

Dragon Fruit Farming Project Report

It's a considerable number to even think about it, and straight away, a question falls in our mind, is dragon fruit farming profitable ! Don't worry, I will answer with a **calculation** and prove how to earn ten million per acre from the fruit farming.

Dragon fruit cultivation **cost per acre**- When it comes to profit, the income from 1- acre dragon fruit is around ten lakhs, after taking out the cost, you can get a net profit up to five lakhs, per acre in first year later it will increase. The amount of five lakh which you invested is one time investment for twenty years because the life of dragon fruit is at least 20 years.

One can get fruit from just eight months old dragon fruit plant, and after sixteen months, it can produce 6.5 ton per acre. It will increase day by day after two years it will produce at-least 10 to 12 ton of dragon fruits per/acre. Let us do a quick math here.

However, the average price of red pulp dragon fruit is 150-200 Rs/kg, for example if someone is producing around ten-ton fruits in one acre of land and selling it in just 100 Rs/kg then also he is earning 10 lakh in one year, still can't understand look at the formula-

1 ton = 1016 kg ---> 10 ton (10x1016) will be = 10160 kg

If selling price is 100 Rs per/kg ---> 100 x 10160 = 10,16,000 - Rs Ten lakh, sixteen thousand/

I guess, I have made you understand about dragon fruit business plan and now you are aware of dragon fruit yield per year. I have given just an example you can calculate it by putting the actual value of the fruit which is around 150-200 Rs/kg in C type variety. Don't forget to reduce your investment of Rs 5 to 6 lakh, but the specialty of the fruit i.e, it is just one time investment and will give more benefits after increasing years. Apply the same formula to get dragon fruit yield per hectare.

Cost of dragon fruit farming

The Solution: **5 to 6 lakh per/acre is the dragon fruit farming cost**

Five to six lakh per acre is the much needed investment for dragon fruit farming. Drip irrigation, leveling, labour installation included with good quality of plant will cost 5 to 6 lakh per/acre.

It is a onetime investment because the life of the plant is at least 20 years. Dragon fruit is a climbing cactus and will need support to climb. Therefore, in orders, to grow you will need to plant it near a fence, build a trellis, or a climbing pole. In either case, it's extremely important for your fruit plant to be able to support itself.

I am suggesting concrete as support because the weight of this plant will grow 200 to 250 kg in 5 to 10 years (because of tons of fruits). Moreover, it is economically very good in comparison to steel and other materials; concrete pole usually survive for thirty years. The cactus plant needs support, and concrete is one of the cheapest and healthiest option available to support the plant for years.

One can install the spacing of eight foot by ten foot, 450-500 concrete poles in one acre of land can be installed for dragon fruit farming.

Labour cost in required in fruit farm: As dragon fruit farming is a commercial crop farming system, we must employ at least one labour or skilled worker to manage a 1-acre fruit farm. On average, we may pay Rs-6,000, per/month. For one year, the labour cost is Rs-72,000 for one skilled labour/worker.

Age of dragon fruit is approximately 20 years however, it can produce few fruits after 8 months and lot more fruits after 2 years moreover it will increase producing fruits every year till twenty years; this is the most promising reason behind the ultimate success of this plant across the world.

If we talk about variety, then one should try "C" variety plant because it is high yielding and fast-growing plant variety.

Red pulp variety is 160-220 Rs kg but white pulp variety is meagre, only 70-80 Rs kg.