



annadana
SOIL & SEED SAVERS

Seed Saving is a Dying Skill

HELP US SAFEGUARD THIS BIO-DIVERSITY

Seed Catalogue 2017 - 2018

www.annadana-india.org

ORGANIC TRADITIONAL VEGETABLES SEEDS



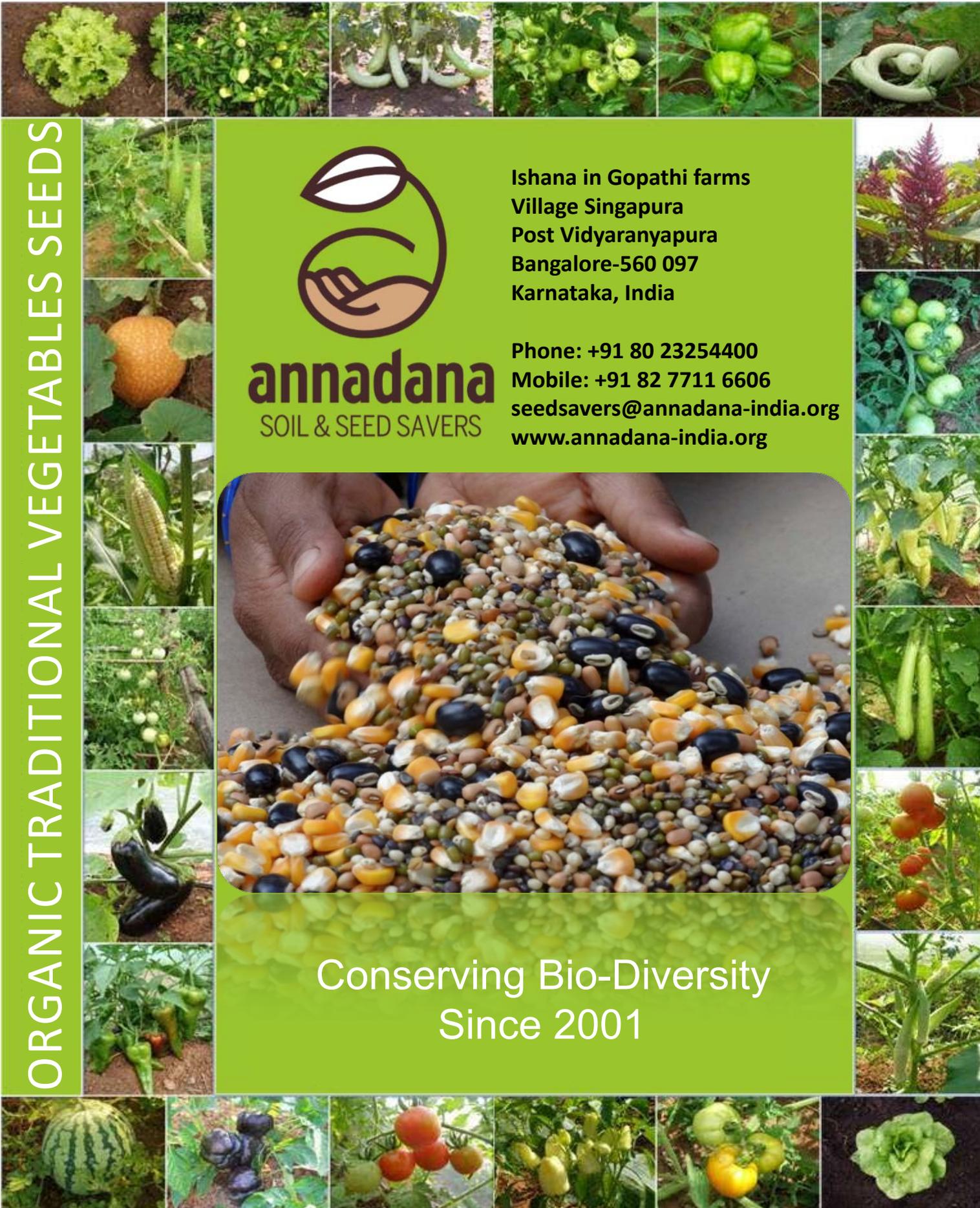
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Conserving Bio-Diversity
Since 2001



ANNADANA takes pride in

presenting its season's collection of time honoured, indigenous and organically produced seeds of open pollinated food & flower crops. This year has seen us conserve 20 new varieties

Apart from our regular produce, the hard-to-find diversity, we present our all time favorite multi-colored tomatoes which are most aromatic, delicious and nutritional. We share a range of varieties from greens, lettuces capsicums, cucurbits, okra, corn, brinjal, beans, watermelon, gourds heirloom vegetable seeds & pollinator friendly flower seeds.

Our efforts to conserve traditional heirloom crops, through seed conservation, continues. We request you to exchange traditional seeds with us to multiply and make them available to many more. Thank you for your continued warm & encouraging support.

In solidarity,

Team Annadana



ANNADANA Open Pollinated Vegetable & Flower Seeds 2017

Amaranth (3)	White Perennial new	Coriander (1)	Long Standing Batavian	Stripped Abudant
Green Leaf	Muttu Gulla new	Green	Merlot	Tommy Toe
Red Leaf	Imperial Black Beauty new		Ball	
Tricolor	Sevandanpatti	Cow Pea (4)	Oak Leaf	Watermelon (1)
	Thai Long Green	Dwarf Bush	Mixed Leaves	Sugar Baby
Basil (4)	White Oval	Striped red	Queen of May	
Aromatic Green		Local	Rettichette	Flowers (14)
Butter Cup	Capsicum (2)	Long Cowpea	Rocket new	Cosmos Orange
Rosso new	Mini Red Bell		Winter Marvel	Cosmos Yellow
Mammoth	Banana Early	Cucumber (3)		Kum Kum
		Giant Fruit	Luffa/Sponge Gourd (1)	Safflower
Beans (9)	Carrot (3)	Mexican Miniature new	Medium Long	Zinnia – Big
Green Gold	Chantaney	Green long		Zinnia – Small
Victoria	Nantaise		Ridge Gourd (1)	
Green Cluster	New Kuroda	Drumstick (1)	Long Green	Sunflower
Cluster Beans Short		Medium Long		Yellow Giant new
Cluster Beans Long new	Chakota (1)		Onion (1)	Small new
String Beans	Green	Fenugreek(1)	Red Ball	
Hidatsa red bean new		Methi		Marigold
Pole Beans	Chilly (7)		Spinach (1)	Black Beauty new
Wing Beans	Great Black	Ladies Finger (10)	Green Wonder	Bright Yellow new
	Long Green	Clemson Spineless		Full Orange new
Bottle Gourd (1)	Orissa Kala Long	Ever Tender	Squash / Pumpkin (2)	Simple Orange new
Long Edible	Red Cherry	Assam Giant	Long Nice	Malabar Small new
	Rainbow new	Double Color	White Ash	Mix Colour new
Brinjal (18)	Bangalore Long Red	Green Star		
Apple Green	Red Big	Long Red	Tomato (13)	
Kudrat Shyam new		Eight Tall Feet	Brandy Wine Black	
Dark Long Red	Corn (8)	Local new	Lichi Tomato	
Evergreen	Inca Rainbow	Silver Queen	Caro Rich	
Gullu Badane	Martian Purple	Tuticorin	Galina	
Heddurgulla Hosanagar	Popcorn Purple		Golden Delight	
Musuku Badane	Multi Color	Lettuce (14)	Meghali	
Pink Blush	Popcorn Yellow	Cimmaron	Podland Pink	
Purple Long	Maroon Big new	Green Deer Tongue	Red Cherry	
Purple Round	Sikkim Corn	Ice Queen	Local	
Rosita	Marron Small new	Little Gem	Yellow Pear	
Orissa Purple new		Butter Crunch	Pomado	

