

Services Offered by NuTreeFarm Agricultural Company



Avocado Plants

Provide high quality, imported (International) and grafted Avocado plants.



Authorize Allesbeste Partnership



Complete Quality Assurance







NuTreeFarm Agricultural Company

NuTreeFarm Agricultural Company provides the highest quality, imported (International) and grafted Avocado plants throughout India.

20,000 +

Plants Successfully Planted

50 + Acres **Ongoing plantation** in Maharashtra





Practical **Guidance and** Support



50 +

Active Farmers

8 +

States Involved

100 + Acres

Ongoing plantation

in other states

7ys +

Expertise in Plantation and moving **Towards propagation**











NuTreeFarm Agricultural Company is Associated with International Partners





QUESTIONS ?

Feel Free to Contact Us

+91 903 308 6802 +91 830 850 4200

export@nnacrc.com www.nnacrc.com

NuTreeFarm Agricultural Company, Plot no 25, Lenyadri Soc, Pashan, Pune-411021, India

Narnarayan agro & chemical reserch center #132, Time Square Empire SH 42, Bhuj - Kutch, Gujarat 370001 Testing Laboratory for soil, water, organic & inorganic fertilizer,Microbial, quartz silica, china clay, bentonite...



Commercial Avocado Plantation – India NutreeFarm Agricultural Costing sheet - Gujarat

OBJECTIVE

The company's objective is to offer complete guidance in executing the commercial avocado plantation project by providing high-quality imported grafted Avocado plants in any part of India and supporting in cultivation.

The Avocado fruit benefits are

- 1. Rich in nutrients
- 2. Healthy for the heart
- 3. Great for vision
- 4. Natural detoxification
- 5. Protection from chronic disease



CALL US FOR ENQUIRY OR PLANT ORDER - +91-9033086802

ABOUT COMPANY & SERVICES

NutreeFarm Agricultural company was formed in 2016 & is in Pune India. The Company is partnered with Allesbeste Nursery in South Africa to make available high-quality Avocado plants in India.

SERVICES

- 1. Can provide high quality, imported from SA & micro clonal Avocado plants
- 2. Guide you through Avocado commercial farming
 - a) Soil preparation
 - b) Plant Management
 - c) Fertilization and Irrigation Management
 - d) Canopy Management
 - e) Harvesting and Pruning
- 3. Experts' consultancy Need basis
- 4. Fruits buy-back commitment

COMPANY'S WORK (STATISTICS)

13000 Plants Planted Across India Maluma variety – early fruit

More Farmers joining the commercial avocado farming

- 13000 plants planted across 6 different states in India as of Feb 2023
- Commercial farming successfully done by 25+ farmers & 1 Agricultural University (Dapoli)
- Fruiting started within 15 months from the plantation Fruiting started from Feb 2023

VARIETIES

Scions	Rootstock	Example
Maluma	Bounty	Scions on rootstocks will be
Hass	Duke 7	available in these combinations, It can be confirmed in January before
Lamb Hass		arrival of plants

THE KEY SUCCESS FACTORS FOR MALUMA CULTIVAR



- Maluma fruit colors more consistently and beautifully, when ripened than Hass and also ripens more consistently.
- Maluma's flesh to stone ratio is also very favorable.
- At the same moisture content than Hass, Maluma's Oil content is higher.
- Maluma contains less fiber than Hass
- Less susceptible to lenticel damage
- Maluma is magnificent in Ripe & Ready programs
- Fruit production tend to peak on larger sizes compared to Hass

Avocado Farming Calculator NNACRC

Parameters	High Density	Normal	Comments	
Minimum land for farming	1 acer - Maluma	l acer - Hass	Good for basic start	
Number of plants in one acer	350 (9 X 13 Feet)	250 (15 X 15 Feet)	# Of Plants & Spacing	
Cost Per Tree	Maluma 2500/-	Hass - 2000/-	Imported varieties - Options like	
Cost Per Tiee	Maruma 2500/-	nass - 2000/-	(Maluma, Hass & others)	
Total cost for plants	₹8,75,000.00	₹5,00,000.00	Plant cost with taxes	
Yield per year per tree in kg	25-30 kg	25-30 kg	4th Year onwards	
Per kg cost - @ Farm	125/- to 250/-	125/- to 250/-	Price varies based of the quality of the fruit & actual market	
Revenue on 4th year	13 - 16 Lakh	<mark>7 - 9 Lakh</mark>	The same revenue can be expected for 40 years	
Tree Life	40-60 years	40-60 years	he analysis says it can go for 100 years	

NOTE - ALL ABOVE CALCULATIONS EXCLUDED INFRASTRUCTURE, LABOR & ANOTHER MAINTENANCE COST.

