

INDEX

Acetylene 66, 84

Acidity

- changes during ripening 60, 82
- in processed mangoes 120, 140
- maturity index 46, 49
- varietal differences 112

Alphonso

- chemical composition 46-48, 60-68
- chilling injury 89
- colour 44, 81
- processing 117, 121
- respiration of 57
- taste 81

Amchoor 116-118

Amelie 58, 67, 89

America 5, 6, 109

Amylase 60

Anthocyanin 13, 58

Anthracnose 16, 29-38, 44

- control 30, 32, 50
- effect of rainfall 13
- varietal resistance 11, 31

Arabinose 101

Ascorbic Acid

- levels in processed products 116-117, 119-122, 130

Barbados 4

Belize 10

Banomy 30-34

Benzlamino purine 69, 91

Beverages, 117, 124, 125

- alcoholic 140

Brazil 31, 34, 109

Brine Curing 114

Brix 47

- Calcium
 - effect on ripening 91, 102
 - fruit softening 80, 102
 - in processed slices 122
- Canada 6
- Canning 121-127
- Carabao
 - anthracnose resistance 31
 - chemical composition 45, 48
 - colour 81
 - taste 82
- Carotenoids 112
 - changes during ripening 58, 81
 - effect of temperature 63
 - in processed products 116, 120, 130, 140
 - varietal differences 112
- Carrie 31
- Cellulose 80
- Chilling Injury 51, 62, 64, 79, 85-89
- Chloromequat 69
- Chutney 115, 116
- Citric Acid 61, 82
- Climacteric 34, 57, 62, 64, 83
- Colour 43, 44, 51, 58
- Copper Sulphate 30
- Cupric Hydroxide 30
- Dashehari
 - chemical composition 45, 47
 - colour 44, 58
 - processing 121
 - storage 66, 67
 - taste 82
- Dehydrated Products 116, 117, 128, 129, 137, 138
- Dichlorophenoxy acetic acid 69, 91
- Diethyldithiocarbamate 69

Dimethylhydrazide 69

Dominica 6

Ethephon 48

Ethrel 48, 65

Ethylene, 16, 51, 57, 58, 64, 65, 83

Ethylene dibromide 6

Europe 4, 110

Fertilizer 13, 26

Flavour 43, 51, 60, 81, 139

Florida 5

Flowering 12, 16, 24

Freezing 117

Fructose 60, 82

Fruit Fly 68

Fungicides 33

Galactanase 101

Galactosidase 101

Glucose 60, 82

Golek 46, 47

Haden 11

- colour 44, 45, 58
- effect of temperature 63
- processing 119
- respiration 84
- storage 67, 90

Heat Injury 74

Himsayer 58

Hypobaric Storage 68

India 7, 84, 109-111

Intermediate Moisture Mango 130, 131

Irwin

- anthracnose resistance 32
- effect of temperature 63
- maturity index 47
- processing 119
- storage 68

Jamaica 5, 10, 34, 35

Julie 5

- chemical composition 46
- colour 44
- effect of temperature 63
- storage 67, 89
- vigour 25

Keitt 11

- anthracnose resistance 32
- chemical composition 60, 61
- effect of temperature 62, 63
- storage 90

Kensington

- anthracnose resistance 32
- chemical composition 82
- climacteric 83
- colour 81
- maturity index 47
- storage 88, 89

Kent

- anthracnose resistance 33
- colour 58
- effect of temperature 62, 63
- ethylene 65, 83

Kernels 142

Langra

- maturity index 46, 47
- processing 119, 121
- softening 59
- storage 67

Lippens 32

Malgoa 117

Mali 5, 7

Malic hydrazide 69

Mamey 58, 63

Mancozeb 30, 31

Mango
 cereal flakes 134, 135
 concentrate 138, 139
 custard 134, 136
 fruit bar 131-133
 jam 128
 seed weevil 68
 toffee 128, 129, 142

Mexico 5, 7 109

Modified Atmosphere Storage 67, 79, 81, 89

β -Naphthoxyacetic acid 48

Neelum 31, 63

Nutritive value 43

Osmotic dehydration 130

Pairi
 climacteric 57
 effect of temperature 63
 maturity index 45, 46
 processing 117, 121

Palmer 11, 32

Pectin 59, 80, 99, 102, 122, 141

Pectin methylesterase 59, 101, 101

Pickles 115

Polygalacturonase 59, 80, 100, 102

Processing 7, 10, 45, 111, 114, 142

Production 1, 4, 10, 109, 143

Pruning 15, 27

Puree 121

Refrigeration 62, 85

Respiration 49, 57, 83, 85

Ripening
 effect of ethylene 65
 effect of temperature 62

St Lucia 5, 6

St Vincent 5

Saigon 31

Seed Kernels 142

Sensation 32, 45, 68

Slices 114

Specific Gravity 45, 83

Starch
 changes during ripening 46, 49, 60, 82
 in processed products 116, 141, 144

Storage Life 49, 62

Sucrose 45, 60, 82

Sugars
 changes during ripening 60, 82
 in processed products 116, 141
 varietal differences 112

Texture 43, 52, 58, 79, 99, 122

Tommy Atkins
 anthracnose resistance 31, 32
 chilling injury 90
 effect of temperature 63
 storage 65-67

Total Soluble Solids
 changes during ripening 46, 47, 82, 86
 in processed products 120, 141
 varietal differences 112

Totapuri
 ethylene 64, 65
 processing 119, 121, 141

Trade 4, 57, 110

Trichlorophenoxy propionic acid 69, 91

Trinidad 4, 10

Varieties (see also under individual names) 11
 chemical compositions 112
 geographical locations 109

Vitamins (see also ascorbic acid) 1, 58 111, 129

Waste Utilization 141

Waxing 68

Willard 31

Windward Isles 4, 10

Zill 32, 45

Zineb 69