- **Amaranth**

- **Scientific name:** *Amaranthus spp*
- **Family:** *Amaranthaceae*
- **Origin:** Peru (South America)
- **Technical Details:** Amaranth is draught-, pest- and heat resistant, and adapts easily to new environments.

Soil : Grows in poor soils

Sowing : 5" to 8" apart & ½" deep

Germination : 3 to 4 days

Sunlight : Full Sun / Half Shade

Harvest : 35 - 50 days

Season : Throughout the year

- **Nutrition fact:** This food is a good source of Niacin, Protein, Vitamin A and K, Iron, calcium and manganese.

Green Leaf



A white-seeded crop type cultivated especially for its leaves. A local variety of amaranth (keerai) with green leaves white-striped, hardy plant, self sowing, which can reach 1 m in height. The inflorescence is pale green, yellowish. The leaves are extremely nutritious.

Yield per hectare: 4t

Red Leaf



A black-seeded crop type cultivated mainly for its leaves. A local variety of amaranth (keerai) with beautiful dark red leaves and inflorescence. Vigorous growth, the plant can reach 2 m in height. The leaves are extremely nutritious.

Yield per hectare: 4t

Tricolor



A black-seeded crop type cultivated mainly for its leaves. A variety of amaranth (keerai) with beautiful tri-colored leaves and inflorescence. The abundant leaves are red- purple inside with thick green margin. Vigorous growth, the plant can reach 2 m in height. The leaves of this variety are large and extremely nutritious.

Yield per hectare: 3t

- **Basil**

- **Scientific name:** *Ocimum basilicum*

- **Family:** *Labiatae*

- **Origin:** Africa and Asia

- **Technical Details:**

Soil : 50% compost & 50% garden top soil

Sowing : 6" to 10" apart & ½" deep

Germination : 5 to 7 days

Sunlight : Full Sun

Harvest : 75 days onwards

Season : Throughout the year

- **Nutrition fact:** It is a very good source of Dietary Fiber, Vitamin A, Vitamin C, Vitamin K, Vitamin B6, Float, Calcium, Iron, Magnesium, Phosphorus, Potassium, Zinc, Copper and Manganese.

Aromatic Green



This crop type has a good fragrance. The leaves are of medium size and are used for Italian cooking. The leaves can be dried after the seed extraction processes and conserved to be used at a later date. It's a kitchen and terrace gardeners delight.

Yield per hectare: 2t

Butter Cup



Very popular crop type which is compact and bushy used in Italian cooking. Leaves in the form of inverted cup. The flowers are white in color.

Yield per hectare: 2t

Rosso



A crop type with dark purple leaves, an aromatic variety, chef's delight loved by home gardeners. A good decoration for the plate. Vigorous plant.

Yield per hectare: 1.5t

Mammoth

A crop type with enormous leaves almost the size of your palm. It is rich in fragrance and highly nutritious. It's a kitchen and terrace gardeners delight.

Yield per hectare: 2.5t

- **Beans**

- **Scientific name:** *Vigna unguiculata & phaseolus spp*
- **Family:** *Fabaceae*
- **Origin:** Central and South America
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 7" to 8" apart & 1" deep
 - Germination :** 8 to 10 days
 - Sunlight :** Full Sun
 - Harvest :** 60 – 90 days
 - Season :** Throughout the year except monsoon months
- **Nutrition fact:** It is a very good source of Dietary Fiber, Vitamin A, Vitamin C, Vitamin K, Float and Manganese. Adding other foods with complementary amino acid profiles to this food may yield a more complete protein source and improve the quality of some types of restrictive diets.

Green Gold

It is a string less French bean and a high yielding crop. This is a 60 day crop for food production. The green gold bean variety grows only up to 1 foot tall and therefore good for intercropping with other tall growing vegetable varieties. It's a home gardener's delight.

Yield per hectare: 19t

Victoria

It is a dwarf and compact crop. The green beans are string less and thrive well in cool climates. The seeds are black. A high yielding crop.

Yield per hectare: 15t

Green Cluster - Flat Bean

It is a medium sized flat bean (Aurekai) from 5 – 10 cm long growing in bunches. The plant is a climber, but can spared over the ground too. Flat beans are very productive, they adapt better to warm climates and grow best during the monsoon. Full green beans are very delicious when harvested tender. Seeds are used for cooking when harvested mature.

Yield per hectare: 5t

Cluster Beans- Short

Small sized clusters of beans have a delicious aroma and juice, high yielding variety. Plant grows up to 1 – 1 ½ foot in height. This is a sturdy variety and can cope well with minimum irrigation.

Yield per hectare: 2.5t

Cluster Beans- Long

A large sized clusters of beans have a delicious aroma and juice, high yielding variety. Plant grows up to 1 ½- 2 feet in height. This is a sturdy variety and but needs moderate amounts of irrigation.

Yield per hectare: 5t

Wing Bean



Unique triangular shaped beans, very productive, adapts better to warm climate. These are delicious and juicy. Wing beans are climbers that can reach up to 6-7 meters high.