Avocado Yield Metrics

The following table provides an indication of achievable yields.								
Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year
Yield/tree (kg)	12 kg	20 kg	25 kg	28 kg	28+kg	30+ kg	30+ kg	30+ kg

Avocado Farm – Capital & Operational Expense

Capital Expense For 1 Acer Avocado Plantation							
Sr.No	Activity	1 acre	Unit	Price	Comment		
1	Plants	1	350	875000	Imported plant price (2500/- per plant)		
2	Ridges	1	60	66000	Excavator hours to build Ridges		
3	Potting/Planting	1	50	17500	Labor charges		
4	Drip irrigation	1	1200	60000	Dripper and laterals.		
5	Shed net/bamboo	1	300	15000	Green Shed net and bamboo for Plant Cover		
6	Transportation	1	60	12000	60 Rs per kilometer. (200 Km Default)		
7	Farming tools	1	10	10000	Spray pump, other tools		
	Total cost			INR 1,055,500.00			
	Operational Expense Per Year						
Sr.No	Activity	1 acre	Unit	Price	Comment		
1	Fertilizer and Micro Nutrients	1	20	10000	Unit is KG		
2	Fungicide	1	20	10000	Unit is KG		
3	Insecticide	1	20	10000	Unit is KG		
4	Labor	1	12000	144000	Salary in Rs		
			1st year cost	174000			
			2nd year cost	191400	(10% increase per Year)		
			3rd year cost	210540	(10% increase per Year)		
	Total Cost till Fruiting			INR 575,940.00			
	Total Avocado Plantation Proje	ct Cost	over 3 Years	INR 1,631,440.00			

Avocado Farm – Return of Investment

Return on Investment in 1 Acers of Avocado Plantation						
	Fruits per plant in KG	Price per KG	# Plants per acre	Total Cost	Progression	Comments
	15	200	350	₹1,050,000.00	3rd Year	Yield per tree
Yield in 1	25	225	350	₹1,968,750.00	4th Year	normalizes at
Acer	35	225	350	₹2,756,250.00	5th Year	maturity
	38	250	350	₹3,325,000.00	6th Year	

Avocado Farming Common Questions & Answers.

Question	Answers				
Flowering cycle	Once in a year				
Flowering time	Winter				
Harvesting time	Fruits are ready for harvest when the color of seed coat within the fruit changes from yellowish white to dark brown. Mature fruits ripen six to ten days after harvesting. The fruits remain hard as long as they stay on the trees, softening only after harvest.				
Favorable temperature for flowering	For avocado trees to produce flowers, a period of about 4 weeks of relatively cool temperatures needs to occur in winter. For fruit set to occur, periods of 3 days in a row are needed at flowering time which the temp does not drop below $10^{\circ}C$				
Favorable overall temperature	$10^{\circ}\text{C} - 40^{\circ}\text{C}$				
Effect of heavy rains on fruits	Avocados can be grown on a wide range of soils, but they are extremely sensitive to poor drainage and cannot withstand water-logging. They are intolerant to saline conditions. Optimum range of pH is from 5 to 7. Depending on the race and varieties, avocados can thrive and perform well in climatic conditions ranging from true tropical to warmer parts of the temperate zone				
Pruning season	After Harvesting				
Per plant yield	The yield ranges from about 25KG to 50KG per tree				
Total grads in fruits	Grade varies based on oil content and size of the fruit. 250 to 300 grams in size & have minimum 20% of oil content are qualified as good quality avocado.				
Rates as per grading	Rs 150-225 per kg. Picked from Farm.				
Organic maneuvering possible	It is very much possible - Correct nutrition is critical but fertilizer treatments should be based on the results of regular soil and leaf analysis. In less fertile soils, soil analysis results may suggest adding lime, dolomite, phosphorus and selected trace elements before planting. If you need to apply fertilizer or manure before planting, do so 6 months before so it's broken down and taken up by the soil before planting. These fertilizers pose less risk to tree roots. You should never use nitrogen, potassium or animal manures on or just before planting. Fertilizing soon after planting can burn the tender feeder roots of the young tree. You should pay particular attention to levels of: nitrogen, boron, calcium, zinc & soil pH. Nitrogen encourages tree growth and canopy health. Boron is important to add before and during flowering for fruit set, calcium is important for fruit quality and zinc is an important trace element that is often deficient. Soil pH (measured in water) of about 5.5 is considered best but this level is impractical to reach in calcareous soils. Trees can grow successfully in pHs of up to about 7.5, although iron chlorosis can be an issue				
Main threats	Root rot and anthracnose are the 2 main diseases that affect the plants a most. Fruit-spotting bug and banana-spotting bug				
Shelf life	30 - 40 Days - Can be increased after cold storage				
Hight after pruning	10-12 feet Hight is ideal to maintain				
Can it be grown under shade net house	Yes, it will help to maintain and grow.				
Planting Time	Mid Sep- Mid Jan				

