

How to grow Citrus Fruits: Planting, Growing, and Harvesting

**Lemon, Orange, Mosambi, Sweet Lime,
Mandarin, Grapefruit, Kinnow Mandarin,
Sour Lime, Pummelo, Orchard**

Introduction

Citrus trees are evergreen and can have both flowers and fruit at the same time, so they are treated a bit differently than other fruit trees. They store food reserves in their leaves and must therefore be protected from stresses that will cause leaf drop. Although the cycles are not as obvious as the cycles in temperate fruit trees, citrus trees go through different stages throughout the year.

Citrus are hungry plants and need regular feeding. Use high nitrogen summer feed (such as liquid lawn food which is widely available) from late March to October. There is no need to feed from late October to late March.



The flavours provided by citrus are among the most preferred in the world, and it is increasingly evident that citrus not only tastes good, but is also good for people. It is well established that citrus and citrus products are a rich source of vitamins, minerals and dietary fiber (non starch polysaccharides) that are essential for normal growth and development and overall nutritional well being. However, it is now beginning to be appreciated that these and other biologically active, non nutrient compounds found in citrus and other plants (phytochemicals) can also help to reduce the risk of many chronic diseases.

Appropriate dietary guidelines and recommendations that encourage the consumption of citrus fruit and their products can lead to widespread nutritional benefits across the population. All citrus fruit is acid fruit. The acid fruits are the most detoxifying fruits and excellent foods. Lemon oil is obtained from the fruits of citrus Limonum, Risso (Rutaceae). Although the majority of commercially available essential oils are extracted from the original botanical material by use of steam distillation, most citrus essential oils are extracted by pressing the rinds of the citrus fruits.

The oil of sweet orange is obtained from the fruits of citrus Aurantium Risso and the oil of bitter orange from fruits of citrus Bigaradia Risso (Auranciaceae). Orange Essential Oil is energizing and is usually well loved by men, women and children. Citrus fruit oils are cheaper than most other essential oils. Lemon or sweet orange oils that are obtained as by products of the citrus industry are even cheaper.

Some of the fundamentals of the book are botanical classification, classification of genus citrus, criteria for citrus classification, information on important citrus fruits, subgenus fucitrus (edible citrus fruits),

citrus cultivation, citrus fruits, kinnow mandarin, citrus fruit breeding, soil inspection for citrus family, nutrition for citrus world, proper harvesting of citrus, post harvesting of citrus fruits, etc.

This handbook on citrus fruits provides relevant information on most citrus crops, the basics of citriculture & production, pre & post harvest management, picking, storage etc. Selected topics on oil extraction of citrus fruits are also given to provide knowledge of the techniques used. This book will be helpful for technocrats, farmers, research scholar, institutions etc.

Table of Contents

1. Botanical Classification

Classification of Genus Citrus

Criteria for Citrus Classification

Different Classification

Subgenus Eucitrus (10 Species)

Subgenus 2. Papeda (6 Species)

Subgenera 1. Archicitrus (5 Sections, 98 Species)

Subgenera 2. Meta Citrus (3 Sections, 46 Species)

Others of Somewhat Doubtful Classification

Information on Important Citrus Fruits

Subgenus Fucitrus (Edible Citrus Fruits)

Acid Group

Citrus Medica Linn. (Citron)

Citrus Lemon Burm (Lemon)

Citrus Aurantifolia Swingle (Acid Lime)

Citrus Latifolia Tanaka (Tahiti or Persian Lime)

Citrus Limettioides Tanaka (Sweet Lime)

Citrus Jambhiri Lush (Rough Lemon; Jambiri)

Citrus Limetta Risso (Limetta of the Mediterranean)

Citrus Karna Raff (Kharna Khatta)

Citrus Limonia Osbeck (Rangpur Lime)

Citrus Pennivesiculata Tanaka (Gajanimma)

Orange Group

Citrus Aurantium Linn (Sour, Bigarade or Soville Orange)

Citrus Sinensis Osbeck (Sweet Orange)

Citrus Myrtifolia Raffinesque

Citrus Bergemia Risso (Bargmot Orange)