Yield per hectare: 2.5t

String Beans



This crop type is highly productive with flat wide pods. String beans are climbers that can reach great heights when sown under a tree. The seeds are white and a good source of protein and rich biomass for nitrogen growth promoters.

Yield per hectare: 15t

Pole Beans



Long shaped beans, very productive, adapts better to warm climate. These beans are a climbing variety. They are delicious and juicy. Best grown in monsoon.

Yield per hectare: 2.5t

Hidatsa Red Beans



This crop type is highly productive with green bean pods with red seeds. These beans are climbers that can reach heights up to 2m. The beans are harvested when seeds are still tender. Good for intercropping with corn or tall growing okra.

Yield per hectare: 2.5t

• Bottle Gourd [1 accessions]

- **Scientific name:** *Lagenaria siceraria*
- **Family:** *Cucurbitaceae*
- **Origin:** Africa
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 24" apart & 1" deep
 - Germination :** 5 to 7 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 90 – 120 days
 - Season :** Throughout the year except monsoon months
- **Nutrition fact:** It is rich in thiamin, vitamin C, zinc, iron and magnesium helps in improving overall health, treatment of high blood pressure, it reduces fatigue, it helps fight constipation bottle gourd acts as a nerve tonic and prevents tooth decay.

Long Edible

The fruits of this local type of gourd can reach 60cm long and 10cm diameter. It needs a structure to grow on. The skin is light green. The taste is sweet.

Yield per hectare: 20t

• Brinjal

- **Scientific name:** *Solanum melongena*
- **Family:** *Solanaceae*
- **Origin:** India, Burma
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 24" apart & ½" deep
 - Germination :** 7 to 10 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 100 - 120 days
 - Season :** Throughout the year
- **Nutrition fact:** It's rich in soluble fiber content, effective in the treatment of high blood cholesterol. It contains good amount of vitamin B5, B6, B1, B3 and has potential health effects against cancer, aging, inflammation and neurological diseases.

Apple Green



This fine crop type is sturdy and is perfect for cool climate, although it does well in warm climates too. The oval to round fruits are light green in colour and weigh around 120grams. The flesh is white, tender and mild-flavored. The skin is very thin and does not need to be peeled. Good for cooking as the fruit bears few seeds. The plant grows 60-90cm tall and is very productive.

Yield per hectare: 14t

Dark Long Red



This crop type produces fruits of 10cm long and 3-4cm in diameter. They are born in clusters. The skin is bright purple. The 1m plant is vigorous, drought resistant and very productive over a long period of time.

Yield per hectare: 15t

Evergreen

The fruits are very large and round weighing 250 – 300 grams. The skin is light green in color and with a creamy white inner flesh. The plants are vigorous and resistant to extreme heat and humidity growing up to 5-6ft height for which staking is required. Life cycle is up to 8-10 months.

Yield per hectare: 10t

Gullu Badane

A sturdy local crop, drought resistant. Small oval shaped fruit with a very delicious taste. Plant grows up to 1m.

Yield per hectare: 10t

***Heddurgulla
Hosanagar***

A local sturdy crop, drought resistant. These bare large round fruits has an excellent taste when cooked. A home gardeners delight.

Yield per hectare: 12t

Musuku Badanae

A unique type of heirloom brinjal with a huge crown of persistent calyx on the fruit. Plants are compact and bushy and grow up to 1m height.

Yield per hectare: 12t

Pink Blush

The fruits are oval and 10-12cm long. The skin is pink and violet. The fleshy fruits reach an average size and a weight of 100grams. Good flavor. The plant grows 70 to 80cm tall.

Yield per hectare: 15t

Purple Long

Plants are compact and bushy. Leaves and stem are greenish purple in colour. Fruits are oblong and deep purple in colour. Grow upto 1mt height.

Yield per hectare: 15t

Purple Round

The plants are tall with a thick stem of greenish purple colour. Leaves are highly serrated and purple in colour. Fruits are round deep purple colour. Each fruit weighs on an average 130-140grams. It is a Chefs delight.

Yield per hectare: 15t

Rosita

The fruits in a drop shape are 20cm long. The skin is lavender purple. The flesh is one of the whitest and sweetest of all. Plant grows up to 1m height.

Yield per hectare: 12t

Sevandanpatti

Plants are tall and are compact. Fruits are short with violet blue glossy skin, green purple calyx and tender flesh having slow maturing seeds and free from bitter flesh.

Yield per hectare: 18t

White Oval

The fruits are oval shaped and milky white in color. The flesh is soft, tender and mild. The plants are hardy, vigorous, is drought resistant and average productive. They are 60cm tall and mostly spineless or soft - spine.

Yield per hectare: 12t

Thai Long Green

Fruits are very long, light green in colour. They are born in clusters. Plants branch vigorously and grow up to 1m height.

Yield per hectare: 18t

Orissa Purple

A sturdy local crop, drought resistant. Small oval shaped fruit with a very delicious taste. Plant grows up to 1m.

Yield per hectare: 10t

White Perennial

A sturdy crop is a perennial, therefore lasting longer than a season. These large round white fruits can be harvested throughout the year. Grows up to 1m height. It has an excellent taste when cooked.

Yield per hectare: 12t

Muttu Gulla

A unique type of heirloom brinjal with a two-tone color on its medium-sized fruit. It is a very flavorful brinjal. Plants are compact and bushy and grow up to 1m height.

Yield per hectare: 12t

Imperial Black Beauty

The fruits are oval and 10-20cm long. The skin is dark violet almost black. The fleshy fruits reach an average size they weigh up to 200g per fruit. Good flavor. The plant grows 70 to 80cm tall.

Yield per hectare: 15t

Kudrat Shyam

The fruits are oval shaped and milky white in color hails from Varanasi. The flesh is soft, tender and mild. The plants are hardy, vigorous, drought resistant and average productive. They are 60cm tall.

Yield per hectare: 12t

- **Capsicum**

- **Scientific name:** *Capsicum annuum*
- **Family:** *Solanaceae*
- **Origin:** *South America*
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 12" to 14" apart & ½" deep
 - Germination :** 7 to 25 days
 - Sunlight :** Full Sun
 - Harvest :** 55 - 100 days
 - Season :** summer months
- **Nutrition fact:** It is a storehouse of essential nutrients that can fight most illness, help in burning triglycerides, strengthening the immune system by vitamin A and C, improve the body metabolism. It is rich in protein, iron and potassium.

