

Prompt 1 — 12-Month Profitable Rotation Plan

"You are a senior agricultural consultant with expertise in Indian smallholder farming and seasonal crop rotation. I own a 3-acre farm in [District, State] with [Soil Type] soil, an annual rainfall of [rainfall level] mm, and access to drip irrigation. My annual budget is [amount], and my goal is to maximise net profit while maintaining soil health. Prepare a 12-month rotational cropping plan in a table format showing crop name, seed variety (locally available), sowing date, harvesting date, input cost per acre, expected yield, average mandi (agriculture wholesale market) price from the last 3 years, and net profit per crop. End with a 200–300 word explanation of how this sequence improves soil nutrients and breaks pest cycles."

Prompt 2 — Market-Driven Crop Rotation

"You are an agricultural economist specialising in rural market trends and seasonal crop planning. Analyse the last 5 years' mandi (agriculture wholesale market) prices from [Mandi Name] for the top 10 crops in [State], factoring in demand peaks and off-season pricing. Based on these trends, prepare a 2-year crop rotation plan for my 5-acre clay loam farm with canal irrigation. Include a detailed cost-benefit analysis for each crop cycle, risk factor ratings, and possible export crops. Conclude with a contingency plan for delayed or failed monsoons that covers alternative crop choices and emergency irrigation methods."

Prompt 3 — Pest & Disease Break Rotation

"You are an integrated pest management (IPM) specialist experienced in crop rotation for pest control. My [size]-acre farm in [District] currently grows [list of crops], but pest pressure is rising. Prepare a 4-season crop rotation strategy that disrupts pest breeding cycles and reduces disease occurrence. Include a rotation chart, list of recommended resistant crop varieties, organic pest control measures, and a monthly farmworker task calendar. Provide 150–200 words explaining why these crop sequences are effective against common pests and how they reduce pesticide dependency."

Prompt 4 — Organic Certification Rotation

"You are an NPOP (National Programme for Organic Production)-certified farming advisor. I have a 2-acre farm in [State] and wish to achieve organic certification in 3 years. Design a rotation plan that complies fully with NPOP requirements, focusing on soil health regeneration and zero chemical inputs. Include crop sequences, green manure options, soil testing intervals, composting and biofertiliser schedules, and templates for record-keeping during certification audits. End with a section explaining how this rotation plan will enhance yield quality and increase market selling price for organic produce."

Prompt 5 — Low-Water Crop Rotation

"You are a water resource management expert for drought-prone farming regions in India. My [size]-acre farm in [District, State] receives less than [amount] mm of annual rainfall, and I have drip irrigation installed. Prepare a low-water-use rotational cropping plan that balances profitability and water efficiency. For each crop cycle, include water requirement per acre, cost-benefit analysis, and suitable crop varieties. Recommend rainwater harvesting and soil moisture retention techniques, and list applicable government drought-relief schemes for my state."

Prompt 6 — Flood-Prone Area Rotation

"You are a disaster-resilient agriculture planner. My [size]-acre farm in [State] is in a flood-prone area with waterlogging during heavy rains. Prepare a rotation plan focusing on water-tolerant crops, raised-bed planting techniques, and fast-recovery varieties. Include pre-flood, during-flood, and post-flood planting schedules, along with drainage layout diagrams and an emergency replanting seed list. Mention crop insurance schemes available under PMFBY (Pradhan Mantri Fasal Bima Yojana) and how to apply for them."

Prompt 7 — Smallholder Budget Rotation

"You are a rural farming development advisor. I am a smallholder with 1.5 acres in [State] and a budget of ₹50,000 for the year. Create a cost-effective crop rotation plan that ensures consistent income with minimal inputs. Include low-cost, high-yield crop combinations, seed sourcing options within 50 km, and an ROI (Return on Investment) projection for each season. Add a labour schedule optimised for family participation without the need for hired workers. Also, suggest one high-value crop that could increase income over the long term."