Citrus Natsudaiddai Hayata

Pumelo-Grapefruit Group

Mandarin Group

Citrus Reticulate Blance (loose skinned orange or Santra of India)

Citrus Unshiu M (Satsuma Mandarin)

Citrus Deliciosa Tenore

Citrus Nobilis Loureio (King Mandarin)

Citrus Reshni Tanaka (Spice Mandarin)

Citrus Medurensis Lou (Calamondin)

Citrus Madaraspata Tanaka

Subgenus Papeda : (Inedible Citrus Fruits)

Eupapeda Citrus

Citrus Macroptera (Metanewsian Papeda)

Papeda Citrus

Citrus Ichangensis

Citrus Iatipes (Khasi Papeda)

Kumquats

Fortunella Margarita Swingle (Nagami or Oval Kumquat)

Fortunella Japonica Swingle (Marumi or Round Kumquat)

Fortunella Crassiflora Swingle (Meiwa Kumquat)

Fortunella Bindsii Swingle (Hong Kong wild Kumquat)

Poncirus Trifoliata L. (Trifoliate Orange)

Citrus Relatives

Aegle Marmelos Linn. (Bael)

Feronia Limonia (Linn) Swingle (Wood apple)

2. Citrus Cultivation

Sweet Oranges

Citrus Sinensis Osbeck

Batavian

Hamlin

Jaffa

Malta Blood Red

Mosambi

Pineapple

Sathgudi

Shamouti

Valencia Late

Washington Navel Oranges

Mandarin Oranges

Citrus Reticulata B.

Calamondin (Citrus Madurensis Lou)

Cleopatra (Spice Tangerine) C. reshni T.

Coorg Orange

Dancy Tangerine

Desi Mandarin (Pathankot)

Khasi Orange

King Mandarin

Kinnow Mandarin

Nagpur Santra

Satsuma Orange (C. unshiu M.)

Temple Mandarin

Lemon C. limon Burm

Eureka Lemon

Lisbon Lemon

Lucknowseedless

Hill Lemon (Galgal) C. pseudolimon Tanaka

Malta Lemon

Meyer Lemon

Napali Oblong

Villafranca

Lime

Acid Lime (Citrus aurantifolia Swingle)

Tahiti (Persian) Lime (C latifolia Tanaka)

Rangpur Lime (Citrus Limonia Osbeck)

Sweet Lime (Citrus Limettioides Tanaka)

Pummelo (C.Grandis Osbeck)

Nagpur (Chakotra)

Grapefruit (C.Paradisi Macf)

Duncan

Foster

Marsh Seedless

Ruby

Shaharanpur Special

Thompson (Pink Marsh)

Citrus Hybrids

Inter Generic Hybrids

Hybrids of Poncirus

Citranges

Citrangquats (Cit)rus O(range) Kum(quats)

Citrangedins (cit)rus O(range)~Calomon (din)

Citrangors

Cleitranges

Citrumelos

Hybrids of Fortunella

Procimequat (Pro(to)C(itrus~L)imequat.

(Fortunella japomica~C.aurantifolia, Cv. Mexican)~F.hindsii.

Limequats (C. aurantifolia~F. japonica)

Orangequats. (C. reticulata Cv. satsuma~F. japonica~F. morgarita Cv. meiwa)

Hybrids of Genus Eremocitrus

3. Citrus Fruits

Sweet Orange

Climate

Soil

Cultivars

Mosambi

Blood Red Malta

Sathgudi

Pineapple

Washington Navel

Jaffa

Shamouti

Valencia Late

Hamlin

Batavian

Propagation

Raising of Seedlings for Rootstock

Budding

Planting

Manure and Fertilizers

Irrigation

Interculture and Intercropping

Training and Pruning

Bahar Treatment

Fruit Drop

Physiological Fruit Drop

Control Measures

Pathological Fruit Drop

Control Measures

Harvesting

Yield

Post Harvesting Handling and Storage

4. Mandarin

Uses

Climate

Soil

Varieties

Nagpur Santra

Khasi Orange (Mandarin)

Coorg Orange

Desi Mandarin (Pathankot)

