

Farm Plan: Krushigandha Farm

Farm Details

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| Farm Name | Krushigandha Farm |
| Grape Variety | Moon Drops |
| Location | Not specified |
| Farm Size | 100.0 m × 50.0 m |
| Plant Spacing | 2.4 m × 2.0 m |
| Creation Date | April 16, 2025 |

Farming Schedule

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|---------------|--------------|
| Planting Date | May 05, 2025 |
| End Date | May 05, 2028 |

Farming Tasks

| Task | Category | Due Date | Status |
|---------------------------|-------------|------------|-----------|
| Soil Testing | preparation | 2025-04-25 | Completed |
| Land Preparation | preparation | 2025-05-02 | Pending |
| Install Irrigation System | preparation | 2025-05-04 | Pending |
| Planting Day | planting | 2025-05-05 | Pending |
| Deep Watering | water | 2025-05-06 | Pending |
| Apply Mulch | soil | 2025-05-08 | Pending |
| Regular Watering | water | 2025-06-04 | Pending |
| First Fertilization | fertilize | 2025-05-15 | Pending |
| Install Trellis System | structure | 2025-06-19 | Pending |
| Shoot Training | training | 2025-07-04 | Pending |
| Month 4 Watering | water | 2025-09-02 | Pending |

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| Month 5 Watering | water | 2025-10-02 | Pending |
| Month 6 Watering | water | 2025-11-01 | Pending |
| First Summer Pruning | prune | 2025-10-22 | Pending |
| Month 7 Watering | water | 2025-12-01 | Pending |
| Summer Fertilization | fertilize | 2025-11-16 | Pending |
| Month 8 Watering | water | 2025-12-31 | Pending |
| Pest Control | pest | 2025-12-11 | Pending |
| Month 9 Watering | water | 2026-01-30 | Pending |
| Month 10 Watering | water | 2026-03-01 | Pending |
| Month 11 Watering | water | 2026-03-31 | Pending |
| Winter Pruning | prune | 2026-03-16 | Pending |
| Winter Fertilization | fertilize | 2026-03-26 | Pending |
| Month 12 Watering | water | 2026-04-30 | Pending |
| Year 2 - Winter Pruning | prune | 2026-05-25 | Pending |
| Year 2 - Spring Fertilization | fertilize | 2026-06-09 | Pending |
| Year 2 - Flowering Stage | monitor | 2026-09-02 | Pending |
| Year 2 - Fruit Set | fertilize | 2026-10-07 | Pending |
| Year 2 - First Small Harvest | harvest | 2027-01-20 | Pending |
| Year 3 - Full Production Preparation | structure | 2027-06-19 | Pending |
| Year 3 - First Full Harvest | harvest | 2028-01-20 | 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 Moon Drops vines with proper spacing |
| 5. | Deep Watering | Provide 10-15 liters per plant |
| 6. | Apply Mulch | Apply organic mulch around plants to retain moisture |

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| 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 Moon Drops grapes |
| 30. | Year 3 - Full Production Preparation | Ensure trellis system can support full yield |
| 31. | Year 3 - First Full Harvest | Harvest mature Moon Drops grapes (15-20 kg per vine) |

Plant Notes

| # | Plant Location | Title | Type | Date |
|----|----------------|------------|-------------|--------------|
| 1. | Row 2, Col 18 | Black Spot | Maintenance | Apr 16, 2025 |

Note Details

| # | Title | Content |
|----|------------|-----------------|
| 1. | Black Spot | Need Fertilizer |