maintain optimum shade level by providing 40-60% filtered light.</p> <p><b>Katte/ Mosaic</b> Prompt inspection of plantation, detection and rouging of virus</p>

					<p><b>Chlorotic streak</b> (<i>Banana bract mosaic virus</i>)</p>	Low	<p>sources (infected plants/volunteers) to reduce re-infection. The removed plants may be burnt or buried deep in soil. Removal of natural hosts like <i>Colocasia</i> and <i>Caladium</i> to destroy breeding sites and check population build-up of the vector.</p> <p><b>Chlorotic streak</b> Prompt inspection of plantation, detection and rouging of virus sources (infected plants/volunteers) to reduce re-infection. The removed plants may be burnt or buried deep in soil.</p> <p><b>Shoot borer</b> Spray quinalphos (0.075%).</p> <p><b>Thrips</b> Spray quinalphos 25%EC (0.075%) after undertaking thrashing.</p>
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Vanilla	Bean maturing/ Harvesting	Karnataka			<p><b>Premature yellowing and bean shedding</b> (<i>Colletotrichum vanillae</i>)</p> <p><b>Root and stem rot</b> (<i>Fusarium oxysporum</i> f.sp. <i>vanillae</i>)</p> <p><b>Viral diseases</b> (<i>Bean common mosaic virus</i>, <i>Bean yellow mosaic virus</i>, <i>Cucumber mosaic virus</i>, <i>Cymbidium mosaic virus</i>)</p>	Medium  Low  Low	<p><b>Premature yellowing and bean shedding</b> Provide 50% shade in the plantation. Spray carbendazim – mancozeb (0.25%) at 15 – 20 days interval.</p> <p><b>Root and stem rot</b> Soil drenching with copper oxychloride @ 0.25% followed by spray with carbendazim (0.25%) at monthly interval.</p> <p><b>Viral diseases</b> Regular inspection and removal of infected plants. The removed plants may be burnt or buried deep in soil. Control of vector (aphids) may be undertaken by spraying neem oil (0.5%).</p>
Ginger & Turmeric	Rhizome	Karnataka, Kerala	<b>Rhizome scale</b> ( <i>Aspidiella hartii</i> )	Low			<p><b>Rhizome scale</b> Harvest the rhizomes on time, discard severely infested rhizomes. Store seed rhizomes in sawdust + <i>Strychnos nuxvomica</i> leaves (dried) after seed treatment</p>

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