Other Varieties

Propagation

Manure and Fertilizers

Yield

Post Harvest Handling and Storage

5. Kinnow Mandarin

Uses

Climate

Soil

Propagation

Planting

Manures and Fertilizers

Irrigation

Interculture and Intercropping

Flowering and Fruiting

Harvesting

Yield

Post Harvest Handling and Storage

6. Sour Lime

Uses

Climate

Soil

Types/Varieties of Lime

Kagzi Lime

Chakradhar Lime

Rangpur Lime (*Citrus limonia* Osbeck)

Taheti (Persian) Lime (*C. latifolia* Tanaka)

Propagation

Raising of Seedlings

Planting

Manure and Fertilizers

Irrigation

Interculture and Intercropping

Training and Pruning

Flowering and Fruiting

Harvesting

Postharvest Handling and Storage

7. Sweet Lime

Uses

Climate

Soil

Varieties

Mitha Chikna

Propagation

Planting

Manures and Fertilizers

Irrigation

Training and Pruning
Flowering and Fruiting
Harvesting
Yield
Handling and Storage

8. Lemon

Uses
Climate
Soil
Varieties
Eureka
Lisbon Lemon
Villafranca
Lucknow Seedless

Nepali Oblong

Baramasi

Kagzi Kalam

Hill Lemon. (Galgal) C. pseudolemon Tanaka

Meyer Lemon

Pat Lemon

Italian Lemon

Rajamundry Lemon

European Lemon

Ponderosa Lemon or Japanese Lemon

Malta Lemon

Propagation

Planting

Irrigation

Manure and Fertilizers

Training and Pruning

Improvement in Yield

Harvesting

Yield

Post Harvest Handling and Storage

9. Grapefruit

Uses

Climate

Soil

Varieties

Marsh Feedless

Duncan

Foster

Saharanpur Special

Ruby

Thompson (Pink Marsh)

Triumph

Propagation

Planting

Irrigation

Training and Pruning

Flowering and Fruiting

Harvesting

Yield

Post-harvest Handling and Storage

10. Pummelo

Uses

Climate

Soil

Varieties

Propagation

Planting

Cultural Practices

Harvesting and Yield

Insect-pests of Citrus Fruits

Lemon Butterfly (*Papilio demoleus* Linn)

Control Measures

Citrus Leaf Miner (*Phylloenistis Citrella* Stainton)

Control Measures

Citrus Psylla (*Diaphornia Citri* Kuwayma)

Control Measures

Whiteflies

Control Measures

Aphids

Control Measures

Mites

Control Measures

Scale Insects

Control Measures

Nematodes

Control Measures

Stem and Bark Borers (*Indarbela Tetraonis* Moore and *I. qudrinotata* Walker)

Control Measures

Fruit Sucking Moths (*Ophideres* spp).

Control Measures

Fruit Flies (*Daccus* spp).

Diseases of Citrus Fruits

Gummosis (Photophthora spp, Diplodia Natalensis Pole Evans)

Control Measures

Ganoderma Root Rot (Ganoderma Lucidum Karst)

Control Measures

Pink Disease (Pellicularia Salmonicolour Dastur)

Control Measures

Powdery Mildew (Acrosporium Tingitaninum Subr).

Control Measures

**Anthrachnose (Colletotrichum Gloeosporioides and Gloeosporium
Limethicolum Clausen)**

Control Measures

Twig Blight (Diplodia and Fusarium spp.)

Control Measures

Citrus Canker (Xanthomanas Citri Dowsan)

Control Measures

Tristeza Virus Disease (Corium Vialoris)