Banana Early



The tapering wax fruits are 12-15cm long. They start out pale green, ripening to orange and then red. The flesh is sweet and mild. Excellent for kitchen gardens & farmer friendly variety. Compact, high yielder produces up to 50 fruits per plant.

Yield per hectare: 22t

Mini Red Bell



It is a miniature bell pepper. The 2-3 lobed fruits are 5cm long. They are green turning red when fully ripe. The flesh is thick and very sweet. The plants are 40cm tall and may bear up to 60 fruits. Excellent for children as raw source of Vitamin C. Excellent for kitchen gardens & farmer friendly variety.

Yield per hectare: 22t

• **Carrot**

- **Scientific name:** *Daucus carota*
- **Family:** *Apiaceae*
- **Origin:** Iran
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 2" to 4" apart & ½" deep
 - Germination :** 7 to 14 days
 - Sunlight :** Full Sun
 - Harvest :** 60 - 80 days
 - Season :** Winter
- **Nutrition fact:** It is rich in anti-oxidants, carotenes and vitamin-A. It helps protect body from harmful oxygen-free radical injury. In addition, it also has all the functions of vitamin A such as vision, reproduction and maintenance of epithelial integrity growth.

Chantaney



This is a short, fat carrot with a very attractive smooth orange skin. They are small-cored, crisp and tender. This variety is adapted to clayey and a wide range of aerated rich soils.

Yield per hectare: 25t

Nantaise



A sweet juicy carrot with red-orange colour is cylindrical and 15cm long; grows well in most soil types and cool climate. **Easy growing and adapts well if soil is aerated.**

Yield per hectare: 22t

New Kuroda



This crop type is an improved chantaney type. The 15cm long roots are smooth and 5 cm of diameter at the crown. They are stump-rooted. It is well adapted to heavy soils and should be planted for autumn crops only from direct sowing: 70 days.

Yield per hectare: 25t

- **Chakota**

Technical Details:

Soil : 50% compost & 50% garden top soil

Sowing : ½" deep

Germination : 5 to 7 days

Sunlight : part shade

Harvest : 30 days

Season : Throughout the year

- **Nutrition fact:** It is rich in iron, fiber, thiamin, vitamin C, zinc and magnesium. Helps in improving overall health, treatment of high blood pressure, it reduces fatigue, it helps fight constipation, is a nerve tonic and preventing tooth decay.

Green

This green leafy vegetable is most concentrated source of nutrition. Plants can reach up to 1m height with light green leaves. Harvest while leaves are tender, tastes sweet.

Yield per hectare: 3t

• **Chilly**

- **Scientific name:** *Capsicum annum* & *C. frutescens*
- **Family:** *Solanaceae*
- **Origin:** Central/South America/ India
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 12" to 14" apart & ½" deep
 - Germination :** 7 to 10 days
 - Sunlight :** Full Sun
 - Harvest :** 65 - 100 days
 - Season :** Throughout the year, best in summer
- **Nutrition fact:** This food is rich in vitamin C helps the body protects from scurvy; develop resistance against infectious agents (boosts immunity), pro-inflammatory free radicals from the body. It contains a good amount of minerals like potassium, manganese, iron and magnesium.

Great Black



These exotic fruit are 4-6 cm long; it is mildly hot to taste. The plant may reach 1m. The green fruit will turn to purple and red when mature. Excellent for kitchen gardens & farmer friendly.

Yield per hectare: 1t

Long Green



The fruit is 5- 10 cm long; it is a mildly hot to taste. Plant is tall and compact. High yielding variety and farmer, kitchen gardener friendly

Yield per hectare: 1.5t

Orissa Kala Long



This exotic variety has thin black fruits turn red when ripe. These fruits point towards the sky. High yielding type. Pungent and spicy. Most delightful to eyes as its so unique

Yield per hectare: 1t

Red Cherry

Fruit is small, red, and round. Plants are tall and grow up to 1.5m height. It is typically used fresh or pickled and jarred.

Yield per hectare: 1t

Red Big

This type of chilly turns red when ripe from green. It is very spicy and high yielding variety. Farmer friendly.

Yield per hectare: 1.5t

Bird Eye

The plant may reach 1m 20 and produces good yields of small round fruits of 1cm in diameter. They turn from light green, to orange to red when mature. The Scoville rating is in the 30,000 to 225,000 range and the heat level is around 10. From transplant: 120 days.

Yield per hectare: 1t

Rainbow

This exotic chilly is unique. Its leaves are dark purple and its fruit changes color through its ripening stages, first the little chilly is about 2-3 cm violet then turn white, yellow, orange and eventually red. Beautiful aesthetic plant in gardens as delightful to see.

Yield per hectare: 1.5t

- **Corn**

- **Scientific name:** *Zea mays*
- **Family:** *Graminae*
- **Origin:** Central America/ Mexico
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 8" to 12" apart & 1" deep
 - Germination :** 4 to 7 days
 - Sunlight :** Full Sun
 - Harvest :** 90 - 100 days
 - Season :** Throughout the year
- **Nutrition fact:** Rich in vitamin B, zinc an immunity booster, vitamin C, beta-carotene, protein and fiber.
- **Amazing fact:** One corn plant can produce 18 million grains of pollen.

Inca Rainbow



One of our very favorite type of sweet corn. The fresh kernels are white and yellow, tastes milky, sweet and rich. The cobs are 30cm long, multicolored when fully mature. The stem of this plant can reach 3m and is sometimes colored red. It is exotic and spectacularly high yielding.

Yield per hectare: 15t

Martian purple



This exotic variety is vigorous with spectacular plants yields. Medium sized cobs of 20-25 cm long. They have 8-12 rows of purple kernels which are sweet and tender. The height of this plant ranges from 60 cm to 1.2m.

Yield per hectare: 10t

Popcorn Purple



A very unique, exotic type with 12-30cm long cobs. Every kernel of the corn and each cob are covered by a tiny husk of silk. The color of the silk on each ear can be delicious white, cream, red, brown or purple. Each plant bears 3 to 5 cobs. Excellent as baby corn when harvested at early stage.

Yield per hectare: 12t

Sikkim Corn

It is a sturdy type stem is thick, adapted from Sikkim. The cobs are long. This high yielding crop has a good taste and easy to grow. Plant height reaches upto 8ft and can yield around 4 to 5 cobs per plant if the soil is rich and aerated. Farmers delight.

Yield per hectare: 18t

Multi Colour

This exotic corn is much larger, has a heftier texture compared to corn solid in Europe. Not only this, but they are chewier, starchier but slightly less sweet than any other type of corn. The taste and appearance is delightful.

