

Contents

Preface		1
Introduction		5
Types of Roses	Val Clarke	
Bush roses		7
Climbing roses		7
Rambling roses		8
Shrub roses		8
Groundcover roses		9
Standard and weeping roses		9
Miniature-type roses		10
Heritage and species roses		10
Planting Roses	Trevor McIlroy	
Purchasing rose plants		11
Planting		12
Pruning newly planted roses		13
Transplanting or shifting older roses		13
Pruning Roses	Eileen Wilcox	
Why we need to prune roses		14
When to prune		14
Pruning principles		15
Light or heavy		17
Basal shoots		17
Standards		17
Floribundas		18
Miniature-type roses		18
Climbers		18
Ramblers		19
Heritage roses		19
Pillar roses		19
Good pruning practises		19
General Care and Maintenance	Hayden Foulds	
Feeding		20
Soil pH		20
Nutrients		22
Micronutrients		23
Fertilisers		23
Organic or Natural Fertilisers		24
Inorganic Fertilisers		25
Soil pH and lime		25
Lime products		25
Fertiliser applications		25
Soil testing		27

Contents

Watering	27
Mulching	28
Weed control	30
Deheading and summer trimming	31
Organic care	33
Rejuvenating potted roses	34
Using Roses in your garden	
Companion planting	37
Growing roses in containers	38
Pests and Diseases	
Importance of the environment	41
Powdery mildew	42
Black spot	43
Rust	44
Downy mildew	45
Botrytis blight	46
Silverleaf	47
Dieback & canker	48
Leaf spot	49
Wilt	49
Crown gall	49
Viruses	50
Aphids	51
Caterpillars	52
Scale insects	52
Thrips	52
Beetles	52
Mites	53
Nematodes	53
Possums and rabbits	53
Chemical control	54
Biological control	55
Integrated Pest Management	56
Organic rose culture	56
Pesticide safety - handling of agrichemicals	57
Practical safety of pesticide usage	58
Handling of agrichemicals	59
Rose phyllody	59
Herbicide damage	59
Environmental issues	60
Nutrient imbalances	61
Suckers	62
Blind shoots	62
Split centres	62
Dawn Eagle	
Doug Grant	

Contents

Propagation and Hybridising	John Ford	
Cuttings		63
Selection of material		63
Making the cutting of bush roses		63
Mini and patio cuttings		63
Treatment of the cutting		63
Budding		64
Preparation		64
T-budding		65
Chip budding		66
The art of rose breeding		67
How do we get new rose cultivars		67
Selecting our parents		67
When do we do it and how?		69
Potentially successful seedlings		69
Protecting new cultivars		70
Sports or genetic mutations		70
Exhibiting Roses	Derrol & Helen White	
Exhibition blooms		72
Decorative blooms		72
Fully open blooms		72
Small and large stems		73
Buds		73
Vase classes		74
Display vases		74
Vases of blooms		74
Pre-show preparation		74
Disbudding		74
Other aspects		74
Picking blooms		74
Transporting roses to show		75
Tips for exhibiting roses		75
30 days before rose show		76
Up to three days before rose show		76
Toolkit for the show		76
Staging your entries		76
Rose Care Calender		77
Glossary of Terms		81
Public rose gardens in New Zealand		84