Control Measures

Xyloporosis

Control Measures

Psorosis

Control Measures

Exocortis or Scalybutt

Control Measures

Citrus Greening

Control Measures

Dendrophthoe

Control Measures

Fruit Cracking

Control Measures

Control Measures

Citrus Decline

Control Measures

Granulation

Control Measures

Fruit Drop

Control Measures

Alternate Bearing

Control Measures

11. Citrus Fruit Breeding

Aims of Citrus Breeding

Related to Fruit Characters

Related to Tree Characters

Related to Rootstocks

Problems in Citrus Breeding

Time

Polyembryony

Sterility

Breeding Method

Introduction

Selection

Hybridization

Mutation Breeding

Choice of the Procedure

Cytogenetics

Blossom Biology in Citrus

Blooming Period

Flower Bud Differentiation

Flower Bud Development

Inflorescence

Sex Ratio

Anthesis

Dehiscence

Stigma Receptivity

Storage, Longevity and Fertility of Pollen

Pollen Germination

Pollination and Fecundation

Fruit Development

Technique of Hybridization

Structure of the Citrus Flower

Calyx

Corolla

Stamens

Pistil

Selection of Parents

Selection of Seed Parent Trees, Branches and Flowers

Bagging the Flowers

Emasculation

Pollination

Fruit Set

12. Suitable Climate

Influence of Climatic Factors

Temperature

Relative Humidity

Rainfall

Winds

Altitude

Climatic Requirements of Different Citrus Species

Sweet Oranges (Citrus Sinensis Osbeck)
Mandarin Oranges (Citrus Reticulata Blanco)
Acid Lime (Citrus Aurantifolia Swingle)
Sweet Lime (Citrus Limettioides Tanaka)
Lemon (Citrus Limon B)
Grapefruit (Citrus Paradisi Macf)
Pummelo (Citrus Grandis Osbeck)
Climate in Different Regions of India

13. Type of Soil

Water Drainage
Depth of the Soil
Nature of the Subsoil
Soil-reaction
Salts

Type and Fertility of the Soil

Soils Requirement of Different Citrus Species

Citrus Soils of India

Citrus Soils of Elsewhere

Work Done in India

Citrus Breeding in U.S.A.

Tangelos (Tangerine × Grapefruit)

Citranges (Poncirus Trifoliata × Citrus Sinensis)

Citrangquats (Citrange × Kumquat)

Limequats (Mexican Lime × Kumquat)

Hybrid acid Citrus fruit

Mandarin Types

Citrus Breeding in U.S.S.R.

Citrus Breeding in Other Countries

New Approaches in Citrus Breeding in India

14. Making an Orchard

Selection Of Site

Spacing

Preparation of the Site

Layout

Selection of Varieties

Digging and Filling of Pits

Planting Season

Planting

Care of Young Plants

15. Cultivation of an Orchard

History

Cultivation

Greenhouse

Orchad House and its Management

Composts, Potting Methods, and Containers

Bark Preparation

Feeding of Orchad Plants

Outdoor Cultivation of Orchads

Growing Orchads in Outdoor Beds

Vegetative Propagation

Raising of Orchads from Seeds

Care of Seedling

Shoot Tip or Meristem Culture

Differentiation of Flower Buds and Induction of Flowering

Resting

Method of Hybridisation

Storing Pollen

Procedure for Pollination

After Pollination

Diseases and Pests

Control Measures for Fungal Diseases

Viral Diseases and their Control

Insect Pests and their Control

16. Propagation of Citrus Fruits

Seed Propagation

Seed storage

Seed Bed

Sowing Time

Sowing

Germination

Shade

Nursery Bed

Care of the Young Seedlings

Asexual Propagation

Budding

Preparation of Stock Seedling

Collection of Budwood

Storage of Budwood

Method of Operation

Height of the Budding

Lopping

Care of Young Budlings in the Nursery

Digging of Budlings

Transporting

Budwood Certification Programmes

Cuttings

Layering

Grafting

Top-Working

Purchasing of Seedlings or Budlings

Care of Plants on Arrival from the Nursery

Propagation of Different Citrus Species

Bud Variation

Causes of Bud Variations

Classification or Variations

Significance of Bud Variation

Bud Selection

Bud Selection Methods

Nucellar Embryony

Origin and Development of Nucellar Embryos

Factors Affecting the Polyembryony

Identification

Inheritance of Nuclear Embryony

Nuclear Embryony in Citrus Species and Cultivars

Strongly Polyembryonic

Weakly Polyembryonic

Number of Embryos Per Seed

Number of Nuclear Seedlings Per Seed

Horticultural Significance

Significance of Nuclear Embryony in Citrus Breeding

Nuclear Embryony and Heterozygosity

Drawback of Nuclear Seedlings

Performance of Nuclear Lines

In Vitro Culture of Nuclear Embryos

17. Budded Roots

Qualities of a Good Rootstock

Citrus Rootstocks in India

Citrus Rootstocks of the World

Rootstock Trials in India

Punjab

Uttar Pradesh

Assam

Andhra Pradesh

Maharashtra

Karnataka

Tamil Nadu

Characteristics of Rootstocks

Cleopatra Mandarin: Citrus Reshni T.

