



*Earth to Worth*

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**YOUR GUIDE  
TO GROW  
MELIA DUBIA**





## INTRODUCTION TO MELIA DUBIA TREE.

MELIA DUBIA , ALSO KNOWN AS MALABAR NEEM, ROYAL TREE, MALASYIN NEEM ETC., IS A MELIACEAE FAMILY TREE. IT HAS BECOME FAMOUS ALL ACROSS THE BHARAT BECAUSE OF IT'S FAST GROWING CAPACITY. IT IS A SOFTWOOD TIMBER WITH MULTIPURPOSE USES. IT CAN BE HARVESTED WITHIN 7 TO 8 YEARS. IT IS USEFUL FOR MANY INDUSTRIES, SUCH AS:- PAPERWOOD, FIREWOOD, FURNITURE, PLYWOOD & PANEL.



# NEED TO KNOW BEFORE PLANTATION :-



MINIMUM 20 TO 30 INCHES OF RAIN IS NECESSARY FOR BETTER GROWTH. RAIN WATER SHOULD NOT STOP INTO FARM FOR LONG TIME.



AT INITIAL STAGE IRRIGATION IS A KEY TO ACHIEVE BEST GROWTH. WE NEED TO WATER PLANTS UPTO 3 YEARS DEPENDING ON GROWTH. TDS VALUE OF WATER SHOULD NOT BE MORE THAN 1000 FOR BEST RESULTS.



PH VALUE OF LAND SHOULD BE BETWEEN 5.5 TO 8 FOR OPTIMUM GROWTH. HARVESTING CAN BE DONE IN 7 YEARS IN FERTILE & IRRIGATED LAND.



DISTANCE BETWEEN PLANTS SHOULD BE 12 X 12 FT. OR 15 X 15 FT. AT THE DISTANCE OF 12 X 12 FT. 304 PLANTS & AT THE DISTANCE OF 15 X 15 FT. 192 PLANTS CAN BE PLANTED IN ONE ACRE.



INTERCROPPING IS POSSIBLE UPTO 3 YEARS. NATURAL FARMING IS MUST FOR BETTER FUTURE OF SOIL, PLANTS & COUNTRY.





# INVESTMENT

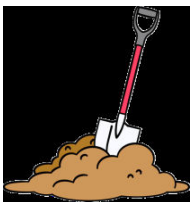
[FOR ONE ACRE]

300 PLANTS CAN BE PLANTED IN ONE ACRE AT THE DISTANCE OF 12 X 12 FT. ONE PLANT COST 20 RS. SO,  $300 \times 20 = 6000$  RS.



CHEMICAL FREE FERTILIZER OF 15 RS IS USED IN ONE PIT. SO,  $300 \times 15 = 4500$  RS.

[ FERTILIZER RATES MAY VARY ACCORDING TO LOCATION ]



DIGGING PITS & PLANTING THE PLANTS COST 6 TO 8 RS PER PLANT. SO,  $300 \times 8 = 2400$  RS.

[ THIS COST MAY VARY ACCORDING TO VAGES OF LABOURS OF DIFFERENT AREAS ]

ALL OTHER EXPENSES LIKE :- FENCING, LAND PREPARATION, BORE WELL, INSTALLATION OF DRIP & OTHERS WILL BE ADDITIONAL. [ THOSE EXPENSES WILL BE MENTIONED IN PROJECT REPORT ]



## GROWTH REQUIRED

WE NEED TO KNOW ONE THING VERY CLEARLY. TO MAKE MELIA DUBIA FARMING PROFITABLE, MINIMUM GIRTH OF TREE SHOULD BE 36 INCHES UPTO 20-25 FEET FROM THE BOTTOM. TIMBER IS CUT INTO LOGS OF 8 FEET. ON BOTH THE END GIRTH SHOULD BE 36 INCHES TO BE MOST BENEFICIAL FOR COMPANY & FARMER.

## PROFIT :-

ONE TREE PRODUCES 750 – 1000 KG WEIGHT OR 15 – 20 CFT. OF WOOD.

IT COST 6000 – 8000 RS PER TON OR 325-450 RS PER CFT. IT MEANS ONE TREE CAN FETCH 4000-8000 RS AS PURE PROFIT.

IN 8 YEARS 12 – 15 LAC EARNING IS POSSIBLE FROM ONE ACRE.

ALL OTHER WOOD MATERIAL OF A TREE ALSO CAN BE SOLD TO OTHER INDUSTRIES.



## CONCLUSIONS-

MELIA DUBIA IS A GOOD SOLUTION FOR ALL PRESENT FARMING PROBLEMS.





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[aranyanaturefarm3@gmail.com](mailto:aranyanaturefarm3@gmail.com)

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