

PLANT RESEARCH WORKSHEET

In preparation for your Practical Assessment, you are required to identify and research a broad range of plants. Collate your findings in the following table. You should identify plants of a wide variety. These plants can be found in your area or from plant nursery stockists. Include:

- At least three (3) trees
- At least three (3) shrubs
- At least two (2) groundcovers
- At least three (3) palms
- At least three (3) vines.

For each plant, you are to record:

- Provide its name (both common name and botanical name)
- Describe its habits and features
- Identify its common pests, diseases and/or disorders
 - Explain corrective action treatments for the pests, diseases and disorders identified

Tips:

- You may take photos to assist with your research
- Nursery plant labels contain lots of valuable information to assist your research

Record number	Botanical name			Common name	Mature height/width	Habit	Special features	Cultural requirements and tolerances	Common pests/diseases/disorders (and suitable treatments)
	FAMILY	Genus	species						
Example	RUTACEAE	<i>Murraya</i>	<i>paniculata</i>	Mock Orange Rain tree	3m	Small tropical evergreen shrub	Glossy green foliage with dense growth suitable for hedging/privacy screening Profuse clusters of small white hi	Warm climate, sunny position/aspect Well drained soils	Stem borer: Controlled by regular pruning Phytophthora – root rot fungus: Use a Fungicide (e.g. Yates Anti Rot) Sulphur deficiency: Caused

Record	Botanical name			Common	Mature	Habit	Special	Cultural	Common pests/
1	rutaceae	citrus	C X sinensis	Orange tree	2m	Evergreen fruit tree	Orange fruit	Warm climate, sunny	Aphids- neem oil Sooty mould- neem oil
2	rutaceae	citrus	C limon	Lemon tree	3 - 6 m	Evergreen fruit tree	Lemon fruit	Warm climate , sunny	Aphids - neem oil Sooty mould - neem oil
3	rutaceae	citrus	C x aurantiifolia	Key lime tree	5 m	Evergreen fruit tree	Yellow fruit	Warm climate, sunny	Aphids- neem oil Sooty mould - neem oil

Record	Botanical name			Common	Mature	Habit	Special	Cultural	Common pests/
4	hydrangeaceae	Hydrangea Gronov ex L	Hydrangea macrophylla	hydrangea	2m	deciduous	Coloured flowers	Warm climate Well drained soil	Sooty mould -neem oil
5	rutaceae	murraya	M.paniculata	Murraya	3-7m	evergreen	White or cream coloured flowers	Warm climate well drained soil	Sooty mould - neem oil
6	myrtaceae	Callistemon R.Br.(1)	Callistemon acuminatus	Bottle brush	1-3 m	evergreen	Red bottle brush looking flowers	Full sun, warm climate, well drained soil	Scale- insecticide Sooty mould-neem oil

Record	Botanical name			Common	Mature	Habit	Special	Cultural	Common pests/
7	scrophulariaceae	Myoporum Banks & Sol.exG.Frost(1)	Myoporum boininensekoidz	myoporum	4-6 inches	evergreen	Dense green ground cover	Well drained soil, full sun	Thrips-neem oil Spider mites-neem oil
8	aizoaceae	mesembryanthemum	M. cordifolium	Baby sun rose	10 cm	evergreen	Bright pink flowers	Full sun, minimal watering	Mealy bugs- insecticide Scale- insecticide
9	Arecaceae	livistona	L.australis	Cabbage tree palm	Up to 30 m	evergreen	Large green glossy leavesleaves3-4 m	Sandy soil,warm climate,part shade	Wevil- insecticide

Record	Botanical name			Common	Mature	Habit	Special	Cultural	Common pests/
10	Arecaceae	Chamaerops L.	C. humilis	Fan palm	10-20 m	evergreen	Large fan type leaves	Moist soil ,part shade	Leaf spot fungi-fungicide
11	Arecaceae	Dypsis	D.lutescens	Golden cane palm	6-12 m	evergreen	Large leaves that curve upwards	Moist soil ,part shade	Ganoderma root and butt rot-fungicide
12	Fabaceae	Wisteria Nutt	Japanese wisteria	wisteria	6-9 m	deciduous	Hanging purple flowers	Well drained soil, full sun or part shade	Aphids, scale-insecticide

Record	Botanical name			Common	Mature	Habit	Special	Cultural	Common pests/
13	Oleaceae	Jasminum L.	Jasminum officinale	jasmine	6m	evergreen	Fragrant white flowers	Fertile, well drained soil, full sun	Rust- fungicide
14	Araliaceae	Hedera L.	Hedera	ivy	Up to 30 m	evergreen	Green leaves , climbing plant aerial roots that will affix to rock or tree bark	Full sun well drained soil	Mealybugs - neem oil