Troyer Citrange

Citrus Sinensis ã- Poncirus Trifoliata
Swingle Citrumelo
Duncan Grapefruit ã- Trifoliata Orange
Stock and Scion Relationships in Citrus
Effect of Root stock on Vigour of the Scion
Effect on Precocity
Effect on Productivity and Yield
Effect on Fruit Size, Colour and Quality
Effect on Winter Hardiness
Effect on Nutrition
Effect on Disease Resistance
Effect of the Scion on Rootstock
Effect of Interstocks
CITRUS ROOTSTOCK PROBLEMS

Stionic Failures

Viruses

Diseases

Nematodes

Salts

18. Cutting of Weak/Neglected Parts

Pruning of Young and Pre-bearing Plants

Pruning Bearing Trees

Pruning Older Trees

Pruning Neglected Trees

Pruning Overgrown Trees

Hedging

Root Pruning

Pruning Time

Wound Protection

Pruning Different Citrus Species

Pruning Problems

19. Soil Inspection for Citrus Family

Soil Tillage

Different Soil Management Practices

20. Inter Cultivation

Choice of Intercrops in India

Intercropping in Other Countries

21. Nutrition for Citrus World

Mineral Nutrition

Nitrogen

Phosphorus

Potassium

Calcium

Magnesium

Sulphur

Zinc

Iron

Copper

Manganese

Boron

Molybdenum

Combined Nutritional Sprays

Factors Governing the Nutrition

Nutrient Elements Balance

Manuring and Fertilization

Manuring of Young and Pre-bearing Trees

Manuring Bearing Trees

Time of Application

Methods of Application

Foliar Analysis

Soil Vs. Foliar Analysis

The Concept of Foliar Analysis

Factors Affecting Mineral Composition of Leaves

Methods of Leaf Sampling

Preliminary Survey of Orchard and Selection of Initial Sampling Technique

Methods of Analysis

Leaf Analysis Standards

Interpretation of the Leaf Standards of Different Elements

22. Control Irrigation

Irrigation Requirement of Citrus Trees

Time and Frequency of Irrigation

Quality of Irrigation Water

Systems of Irrigation

Basin System

Furrow System

Flood Irrigation System

Check System

Sprinkler Irrigation

Advantages

Disadvantages

Drip- or Trickle-irrigation

Advantages

Disadvantages

Pitcher System

Sub-surface Irrigation

Irrigation to Young and Pre-Bearing Trees

Irrigation to Bearing Trees

23. Unwanted Weed Removal

Control

Weed Control in Nurseries

Weed Control in the Main Field

Herbicidal Effects

Phytotoxic Effects

Other Effects

24. Proper Harvesting of Citrus

Picking Time

Methods of Picking

Handling

Grading

Packing

Marketing

25. Oil of Bergamot

26. Oil of Lemon

27. Oil of Mandarin

28. Oil of Orange

29. Study of Orange Essential Oils Analysis by Infrared Spectroscopy

30. Study of Orange Essential Oils Chemical Modifications During Aging

31. Citrus Carotenoids (I) The Structure of Citranaxanthin, a New Carotenoid Ketone

Experimental

Isolation of Citranaxanthin I

Anal. Calcd.

Alkali Cleavage of Citra anaxanthin (I).

Reduction of Citranaxanthin

Citranaxanthin (I)

Anal. Caled.

