

AGI5274 Fruit Crops and Cut Flower Production

<b>Level</b>	5
<b>Course Code</b>	AGI5274
<b>Course Title</b>	Fruit Crops and Cut Flower Production
<b>Credit value</b>	2
<b>Core/Optional</b>	Optional (Agriculture)
<b>Course Aim/s</b>	To provide comprehensive knowledge on fruit crops and cut flower production in Sri Lanka
<b>Course Learning Outcomes (CLO):</b>	<p>At the completion of this course student will be able to:</p> <p>CLO1: Identify the potentials and constrains in fruit crops and cutflower industry of Sri Lanka.[PLO1]</p> <p>CLO2: Differentiate varieties of fruit crops, cut flowers and other ornamental plants.[PLO1][PLO2]</p> <p>CLO3: Describe cultivation and management practices of fruit cropsand cut flowers grown in Sri Lanka.[PLO2][PLO3]</p> <p>CLO4: Explain the principles and components of landscaping[PLO1][PLO2][PLO3]</p> <p>CLO5: Assessment of the current status of local fruit crops and cut flower industry.[PLO4][PLO5][PLO9]</p>
<b>Content (Main topics, sub topics)</b>	<p><b>Outline Syllabus:</b></p> <p>Unit 1: Cut Flower Production</p> <p style="padding-left: 20px;">Session 1 : Cut Flower Trade in Sri Lanka</p> <p style="padding-left: 20px;">Session 2 : Anthurium Culture</p> <p style="padding-left: 20px;">Session 3: Orchid Culture and Propagation of Orchids from Seed</p> <p style="padding-left: 20px;">Session 4 : Culture of Dendrobiums</p> <p style="padding-left: 20px;">Session 5: Culture of Vandas and Related Orchids</p> <p style="padding-left: 20px;">Session 6: Orchids and Other Cut Flowers for the Local Market</p> <p style="padding-left: 20px;">Session 7 : Export of Flowers and Foliage</p> <p style="padding-left: 20px;">Session 8: Horticulture Landscape I</p> <p>Unit 2: Fruit Crops</p> <p style="padding-left: 20px;">Session 10: Introduction to fruit crops</p> <p style="padding-left: 20px;">Session 11: Banana (<i>Musa spp.</i>)</p> <p style="padding-left: 20px;">Session 12 :Papaya (<i>Carica papaya</i>)</p> <p style="padding-left: 20px;">Session 13 : Mango (<i>Mangiferae indica</i>)</p> <p style="padding-left: 20px;">Session 14: Pineapple (<i>Ananas comosus</i>)</p> <p style="padding-left: 20px;">Session 15: Other fruit crops I</p> <p><b>Laboratory Work:</b></p> <ol style="list-style-type: none"> <li>1. Identification of specimens</li> <li>2. Propagation and repotting techniques of Anthuriums and Orchids</li> </ol> <p><b>Field visit:</b></p> <ol style="list-style-type: none"> <li>1. Fruit Crop Research and Development Station, Gannoruwa</li> <li>2. Floriculture Research and Development Unit, The Royal Botanical Gardens Peradeniya</li> </ol>