Yield per hectare: 12t

Popcorn Yellow

The very nice 10-12cm long ears while some are dark. This makes beautiful yellow popped corn, sweet, milky and mild. The plants grow to 2m. From direct sowing: 80 days.

Yield per hectare: 18t

Maroon Big

A big exotic variety has cobs up to 20cm. It is available around the year and is a sweet corn variety which is milky and not so sweet.

Yield per hectare: 12t

Maroon Small

This variety is similar to Maroon big but smaller in size. It is suitable to grow in smaller spaces, has a delicate flavor, less milky and not too sweet. All our corn varieties taste good & delicious when roasted or par-boiled.

Yield per hectare: 18t

- **Coriander**

- **Scientific name:** *Coriandrum sativum*
- **Family:** *Umbelliferae*
- **Origin:** Mediterranean region
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 1" apart & 1/2" deep
 - Germination :** 6 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 25 – 30 days
 - Season :** Throughout the year
- **Nutrition fact:** This is a highly active medicinal plant. It is used to treat digestive ills, nervousness and diseases of an infectious nature. Traditionally, it is used to reduce gas, regulate bowel movements, soothe nervousness, reduce fevers & increases the appetite.

Green

The bright green plant is erect and hairless, reaching heights of 40 - 60cm. The compound lower leaves are roundish and lobed, while the upper leaves are finely divided into very narrow, lacy segments. The small white or pink flowers are borne in compound umbels that measure approximately 4cm. Aroma is rich and fresh, a kitchen gardeners delight.

• **Cow Pea**

- **Scientific name:** *Vigna unguiculata & Phaseolus spp*
- **Family:** *Fabaceae*
- **Origin:** *Africa*
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 4" to 5" apart & 1" deep
 - Germination :** 10 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 80 - 110 days
 - Season :** Throughout the year, best in monsoon
- **Nutrition fact:** Cowpea tones the spleen, stomach and pancreas; it helps induce urination and relieves damp conditions like leucorrhoea. It is rich in lignans, which play a role in preventing osteoporosis, heart disease, and certain cancers. Cowpea is rich in potassium with good amount of calcium, magnesium and phosphorus.

Dwarf Bush



A bush type variety. Pods are thick; light green, long, round, string less and very fleshy. Excellent green manuring crop providing nitrogen to the soil. Tastes is subtle. It is a farmers delight.

Yield per hectare: 10t

Long Cowpea



A long thin bean from 20 - 30cm long growing in bunches. The plant is a climber, very productive, adapts better to warm climates. Beans are very delicious when harvested tender.

Yield per hectare: 8t

Stripped Red



A long bean from 10-20cm pods and thin with red colour stripes in it. Very delicious. Acquired from a farmer breeder at the Wayanad Seed Exchange Mela 2013.

Yield per hectare: 10t

- **Cucumber**

- **Scientific name:** *Cucumis sativus*

- **Family:** *Cucurbitaceae*

- **Origin:** India

- **Technical Details:**

Soil : 50% compost & 50% garden top soil

Sowing : 8" to 15" apart & 1" deep

Germination : 3 to 7 days

Sunlight : Full Sun

Harvest : 50 - 60 days

Season : Throughout the year, best in monsoon (prone to pest attack)

- **Nutrition fact:** Cucumber peel is a good source of dietary fiber that helps reduce constipation, and offer some protection against colon cancers by eliminating toxic compounds from the gut. It is a very good source of potassium and has a high amount of vitamin K. It treats Alzheimer's disease patients by limiting neuronal damage to their brain.

Giant Fruit



The 30 to 40 cm long fruit by 15 to 20cm across are light yellow- green, sweet and crisp. This fruit is mainly used for juice purpose, although it can be eaten as its early stage when green and young. A vigorous producer native to coastal Tamil Nadu.

Yield per hectare: 8t

Green Market



A variety which is tender, succulent and has sturdy skin. Tender fruit tastes delicate and is used to make salads.

Yield per hectare: 6t

Green Long



A ground creeper plant. Similar to Green Market but longer and greener in colour. Takes about 5 days to germinate in coco peat. Has a succulent, juicy taste and a home gardeners delight.

Yield per hectare: Not yet available

Mexican Miniature

A variety which is tender, without any bitter taste. It is a very small variety that bears fruit as big as your thumb. The plant is a climber and with a structure can reach heights up to 4 m. Its fruit is ideal for salads and as a snack.

Yield per hectare: Not yet available

- **Drumstick**

- **Scientific name:** *Moringa olifera*

- **Family:** *Moringaceae*

- **Origin:** India

- **Technical Details:**

Soil : 50% compost & 50% garden top soil

Sowing : 10 feet apart & 1" deep

Germination : 3 to 7 days

Sunlight : Full Sun

Harvest : 1 – 1.5 years

Season : Throughout the year

- **Nutrition fact:** This is an excellent source of vitamin-C, A, B6, B1

Medium Long



A small tree reaching 3 to 5m height is easily propagated by cutting. The young and green fruit is 30-40cm long and changes its color to light brown on maturity. The plant produces heavy clusters of pods. The plants are very vigorous and productive. Outstanding nutritious qualities, also the leaves are used in 'curry's' and has medicinal values.

Yield per year: 300 – 500 pods

- **Fenugreek**

- **Scientific name:** *Trigonella foenum-graecum*
- **Family:** *Leguminosae*
- **Origin:** Mediterranean region
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 1" apart & 1/2" deep
 - Germination :** 5 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 25 – 30 days
 - Season :** Throughout the year
- **Nutrition fact:** Fenugreek seeds contain 29% proteins, 6% volatile and fixed oils, in addition to a high percentage of vitamin B1, B2, Niacin, Pantonic, the alkaloids Trigonelline and Choline, Saponine, Diosgenine, Methionine, and tri-methylamines. These substances highly affect symptoms of menstruation. Fenugreek also contains other constituents such as iron, phosphorus, several enzymes, hormones and gums.

Methi



It is an annual, leguminous plant. It has tri-lobate and toothed, light green leaves. Its stems are erect, long and tender. Blooming period occurs during summer. Flowers are yellow-white, occurring singly or in pairs at the leaf axils. Best harvested when tender as it has a strong flavor.