32. Citrus Carotenoids (II) The Structure of Reticulataxanthin

33. Factors Direct Fruit Variety

Climatic Factors

Temperature

Water

Nutritional Factors

Nitrogen

Phosphorus

Potassium

Magnesium

Manganese

Copper

Boron

Rootstock Effects

Fruit Size

Colour of Rind

Juice

Total Soluble Solids

Total Acidity

Ascorbic Acid Content

34. Post Harvesting of Citrus Fruits

Degreening

Pre-harvest Treatment

Post-harvest Application

Storage

Waxing

Polyethylene Covers

Growth Regulators

Cold Storage

Controlling Moulds in Storage

35. New Problems for Citrus Family

Alternate Bearing

Factors Affecting Alternate Bearing

Control

Resting Treatment

Choice of Bahar

Granulation

Analogy of Granulation

Physico-chemical Characteristics of Granulated Fruits

Incidence and Progress of Granulation

Factors Affecting Granulation

Humidity

Temperature

Light

Tree age

Tree health

Tree Vigour

Tree Aspect

Tree Variation

Fruit Size

Rootstock

Varietal Susceptibility

Control Measures

Irrigation

Effect of Time Sprays

Effect of Growth Regulators

Nutritional Sprays

Citrus Decline

Symptoms

Factors Responsible for Citrus Decline

Soil Factors

Nutritional Factors

Rootstock Factors

Orchard Management Factors

Insect-pests

Nematodes

Fungal Diseases

Viruses

Control Measures

Fruit Drop

Retarding or Inhibiting Factors

Accelerating or Initiating Factors

Temperature

Water

Insect Pests and Diseases

Physiological Factors

Nitrogen

Carbohydrates

Auxins

Embryo Development

Control of Fruit Drop

Mandarins

Sweet Oranges

Grapefruit

Lemons

36. Use of Plant Growth Regulators

2,4-Dichlorophenoxy Acetic Acid (2,4-D)

2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T)

Napthalene Acetic Acid (NAA)

Gibberellins

Cytokinins

Growth Retardants

Ethylene

Limitations

37. Serious Diseases of Citrus

Diseases Caused by Fungi

Gummosis

Symptoms

Etiology and Spread of Disease

Varietal Susceptibility

Control Measures

Preventive Measures

Curative Measures

Diplodia Gummosis

Symptoms

Spread

Control

Ganoderma Root Rot

Symptoms

Control

Pink disease

Symptoms

Control

Powdery Mildew

Symptoms

Etiology and Spread

Control

Felt Disease

Symptoms

Etiology and Spread

Varietal Susceptibility

Control

Anthracnose

Symptoms

Etiology and Spread

Control Measures

Scab

Symptoms

Etiology and Spread

Varietal Susceptibility

Control

Dry Root-rot

Symptoms

Etiology

Control

Armillariella Root-rot

Symptoms

Control

Sooty Mould

Symptoms

Damage

Etiology and Spread

Control

Melanose

Symptoms

Etiology and Spread

Control

Twig Blight

Etiology

Symptoms

Control

Leaf Fall and Fruit-rot

Symptoms

Etiology

Control

Sphaeropsis Knots

Limb Breakage

Greasy Spot

Nursery Diseases

Diseases Caused by Bacteria

Citrus Canker

Symptoms

Etiology and Spread

Varietal Resistance

Control

Citrus Blast

Bacterial Root Rot

Diseases Caused by Viruses

Diseases Affecting Certain Stionic Combinations

Tristeza or Quick Decline

Symptoms

Etiology

Transmission of the Virus

Varietal Susceptibility

Control

Saving the Existing Infected Orchards

Avoiding Losses in New Citrus Plantings

Xyloporosis

Symptoms

Virus Diseases Occurring Irrespective of Rootstocks

Psorosis

Symptoms

Etiology

Control

Stubborn Disease

Symptoms

Etiology

Diseases Caused by Viroids

Exocortis or Scalybutt

Other Miscellaneous Virus Diseases

Budunion Crease

Citrus Mosaic

Infectious Variegation

Yellow-Corky Veins

Blastomania

Leaf-curl-disease

Other Virus-Like Disorders

Creeping Stem

Bark Eruptions

Woody Galls

Young Tree Decline

Gummy Pitting

Tatter Leaf Citrange Stunt Complex

Citrus Mosaic, Navel Infections Mottling and Natsudaiddai dwarf

Citrus Greening

Symptoms

Etiology

Transmission

Varietal Susceptibility

Control

Phanerogamic Parasites

Dendrophthoe (Loranthus)

Cassytha

Physiological Disorders

Foam Disease

Symptoms

Cause

Fruit Splitting

Symptoms

Cause

Control

Endoxerosis

Symptoms

Cause

Control

Creasing (Puffiness)

Rough Fruit Disorder

Market for Storage Diseases

Penicillium Moulds

Alternaria Rot

Black Core Rot

Diplodia-Stem-end Rot

Aspergillus Rot

Miscellaneous Diseases

38. Important Pests of Citrus

Introduction

Root Pests

Stem and Trunk Pests

Borers

Chloridolum Alemene Thomson

Monohanmus Versteegi Nitzema (Trunk Borer)

Stein and Bark Borers (Indarbela Spp.)

