



Low cost and high income in dollar gram through drip method

H. F. Patel, A. I. Makawana and A. J. Bhandari

Horticulture Polytechnic, ACH, NAU, Paria



Patel Pravinbhai Faljibhai
Village: Goral
Tal. Idar
Dist. Sabarkantha
Pin.: 383410
Mo. 9978017254



Pravinbhai has been cultivating dollar gram using drip irrigation for the last three years. He is the chairman of Goral Seva Sahakari Mandali. He has years of experience in doing some new farming. His father is a retired teacher. He brought chilli cultivation to this area. He sows dollar gram in a vapsa condition after irrigating it with water. After that, they use a weed killer called Extra stomp after 6 days. They sow on the sowing date- 24/10/2024. Also, they give organic bacteria, mycorrhiza and humic in drip system. Also, they give -0-52-34 and insecticide spray for controlling larva in the flowering stage. They say that 35 kg of seeds are sown in 1 acre by tractor with a tiller. The price of seeds is 4000 Rs. Moreover, it is sown at a distance of 2.5 x 10 cm. Irrigation is given first at 22 days and second at 15 days and then at 5-7 days as per requirement.

**Cost of Cultivation per Acre**

1.	Seed Cost – 35 kg –Rs.7000/-
2.	Weedicide -Extra stomp – Rs.1200/-
3.	Hand weeding –Rs. 2000/-
4.	Pesticide cost –Rs. 3200/-
5.	Fertilizer (00-52-34)-Rs. 2000/-
6.	Drip Irrigation cost (5 year average cost)- Rs. 11000/-
7.	Fungicide -Rs. 2150/-
८.	Cutting charge –Rs. 1200/-
९.	Thrashing charge -Rs. 1200/-
१०.	Cleaning cost –Rs. 1000/-

Total Cost of cultivation

Income per acre				
Production	Rate per kg	Total production (Rs.)	Cost	Profit
1600 kg	Rs. 100	16000/-	31950/-	128050/-

Moreover, since the fertilizer system for gram is also less, the soil does not deteriorate. The second crop also grows well. Pravinbhai gets very good profit in gram with low cost. He provides a good example in the surrounding villages.