• **Ladies Finger**

- **Scientific name:** *Abelmoschus esculentus*
- **Family:** *Malvaceae*
- **Origin:** South Asia, Ethiopia, West Africa
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 10" to 15" apart & ½" deep
 - Germination :** 4 to 7 days
 - Sunlight :** Full Sun
 - Harvest :** 60 - 90 days
 - Season :** Summer / hot climate (except 2 varieties)
- **Nutrition fact:** They are rich sources of vitamin A and C, calcium, potassium and magnesium.

Clemson Spineless



The very vigorous plants may grow up to 1m-1m60. The fruits are deep-green, smooth, pointed and slightly ribbed. They are 15 - 18 cm long. Winter variety.

Yield per hectare: 10t

Local



Plants are medium tall. Fruits are of medium size, deep green, smooth with five ridged. Flavor tender and delicate

Yield per hectare: Not yet available

Ever Tender



Plants are medium tall with short intermodal length, less branched, purple pigmentation present on the stem, petiole and lower surface of the basal leaf. Stem petiole and leaves are hairy. Fruits are of medium size, green, rough with five ridged.

Yield per hectare: 10t

Silver Queen

The fruits are pale green, rounded, 15 cm long and subtle flavor. The plants are very vigorous, wide spreading and reach 2m in height.

Yield per hectare: Not yet available

Long Red

The fruits are red in color, slender, smooth, spineless and tapering end. They grow to 10-15cm long. The plants have vigor and may reach 2m

Yield per hectare: 10t

Eight Tall Feet

This giant size okra variety fruit is 30 – 35cm long and the plant height grows up to a magnificent eight feet. It offers the cook huge yields of slender pods delicate flavour without becoming woody. This variety was acquired at the Wayanad Seed Exchange Mela 2013.

Yield per hectare: Not yet available

Tuticorin

This variety has green colored fruit. Good for the Coromandel coast climate and is native to Tamil Nadu.

Yield per hectare: 12t

Green star

This variety has a short green colored fruit. It is ideal to be used as a whole pod in dishes as they are short, tender and less slimy.

Yield per hectare: 12t

• **Lettuce**

- **Scientific name:** *Lactuca sativa*
- **Family:** *Asteracea*
- **Origin:** Egypt, Italy, France
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 12" apart & ½" deep
 - Germination :** 5 to 7 days
 - Sunlight :** shade
 - Harvest :** 50 - 75 days
 - Season :** Cool seasons
- **Nutrition fact:** Fresh leaves are an excellent source of several Vitamin A, K, C and beta carotene.

Cimarron



The leaves are a wonderful mix of green, red and bronze. They are loosely folded on heads and is very tender. Juicy and delicate flavor. The heads are 25cm tall. This variety weighs an average of 250 grams.

Yield per hectare: 15t

Green Deer Tongue



The loosely rosette shaped heads have slightly triangular, round tipped green leaves with a succulent crispy mid-rib. The heart is creamy, tender and sweet. Harvest this early otherwise it can get bitter. This variety weighs an average of 250 grams.

Yield per hectare: 12t

Ice Queen



This variety forms medium sized leaves heads. The leaves are dark green and crisp.

Yield per hectare: 12t

Little Gem

The outer leaves are dark green and very dense head grows 30-35cm tall, 15cm in diameter. This extremely bolt-resistant variety. It is vigorous, stays sweet and crisp even in hot weather.

Yield per hectare: 12t

Long Standing Batavian

This variety is one of the slowest Batavia to run to seed. The heads are large, crisp and thick succulent leaves excellent in salads. This variety weighs an average of 250 – 300 grams.

Yield per hectare: 15t

Merlot

The tight heads are purple color. Has oak leaves blade like. Very good taste and attractive color. This variety weighs an average of 250 grams.

Yield per hectare: 10t

Oak Leaf

The compact rosette is formed by tender green oak leaf shaped leaves. It's resistant to heat, delicate and tender.

Yield per hectare: 10t

Queen of May

The leaves are light green and brown red. The heart is yellow-cream tinted with pink-red. Has a juicy and gentle flavor

Yield per hectare: 10t

Radichetta

The leaves are green and oak shaped. Leaves are succulent and crunchy. The variety is very hardy.

Yield per hectare: 12t

Saint Vincent

The large, full, scalloped, tender leaves are green with a bronze tinge. The flavor is mild and the texture tender. This variety can weigh 300 - 500 grams an average.

Yield per hectare: 15t

Winter Marvel

The smooth, slightly wavy and pale green leaves form a large head. This variety is extremely resistant to cold. It is a winter crop. Our favorite as it has soft, succulent and delicate flavors.

Yield per hectare: 15t

Rocket

Rocket also known as Arugola has an intensive sharp taste, comparable to radish. It is excellent to be mixed with other neutral lettuce varieties or other salads. It has a vigorous growth and its leaves can be constantly harvested.

Yield per hectare: 15t

Mixed Leaves

It is a unique variety. This variety yields brilliant red and green leaves. Diverse sweet and succulent flavors.

Yield per hectare: 15t

Ball

It is a lettuce for early spring. It forms very small hardy heads. It is very productive despite its small size. The growth is very rapid, so harvest early prior bolting.

Yield per hectare: 15t

• **Luffa / Sponge Gourd [1 accessions]**

- **Scientific name:** *Luffa sp*
- **Family:** *Cucurbitaceae*
- **Origin:** India
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 25" apart & 1" deep
 - Germination :** 5 to 7 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 70 - 90 days
 - Season :** Throughout the year
- **Nutrition fact:** In terms of nutritional balance, the luffa is said to be good source of vitamins and minerals, particularly helpful in fighting heat stroke in the hot summer. It is an excellent source of folic acid and vitamin K.

Medium Long



The luffa is cultivated for its fruit which is eaten when it is still very young and immature. When the fruit is completely matured it is used as a vegetable sponge used as body scrubs. It is a climber which needs a structure which it can climb on, it can also be planted under a tree, but harvesting may become difficult, as it can reach heights upto 10m.

Yield per hectare: 8t

• Bitter Gourd

- **Scientific name:** *Momordica charantia*
- **Family:** *Cucurbitaceae*
- **Origin:** India
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 25" apart & 1" deep
 - Germination :** 5 to 7 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 70 - 90 days
 - Season :** Throughout the year
- **Nutrition fact:** In oriental medicine, the bitter gourd is used because it contains quinine. The fruit is employed in the treatment of a multitude of ills: diabetes, rheumatism, colitis, liver problems, dysentery etc. The seeds have a very pronounced laxative.