Prompt 8 — Intercropping-Based Rotation

"You are an intercropping and soil nutrition specialist. My 2-acre farm in [State] wants to combine cash crops with nitrogen-fixing legumes for improved soil health. Design a rotation plan that integrates intercropping layouts, crop compatibility charts, and pest reduction benefits. Provide planting-to-harvest timelines, expected yield improvement percentages, and diagrams of crop arrangement. Explain in 150–200 words how intercropping in rotation contributes to higher long-term productivity and reduces fertiliser needs."

Prompt 9 — Export-Oriented Rotation

"You are an agriculture export consultant. I want to include export-demand crops such as turmeric, ginger, or [select spices] in my rotation for a farm in [State]. Create a rotation schedule that aligns with export market timelines and quality standards. Include planting and harvesting schedules, post-harvest handling guidelines, export certification requirements, and a list of target export countries with average FOB (Free on Board) prices. Provide a profitability comparison between domestic and export sales, with strategies to meet international buyer requirements."

Prompt 10 — Agri-Tourism Rotation

"You are an agri-tourism strategist. My farm in [State] is open to visitors year-round, and I want crop rotation to also enhance tourist appeal. Design a rotation plan that uses colourful, visually attractive crops in each season, interactive harvesting activities, and a mix of high-profit and experience-based crops. Include an annual calendar aligned with local festivals and tourism peaks. Provide an estimated revenue breakdown from both crop sales and tourism activities."

Prompt 11 — Medicinal Plant Integration

"You are an ayurvedic agriculture advisor with experience in commercial medicinal crop cultivation. My 3-acre farm in [State] is suitable for crops like ashwagandha, tulsi, lemongrass, and aloe vera. Prepare a rotation plan that integrates these medicinal crops with food crops to ensure both

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profitability and soil balance. Include a seasonal planting schedule, processing and drying requirements, market demand analysis (domestic + export), and possible certifications like AYUSH Organic. Provide post-harvest handling tips to preserve medicinal quality."

Prompt 12 — Climate-Resilient Rotation

"You are a climate adaptation specialist. My 4-acre farm in [District] has highly unpredictable rainfall patterns due to changing monsoon cycles. Create a resilient crop rotation plan with at least three planting scenarios: early monsoon, normal monsoon, and delayed monsoon. For each scenario, include crop choices, variety names, sowing dates, and backup irrigation strategies. Provide a risk analysis comparing yield stability across all scenarios and suggest government schemes for climate-resilient agriculture in my state."

Prompt 13 — Urban Market Supply Rotation

"You are a fresh produce supply chain expert. My farm supplies vegetables directly to [City] through weekly home delivery and farmers' markets. Create a rotation plan that ensures year-round, consistent availability of fresh produce without surplus waste. Include crop succession schedules, cold storage integration, transport logistics, and marketing campaigns aligned with urban consumer trends. Add WhatsApp message templates for weekly promotions and recipes to increase buyer engagement."

Prompt 14 — Soil Regeneration Focus

"You are a regenerative agriculture consultant. I have a 4-acre degraded farmland in [District] with poor organic matter levels. Prepare a 5-year rotational cropping plan to restore soil fertility and structure. Include the use of green manure crops, nitrogen-fixing legumes, and deep-rooted plants to break compaction. Provide an annual organic amendment schedule, soil testing checkpoints, and KPIs (Key Performance Indicators) for monitoring improvement. Explain the expected timeline for reaching optimal soil health levels."

Prompt 15 — Fodder & Cash Crop Combo

"You are a mixed farming systems advisor. My 5-acre farm in [State] supports both crop cultivation and dairy livestock. Create a rotation schedule that combines high-nutrition fodder crops (e.g., maize, sorghum) with high-value cash crops for human consumption. Provide seasonal planting dates, nutritional value breakdown for fodder, and income projections from both streams. Suggest methods to use crop residues for livestock feeding to achieve zero waste."

Prompt 16 — Contour & Sloping Land Rotation

"You are a soil and water conservation specialist. My 3-acre farm in hilly terrain in [State] is prone to erosion during heavy rains. Design a rotation plan with contour farming techniques, cover crops, and erosion control plants. Include a land layout diagram showing crop placement, suggested grass barriers, and cover crop rotations. Provide yield projections and outline the long-term soil conservation benefits of this approach."

