FarmHawk

Crop Suitability for the below farm: Rice (Paddy)

● Mirza Ismail Road, Jaipur, Jaipur Municipal Corporation, Jaipur Tehsil, Jaipur, Rajasthan, 302001, India • 26.9136°N, 75.7087°E

POSSIBLE	Expected Profit	Risk Level	Top Action
Needs significant work	**Low–Moderate**	**Medium–High**	**Run FarmHawk analysis for detailed recommendations**

Climate Data: ● **Medium**   Soil Estimate: ● **Low**   Satellite Clarity: ● **Good**   Market Data: ● **Medium**

Our Assessment:

Rice (Paddy) is Marginally Suitable for this location. Significant constraints in multiple parameters. Consider alternative crops or substantial investment in mitigation. Refer to crop ranking for better-suited alternatives.

Projected Financial Impact

+15–25%	**8–12%**	**10–20%**	**1 Cycle**
Yield Uplift	**Input Savings**	**Risk Reduction**	**Payback**
If actions applied	Optimized irrigation	Early detection	FarmHawk investment

What This Means For Your Farm

Based on regional benchmarks for Rice (Paddy):

- **Extra income potential:** ₹ 18,000 – 42,000 per hectare per season
- **Input cost savings:** ₹ 3,000 – 6,000 per hectare from better irrigation
- **If you do nothing:** You may lose 20–35% of potential yield = ₹ 35,000 – 60,000 in lost income

Your Land Conditions

How well your land matches what this crop needs. Green = good, amber = okay, red = needs attention.

Drainage
Needs attention — action recommended | Confidence: Low

Rainfall
Needs attention — action recommended | Confidence: Low

Slope
Needs attention — action recommended | Confidence: Low

Soil Acidity
Needs correction — liming recommended | Confidence: Low

Soil Type
Needs attention — action recommended | Confidence: Low

Temperature
Needs attention — action recommended | Confidence: Low

Vegetation
Needs attention — action recommended | Confidence: Low

Water Access
Needs attention — action recommended | Confidence: Low

About these estimates: Soil data is estimated from satellite imagery (accuracy 55–75%). Climate and rainfall data is highly reliable. We recommend a local soil test before making large investments.

What You Should Do

Other Crops to Consider

Revenue estimates per hectare per season. Consider how long until your first harvest.

#	Crop	Score	Status	Key Insight
1	Sorghum	56/100	Possible with improvements	Good match for Annual Rainfall (score: 1.00)
2	Pomegranate	53/100	Possible with improvements	Good match for Annual Rainfall (score: 1.00)
3	Pearl Millet	58/100	Possible with improvements	Good match for Annual Rainfall (score: 0.99)
4	Wheat	50/100	Possible with improvements	Good match for Annual Rainfall (score: 1.00)
5	Maize (Corn)	51/100	Possible with improvements	Good match for Annual Rainfall (score: 1.00)

Investment Planner

Which improvements give you the best return? Start with the highest priority.

Run a full FarmHawk soil & satellite analysis to get a personalized investment plan

with priority actions, timelines, expected impact, and cost estimates.

What Happens If You Do Nothing

Planting Rice (Paddy) without fixing the issues above means:

- Low data confidence — several parameters are estimated rather than directly measured. Ground truth verification

Suitability scores are derived from remote-sensing data, modeled climate layers, and spectral soil estimates. Values carry inherent uncertainty: soil pH estimation accuracy is 55-75%, nutrient estimates 55-65%. Use local soil tests and field observation to confirm decisions before committing to full-scale planting. This assessment does not replace professional agronomic advice.

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