Short

The bitter gourd pods are characterized with soft lengthwise ridges and uneven pebbly surface. Depending on cultivar type, its immature pods can be light to dark green and have oblong or oval shapes with a pointed tip at the blossom end. As the fruits begin to mature, they gradually become hard, turn yellow or brown in colour.

Yield per hectare: 8t

- **Onion**

- **Scientific name:** *Allium cepa*

- **Family:** *Lilliaceae*

- **Origin:** Egypt

- **Technical Details:**

- Soil :** 50% compost & 50% garden top soil

- Sowing :** 4" to 16" apart & ½" deep

- Germination :** 5 to 7 days

- Sunlight :** Full Sun

- Harvest :** 90 days

- Season :** Throughout the year except monsoon months

- **Nutrition fact:** They are high in vitamin C, vitamin B6 and folic acid. They are also a good source of dietary fibers.

Red Ball

This variety has uniform big sized bulbs with bright red color and keeps well in quality without any weight loss. Pungent and juicy.

Yield per hectare: 35t

• **Ridge Gourd**

- **Scientific name:** *Lagenaria siceraria*
- **Family:** *Cucurbitaceae*
- **Origin:** India
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 25" apart & 1" deep
 - Germination :** 5 to 7 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 80 - 100 days
 - Season :** Throughout the year
- **Nutrition fact:** It is rich in dietary fiber, vitamin C, riboflavin, zinc, thiamin, iron, and magnesium. It is known to contain insulin like peptides, alkaloids that help to reduce blood sugar levels. It helps to relieve constipation and prevent piles as it contains cellulose. It is known to soothe the nervous system. It helps the body to fight against gas, indigestion, acidity and peptic ulcers. It also prevents premature greying of hair.

Long Green



Adapts to warm climate, very productive. Good source of carbohydrates, vitamin A, vitamin C and minerals. Excellent for kitchen gardens & farmer friendly variety. Delicate and juicy.

Yield per hectare:12t

- **Spinach [1 accessions]**

- **Scientific name:** *Spinacia oleracea*
- **Family:** *Amaranthaceae*
- **Origin:** Central and South-Western Asia
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 6" apart & ½" deep
 - Germination :** 6 to 10 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 50 - 60 days
 - Season :** Throughout the year
- **Nutrition fact:** Spinach is store house for many phyto-nutrients that have health promotional and disease prevention properties. It contains a good amount of soluble dietary fiber. It is also rich source of omega-3 fatty acids. Spinach leaves are an excellent source of vitamin K, A and C. Regular consumption of spinach in the diet helps prevent osteoporosis (weakness of bones), iron-deficiency anemia.

Green wonder

A multi-cut, late bolting variety with dark green, thick, medium large, succulent foliage. Excellent cooking quality and rich in dry matter content, protein, carotenes, Vitamin C, phosphorus and potassium.

Yield per hectare: 15t

• **Squash / Pumpkin [2 accessions]**

- **Scientific name:** *Cucurbita spp*
- **Family:** *Cucurbitaceae*
- **Origin:** North America, Italy, France, India
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 18" to 36" apart & 1" deep
 - Germination :** 5 to 10 days
 - Sunlight :** Full Sun/Part shade
 - Harvest :** 50 - 60 days
 - Season :** Winter
- **Nutrition fact:** Pumpkin is a storehouse of many anti-oxidant vitamins such as vitamin-A, vitamin-C and vitamin-E and it is rich in dietary fiber.

Long Nice



The very fine flavored fruits can attain one meter in length! They can be eaten young or at full maturity. Their weight ranges from 3 - 10 kg and their diameter from 10 - 18cm. The skin is pale green and ochre at maturity. The orange flesh is firm, slightly musky and slightly sweet.

Yield per hectare:12t

White Ash



The skin is fairly smooth with slight suturing and its white color is retained best when it is harvested at maturity. After harvest, keep the fruit in a cool shady spot for best color retention.

Yield per hectare: 18t

• **Tomato [15 accessions]**

- **Scientific name:** *Lycopersicon esulentum*
- **Family:** *Solanaceae*
- **Origin:** Central and South America
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 2" to 6" apart & 1" deep
 - Germination :** 6 to 12 days
 - Sunlight :** Full Sun
 - Harvest :** 70 - 90 days
 - Season :** Summer
- **Nutrition fact:** They are excellent sources of antioxidants, dietary fiber, minerals, and vitamins. Fresh tomato is very rich in potassium. Potassium is an important component of cell and body fluids that helps controlling heart rate and blood pressure caused by sodium.

Red Plum



These plants produce medium- large fruits (80-90 grams), oblate with light green shoulder. Adapts to both rain-fed and irrigated conditions. Excellent for kitchen gardens & farmer friendly variety.

Yield per hectare: 10t

Broad Ripple



This exotic variety produces hundreds of tiny orange- yellow cherry tomatoes. This unusual cherry tomatoes tastes like grapes & highly recommended for salads. Indeterminate growth. Excellent for kitchen gardens & farmer friendly variety.

Yield per hectare: 9t

Brandy wine Black



Indeterminate growth type, this exotic variety grows up to 4 – 6m height. Potato leaf type plants which produce dark brownish purple colored beef steak shaped fruits. Rich in flavor, most juicy and succulent in salads.

Yield per hectare: 20t

Caro Rich

This exotic variety *has* 120-150 grams deep orange fruits. Tested for its nutrient traits it contain 10 times more vitamin A, than most other tomatoes. This variety is delicious and very productive. Highly recommended and most delicious. Indeterminate growth, a chefs and home gardeners delight.

Yield per hectare: 22t

Galina

This early variety produces heavy clusters of round golden yellow cherry tomatoes. The flavor is juicy, sweet and acidic at the same time, super in salads. These plants are very vigorous and high yielding. Indeterminate growth.

Yield per hectare: 30t

Golden Delight

One of the very best early yellow tomatoes. The fruits of 90-120g have few seeds. The flavor is sweet. This variety has thick skin resistant to splitting. It is compact, vigorous with determinate growth and a high yielding variety.

Yield per hectare: 35t

Meghali

These plants are sturdy, disease resistant, produce red medium- sized fruits. They are excellent for curries. A high yielding variety. Farmers delight.

Yield per hectare: 25t

Podland Pink

The vigorous vines produce abundant trusses of small oblong exotic fruits. These fruits have a unique color: they turn from pale yellow to pink when fully ripe. This variety is fully drought and disease resistant. Excellent for kitchen gardens & farmer friendly variety.

Yield per hectare: 35t

Red Cherry

A compact bushy variety which grows up to 60 -80cm height. Produces tiny round attractive red fruits which looks like cherries and very juicy. Fruits used for making delicious salads.

