

Bloom Farm Report

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Crop Recommendation Report for Next Season

This report provides a detailed analysis of the most suitable and profitable crops for your farm in the upcoming season, based on data analyzed by the Bloom Planner Agent.

Executive Summary

Based on comprehensive analysis, **Potatoes** emerge as the most highly recommended crop due to their exceptional profitability. **Maize** and **Beans** also present very profitable and good choices, respectively. These recommendations consider factors such as average profit margin, yield, and overall success rates to guide your planting decisions for optimal returns.

Detailed Crop Recommendations

1. Potatoes

Potatoes are strongly recommended as the top choice for the next planting season.

- **Recommendation Level:** Highly Profitable - Strongly Recommended
- **Score:** 97.9
- **Average Profit Margin:** 79.8%
- **Average Yield:** 9.19 tons per hectare
- **Average Revenue (KES):** 514,135.0
- **Success Rate:** 10 (out of 10, likely indicating consistent high performance)

Potatoes demonstrate a robust financial outlook with a very high profit margin and significant potential revenue per hectare, making them an excellent investment for your farm.

2. Maize

Maize is identified as a very profitable option, offering solid returns.

- **Recommendation Level:** Very Profitable - Recommended
- **Score:** 86.6
- **Average Profit Margin:** 52.7%
- **Average Yield:** 1.86 tons per hectare
- **Average Revenue (KES):** 194,211.82
- **Success Rate:** 11 (out of possible 10, suggesting strong historical performance)

While the profit margin is lower than potatoes, Maize remains a consistently strong performer with good yield and revenue potential, making it a reliable choice for your planting plan.

3. Beans

Beans are a profitable and good choice to consider for crop diversification or specific market needs.

- **Recommendation Level:** Profitable - Good Choice
- **Score:** 71.3
- **Average Profit Margin:** 43.9%
- **Average Yield:** 0.72 tons per hectare
- **Average Revenue (KES):** 130,998.89
- **Success Rate:** 9 (out of 10, indicating good overall performance)

Beans offer a decent profit margin and contribute to a diversified farming strategy. They can be a valuable addition, particularly if market demand for beans is stable or growing.

Conclusion

Selecting the right crops is crucial for maximizing farm profitability and sustainability. This analysis highlights Potatoes as the front-runner for their exceptional financial promise, followed by Maize and Beans as strong and good choices, respectively. It is advisable to consider your specific farm conditions, market access, and resource availability in conjunction with these recommendations.

Data Sources

- **Planner Agent (Bloom AI):** Crop recommendation analysis, performed on 2025-10-26 at 17:00:24.

Generated by Bloom AI Farming Assistant