Damage by Borers

Control

Foliage Pests

Lemon Butterfly (Papilo Demoleus Linn.)

Papilionidae : Lepidoptera.

Distribution

Host Plants

Life History

Damage

Control

Citrus Leaf-Miner: (Phyllocnistis Citrelia Stainton)

Distribution

Host Plants

Life History

Damage

Control

Citrus Psylla: Diaphornia Citri Kuwayama

Distribution

Host Plants

Life-history

Damage

Control

Whiteflies (Aleurocanthus Spp, Dialeurodes Spp)

Distribution

Host Plants

Life History

Damage

Control

Weevils: (Myloccerus Discolor BOH)

Mealy Bugs : Pseudocoecus Spp (Pseudococcidae : Hemiptera)

Distribution

Host Plants

Life History

Damage

Control

Aphids: Hemiptera Aphididae

Distribution

Host Plants

Life History

Damage

Control

Control

Thrips: (Scirtothrips spp, Heliothrips spp)

Distribution

Host Plants

Damage

Life History

Control

Scale Insects: (Coccidae: Homoptera)

Damage

Armoured Scales

Unarmoured or Soft Scales

Spread

Control

Mites: (Tetranychidae: Acarina)

Distribution

Life History

Damage

Citrus Rust Mite: Phyllocoptruta Oleivorus Ashm

Six-spotted Mite : Tetranychus Sexmaculatus Riley

Control

Minor Pests

Hairy Caterpillars Euprotctis Fraterna M

The Citrus Leaf-roller (Psorosticha Zizyphi Staintor)

Orange Hair Streak: (Taraucus Theophrastus)

A Grass Hopper : Poekilocerus Pictus Fab

Cricket: Braehytrypes Portentosus Light

Longhorn Bettle: Oberea Mangalorensis

Flower Pests

Citrus Flower Moth : Prays Citri Milliers

Cacoecia Epicyrta Meyrick

Blossom Midge Sayneura Citri G & P

Fruit Pests

Fruit Sucking Moths (Noctuididae : Lepidoptera)

Calpe Emarginata

Distribution

Host Plants

Life History

Damage

Control

Fruit Flie

Distribution

Host Plants

Life History

Damage

Control

Fruit Sucking Bugs

Distribution and Host Plants

Life History

Damage

Control

Citrus Rind Borer: Prays Endocarpi Meyrick.

General Control Measures

39. Nematodes of Citrus

Citrus Root Nematode

Tylenchulus Semipenetrans Cobb. 1913

Host Range

Control Measures

Cultural Control

Biological Control

Resistant Rootstocks

Reniform Nematode (*Rotylenchulus Reimformis*)

Burrowing Nematode (*Radopholus Similies*)

The Lesion Nematode (*Pratylenchus Coffeae*)

Root-knot Nematode (*Meloidogyne Africana*)

The Lance Nematode (*Hoplolaimus Indicus*)

Poncirus

Fortunella (Kumquats)

Citrus

**Niir Project Consultancy Services (NPCS)
can provide Process Technology Book on
Citrus Fruits Cultivation and
Oil Extraction**

See more

<http://goo.gl/GjD0ew>

<http://goo.gl/uxs5dq>

<http://goo.gl/TBd3ob>

<http://goo.gl/6sWv6Z>

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NIIR PROJECT CONSULTANCY SERVICES
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Niir PROJECT CONSULTANCY SERVICES

AN ISO 9001:2008 COMPANY

Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Industry Trends*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection



Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitability Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

Niir Project Consultancy Services

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THANK YOU!!!

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