

Farm Plan: nandini

Farm Details

Farm Name	nandini
Grape Variety	Concord
Location	Not specified
Farm Size	300.0 m × 200.0 m
Plant Spacing	3.0 m × 2.4 m
Creation Date	March 26, 2025

Farming Schedule

Planting Date	March 27, 2025
End Date	March 27, 2028

Farming Tasks

Task	Category	Due Date	Status
Soil Testing	preparation	2025-03-17	Pending
Land Preparation	preparation	2025-03-24	Pending
Install Irrigation System	preparation	2025-03-26	Pending
Planting Day	planting	2025-03-27	Pending
Deep Watering	water	2025-03-28	Pending
Apply Mulch	soil	2025-03-30	Pending
Regular Watering	water	2025-04-26	Pending
First Fertilization	fertilize	2025-04-06	Pending
Install Trellis System	structure	2025-05-11	Pending
Shoot Training	training	2025-05-26	Pending
Month 4 Watering	water	2025-07-25	Pending

Month 5 Watering	water	2025-08-24	Pending
Month 6 Watering	water	2025-09-23	Pending
First Summer Pruning	prune	2025-09-13	Pending
Month 7 Watering	water	2025-10-23	Pending
Summer Fertilization	fertilize	2025-10-08	Pending
Month 8 Watering	water	2025-11-22	Pending
Pest Control	pest	2025-11-02	Pending
Month 9 Watering	water	2025-12-22	Pending
Month 10 Watering	water	2026-01-21	Pending
Month 11 Watering	water	2026-02-20	Pending
Winter Pruning	prune	2026-02-05	Pending
Winter Fertilization	fertilize	2026-02-15	Pending
Month 12 Watering	water	2026-03-22	Pending
Year 2 - Winter Pruning	prune	2026-04-16	Pending
Year 2 - Spring Fertilization	fertilize	2026-05-01	Pending
Year 2 - Flowering Stage	monitor	2026-07-25	Pending
Year 2 - Fruit Set	fertilize	2026-08-29	Pending
Year 2 - First Small Harvest	harvest	2026-12-12	Pending
Year 3 - Full Production Preparation	structure	2027-05-11	Pending
Year 3 - First Full Harvest	harvest	2027-12-12	Pending

Task Descriptions

#	Task	Description
1.	Soil Testing	Conduct soil pH test, check nutrient levels
2.	Land Preparation	Deep plowing, leveling, and adding organic matter
3.	Install Irrigation System	Set up drip irrigation system for water efficiency
4.	Planting Day	Plant Concord vines with proper spacing
5.	Deep Watering	Provide 10-15 liters per plant
6.	Apply Mulch	Apply organic mulch around plants to retain moisture

7.	Regular Watering	Water every 3-4 days (5-10 liters per vine)
8.	First Fertilization	Apply NPK 10-10-10 (half dose)
9.	Install Trellis System	Set up wooden posts with wires for vine training
10.	Shoot Training	Train primary shoots onto trellis
11.	Month 4 Watering	Water every 10-14 days (8-10 liters per vine)
12.	Month 5 Watering	Water every 10-14 days (8-10 liters per vine)
13.	Month 6 Watering	Water every 7-10 days (10-12 liters per vine)
14.	First Summer Pruning	Remove extra shoots, keeping only 2-3 strongest
15.	Month 7 Watering	Water every 7-10 days (10-12 liters per vine)
16.	Summer Fertilization	Apply NPK 10-10-10 (full dose) + micronutrients
17.	Month 8 Watering	Water every 7-10 days (10-12 liters per vine)
18.	Pest Control	Spray neem oil or organic insecticides
19.	Month 9 Watering	Water every 7-10 days (10-12 liters per vine)
20.	Month 10 Watering	Water every 10-14 days (8-10 liters per vine)
21.	Month 11 Watering	Water every 10-14 days (8-10 liters per vine)
22.	Winter Pruning	Prune back vines to shape for next year
23.	Winter Fertilization	Apply potassium-based fertilizer for winter hardiness
24.	Month 12 Watering	Water every 10-14 days (8-10 liters per vine)
25.	Year 2 - Winter Pruning	Remove weak and overcrowded branches
26.	Year 2 - Spring Fertilization	Apply NPK 15-15-15 + organic manure
27.	Year 2 - Flowering Stage	Monitor flower buds appearance
28.	Year 2 - Fruit Set	Apply Calcium & Magnesium fertilizers
29.	Year 2 - First Small Harvest	Harvest small amount of Concord grapes
30.	Year 3 - Full Production Preparation	Ensure trellis system can support full yield
31.	Year 3 - First Full Harvest	Harvest mature Concord grapes (15-20 kg per vine)

Plant Notes

No plant notes recorded yet.