



महाराष्ट्र राज्य द्राक्ष बागाईतदार संघ, पुणे.

मुख्य कार्यालय
'द्राक्ष भवन', ई/४, मार्केटवाड,
पुणे - ४११०३७.
फोन : ०२०-२४२६७९९०
०२०-२४२७०४९९
ईमेल - mrdbsho@gmail.com

प्रयोगशाळा, पुणे
पुणे-सोलापुर रोड,
मांजरी फार्म, ता. हवेली,
जि. पुणे - ४१२३०७.
मो. नं. ७७९६६३७९६५
ईमेल - mrdbslab@yahoo.in
mrdbslab@gmail.com

प्रयोगशाळा, नाशिक
'द्राक्षभवन', ओझर मिग, मुंबई, - आग्रा रोड,
ता. निफाड, जि. नाशिक - ४२२२०६
फोन : ०२५५० - २७३०८८ / २७५०८८
ईमेल - mrdbsnashiklab@gmail.com
mrdbsnashik@gmail.com

Lab No.	: 73	Email Id	: horizon.ozarmig@mvp.edu.in
Issued to	: Horizon Academy		
Village/City	: Kherwadi Road, Ojhar (Mig)	Identification	: Borewell
Taluka	: Niphad	Gat No.	: --
District	: Nashik	Sample Date	: 10/08/2023
Contact No.	: 7038937850	Report Date	: 11/08/2023

WATER EVALUATION REPORT

Parameter	Unit	Value	Range	Evaluation/Remark
pH	--	7.41	6.00 - 7.00 7.00 - 8.00 > 8.00	Safe Manageable ✓ Alkaline
Electrical Conductivity	dSm ⁻¹	0.417	< 1.00 1.0 - 2.00 2.00 - 4.00 4.00 - 6.00 6.00 - 8.00 > 8.00	Safe ✓ Problematic Rootstock necessary Tolerant to Dogridge Reduction in yield by 10% even using Dogridge. Reduction in yield by 25% even using Dogridge.
Chloride	me ⁻¹	0.5	< 3.00 3.00 - 4.00 4.00 - 10.00 10.00 - 20.00 21.00 - 24.00 > 25.00	Safe ✓ Upper tolerance limit for own root grapes. Harmful, use of rootstock necessary. Highest tolerance limit for Dogridge as rootstock. Reduction in yield by 10% even using Dogridge. Reduction in yield by 25% even using Dogridge.
Nitrate- N	ppm	6.87	< 10 > 10	Safe ✓ Unsafe for drinking but useful for irrigation, *

Parameter	Unit	Value	Range	Evaluation/Remark
Carbonate	me ⁻¹	0	Nil Present	Safe ✓ Unsafe
Bi-carbonate	me ⁻¹	0.68	< 10 > 10	Safe ✓ Unsafe
Calcium	me ⁻¹	0.13	< 3.75 3.75 – 10.00 > 10.00	Safe ✓ Harmful Unsafe
Magnesium	me ⁻¹	0.08	< 2.00 2.00 – 5.00 > 5.00	Safe ✓ Harmful Unsafe
Sodium	me ⁻¹	1.18	< 2.00 > 2.00	Low & Safe ✓ High & Unsafe
Potassium	me ⁻¹	0.0	--	--
Mg/Ca Ratio	--	0.61	< 1.50 1.50 – 3.00 > 3.00	Safe ✓ Harmful Unsafe
SAR	--	3.68	< 10 > 10	Low & Safe ✓ High & Unsafe, required to apply gypsum
R.S.C.	me ⁻¹	0.47	< 1.25 1.25 – 2.50 > 2.50	Safe ✓ Harmful Unsafe
Kelley's Ratio	--	5.61	< 1.00 > 1.00	Safe Unsafe ✓

Lab No: - 73