Services Provided

Hassle-free Solutions



Avocado Plants

Provide high quality, imported and grafted Avocado (Maluma) Plants.



Brand Outreach &

Provide NuTreeFarm as a brand to sell avocado fruits in the market.



Knowledge & Guidance

Guide you through :
Soil preparation
Plant Management
Fertilization and Irrigation Management
Canopy Management
Harvesting and Pruning



Market Establishment

Create market for farmers to get better rates and promise fruit buyback along with packaging and storage facilities.



Active

Farmers

15,000 + 30 +

Plants Successfully Planted Expertise in Plantation and moving towards propagation

5 yrs +

50+ Acres

Successful plantation at Pune, Konkan, Nashik, Satara, Kolhapur, Jalna, Beed in Maharashtra. Successful plantation in Andra-Pradesh, Madhya-Pradesh, Gujrat, Tamil Nadu, Assam.

50+Acres

NuTreeFarm Agricultural Company

was formed in 2016 & has a headquarter in Pune India. The company's objective is to offer complete guidance in executing the commercial avocado plantation project by providing high-quality imported grafted Avocado plants in any part of India and supporting in cultivation.



+91 91456 11999

Info@nutreefarm.com www.nutreefarm.com

For more Educational content, do visit us on our Youtube Channel

0 f y 9 0



NuTreeFarm Agricultural Company



Grafted High Quality Avocado Plants

We at NuTreeFarm, provide high quality, imported grafted Avocado plants. The company is partnered with Allesbeste Nursery in South Africa to provide highquality Avocado plants in India Imported "Grade A"

Avocado Plants

Grafted - Micro Clonal Varieties



Varieties offered by us :

Grade A: Maluma, Hass, Pinkerton Grade B: Fuerte, Bacon, Ettinger, Zutano



We have exclusive Partnership with Allesbeste Kwekery Nursery and The Fruit Farm Group In South Africa



Maluma Avocado

High Quality

Features & Characteristics.



Maluma avocados fruit skin is rough and pebbly. These avocados are large, colorful and creamy with a wonderful nutty flavor.

Characteristics of Maluma Avocado

- Maluma fruit colors and ripens more consistently and beautifully.
- Maluma's flesh to stone ratio is very favorable.
- At the same moisture content than Hass, Maluma's Oil content is higher.
- Maluma contains less fiber than Hass.
- Less susceptible to lenticel damage.
- Maluma is magnificent in Ripe & Ready programs.
- Fruit production tend to peak on larger sizes in comparison to Hass.

Best Practices

Commercials

Proven Methodologies

Avocado Farming Calculator				
Min. Land for Farming	1 Acre			
No. Of Plants per Acre	350			
Plantation Type	High Density			
Plantation Style	9 x 12 ft			
Yield Per yr per tree	20 - 25 kgs			
Per Kg Cost (Wholesale)	150/- to 200/-			
Tree Life	40 - 60 years			
Revenue on 4th Year	₹ 1,312,500 /-			

FAQ's				
Planting Time	Mid Sep- Mid Jan			
Flowering cycle	Once in a year			
Flowering time	Winter			
Favorable overall temperature	10°C - 40°C			
Pruning season	After Harvesting			
Per plant yield	25KG to 50KG per tree			
Main threats	Root rot and anthracnose			
Shelf life	30 - 40 Days - Can be increased after cold storage			
Height after pruning	10 - 12 feet Hight is ideal			

We offer both farming and investment Options.