Yield per hectare: 8t

Stripped Abundant

This variety is highly productive of 5cm diameter round reddish orange fruits. They have clearly defined yellow-orange stripes and have a rich tangy flavor. Indeterminate growth. Excellent for kitchen gardens & garden friendly variety. (Variety known also as “Mr. Striped”).

Yield per hectare: 30t

Tommy Toe

Indeterminate growth type variety which produces medium sized round fruits in clusters. Fruits are juicy and sweet. Good keeping quality and sturdy skin. Can be used both in cooking and salads. It is farmer friendly as it is a heavy yielder.

Yield per hectare: 30-35t

Local

This is common variety found everywhere in the markets is sturdy and disease resistant. It is used in our daily food diet for cooking. Farmer friendly as yields good

Yield per hectare: 30t

Yellow pear

The exotic plants are loaded with hundreds of small 2-4cm long yellow pear-shaped fruits. They are delightfully sweet, very much appreciated by children as “garden candy”. Good for in salads. The variety is fairly cold tolerant. Indeterminate growth. From transplant: 70-75 days.

Yield per hectare: 30-35t

Peasant

The plants will set 100 classic roma-shaped tomatoes from each compact plant. The 100g fruits with thick walls are nevertheless fresh and juicy with a very good flavor. Also makes good sauce.

Yield per hectare: 30t

Ananas

Also known as black pineapple, this exotic fruit is one of the most interesting tomatoes. The skin has shades of green, purple, orange and yellow. Bright green flesh has burst of red streaks that will definitely add intrigue to your vegetable platter. The lip smacking flavor starts out sweet and ends with the perfect amount of tang.

Yield per hectare: 30-35t

- **Water Melon**

- **Scientific name:** *Citrullus lanatus*
- **Family:** *Cucubitacene*
- **Origin:** South Africa
- **Technical Details:**
 - Soil :** 50% compost & 50% garden top soil
 - Sowing :** 4" to 6" apart & 1" deep
 - Germination :** 3 to 5 days
 - Sunlight :** Full Sun
 - Harvest :** 65 - 86 days
 - Season :** Summer
- **Nutrition fact:** Rich in electrolytes and water content, melons are nature's gift to beat tropical summer thirst. Watermelon is an excellent source of Vitamin-A, C and potassium.

Sugar Baby

An extremely well known and popular variety. The vines grow up to 2m and sets 4-6 fruits roughly the size of a basketball. It is one of the sweetest and earliest water melons with very small seeds. The hard rind turns green-black when ripe. The flesh is red and sweet.

Yield per hectare: 10t

- **Flowers**

Technical Details (for Cosmos & Marigold Only) :

Soil : 50% compost & 50% garden top soil

Sowing : 10" to 15" apart

Germination : 3 to 7 days

Sunlight : Full Sun

Harvest : 60 - 80 days

Season : Throughout the year

Cosmos Yellow



An annual plant grows to a height of 1m. The flowers are gold orange and bloom throughout the year. It is used as a companion component in natural pest control and attracts insects and pollinators.

Cosmos Orange



An annual plant grows to a height of 1m. This orange cosmos is much less well known but nevertheless magnificent. The flowers are deep orange and bloom throughout the year. It is used as a companion component in natural pest control and attracts insects and pollinators.

Kumkum



Crocuses belong to the family Iridaceae. Saffron for kumkuma is made from the flower *Crocus sativus*, in the family Iridaceae. The saffron crocus is classified as *crocus sativus* and the autumnal species with flowers of a more delicate shade of burgundy. Seeds take several weeks, sometimes months to germinate.

Zinnia – Small



The flowers have a range of appearances, from a single row of petals, to a dome shape, with the colors white, chartreuse, yellow, orange, red, purple and lilac. Their ability to attract hummingbirds is also seen as useful as a defense against whiteflies, and therefore zinnias are a desirable companion plant benefiting plants that are intercropped with it.

Zinnia – Big

The flowers have a range of appearances, from a single row of petals, to a dome shape, with the colors white, chartreuse, yellow, orange, red, purple, and lilac. Their ability to attract hummingbirds is also seen as useful as a defense against whiteflies, and therefore zinnias are a desirable companion plant, benefiting plants that are intercropped with it.

Sunflower - Yellow Giant

It is a very spectacular variety of giant sunflower growing to 4m with single yellow flowers. This variety produces a large head up to 55cm in diameter, filled with striped, thin-shelled seeds ranging from 900-1000 seeds per head. From direct sowing: 110 days.

Sunflower - Small

This is a small easy to grow sunflower attract many pollinators in a garden or farm. Aesthically beautiful and cheerful.

Safflower

The flower and oil from the seeds are used as medicine. In foods safflower seed oil is used as cooking oil. In manufacturing safflower flower is used to color cosmetics and dye fabrics. At Annadana we use it as a trap crop.

Marigold - Black Beauty

This variety has a strong and pleasant aroma. It is a late blooming and long lasting annual crop. it reaches a height of 1.5m and blooms after the monsoon.

Marigold - Bright Yellow

A profusion of medium yellow flowers with a scented fragrance attracting pollinators and detracts nematodes. It is a shrub that blooms throughout the year.

Marigold - Full Orange

An annual plant grows to height of 60-80cm. It produces full petalled orange flowers. These flowers enhance garden beauty. It is used as a component in natural pest control and deters nematodes.

Marigold - Simple Orange

The plant grows to more than 1m in height and bears the most beautiful single petalled orange flowers.

Marigold - Malabar Small

The multitude of flowers are good for garland making and is most aromatic. it is long lasting, flowers for upto 3 months.

Marigold - Mix

A vibrant array of assorted colours which attracts diverse pollinators. A home gardeners delight.

Gardening tips:

- **Water must be applied judiciously to the seed nursery to ensure moisture. Water in excess can rot the seeds or sapling roots. Your soil must have a moist texture like that of a squeezed sponge which allows for seeds to germinate well.**
- **A healthy nursery medium must comprise of 50% compost and 50% top soil.**
- **Avoid tiny hole seed trays for sowing as the saplings turn stalky. This results in poor growth of the plants.**

'AHUM BEEJAM ANNAHI PURNA BRAHMA'

to mean

'I am the Seed, Seed is the Creation of the Cosmos'

**Enjoy your sowing season; Your feedback is important to us
to help us serve you better.**



SOIL & SEED SAVERS
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