Prompt 17 — Monsoon Delay Backup

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"You are a risk mitigation expert for rainfed farming. My farm in [District] has faced delayed monsoon starts for the last 3 years. Prepare a rotation plan that includes both main crops and fast-growing backup crops in case of further delays. Provide a sowing window flexibility chart, irrigation contingency measures, and a financial impact comparison between early and late planting. Suggest drought-tolerant varieties that can be sourced locally within 7 days of need."

Prompt 18 — MSP-Linked Rotation

"You are a government agriculture policy advisor. Design a crop rotation schedule for my 4-acre farm in [State] that prioritises crops covered under MSP (Minimum Support Price) in India. Include an annual calendar with MSP rates for the last 3 years, expected net profit margins, and storage options if immediate sale is not profitable. Provide a comparison table showing MSP crops vs. alternative cash crops in terms of risk, profitability, and market volatility."

Prompt 19 — Bee-Friendly Crop Rotation

"You are a pollination management expert. My farm in [State] also maintains honeybee colonies. Create a rotation plan that ensures year-round nectar and pollen sources for bees while maximising crop yield. Include a flowering calendar, list of bee-friendly crops and their compatibility with main cash crops, and the expected honey yield per season. Suggest natural pest control measures that will not harm bee populations."

Prompt 20 — Community Farming Rotation

"You are an FPO (Farmer Producer Organisation) operations advisor. A cluster of 10 farmers in [District] is pooling 20 acres for coordinated farming. Create a collective crop rotation plan that allows bulk input purchasing, staggered harvesting, and collective selling for better prices. Include a seasonal plan, labour division chart, shared storage solutions, and a marketing strategy targeting both local and institutional buyers. Mention how to register the FPO for government benefits."

Prompt 21 — Organic + Hydroponic Combo

"You are an agri-tech integration consultant. My 2-acre farm in [State] wants to combine open-field organic farming with hydroponic leafy green production. Create a rotation plan that synchronises soil crop cycles with continuous hydroponic harvests. Include resource usage comparisons, profitability analysis, and marketing strategies for premium buyers. Suggest how to brand the produce to highlight both organic and high-tech farming methods."

Prompt 22 — Government Scheme Maximisation

"You are a subsidy optimisation specialist for agriculture. Prepare a rotation plan for my 3-acre farm in [State] that ensures eligibility for PM-Kisan (Pradhan Mantri Kisan Samman Nidhi), PMFBY (Pradhan Mantri Fasal Bima Yojana), and state-level subsidies. Align the crop schedule with application deadlines, documentation requirements, and inspection dates. Provide an estimate of total benefits and how they offset annual farming costs."

Prompt 23 — Farm Shop Supply Rotation

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"You are a direct-to-consumer (D2C) agricultural marketing advisor. My farm operates its own retail shop in [City], and I want a rotation plan that keeps the shop stocked with diverse fresh produce year-round. Include seasonal planting schedules, harvest storage timelines, and marketing ideas to boost daily footfall. Suggest bundled produce offerings that align with festival seasons and weekly family shopping needs."

Prompt 24 — Zero-Waste Rotation

"You are a sustainable agriculture consultant. Create a rotation plan for my [size]-acre farm in [State] where every crop's by-products are reused in the next crop cycle (e.g., straw for mulching, crop residues for composting). Provide a crop-by-crop residue usage chart, waste reduction percentage targets, and estimated cost savings from this approach. Include methods to convert certain residues into saleable products like biochar or animal feed."

Prompt 25 — Multi-Year Scaling Plan

"You are a long-term farm growth strategist. My farm in [District] is currently 2 acres and will expand to 5 acres over the next 3 years. Prepare a scaling-oriented rotation roadmap that outlines yearly crop plans, required infrastructure upgrades (e.g., irrigation expansion, storage), and a capital investment timeline. Include projected income growth per year, potential new market entry points, and risk management strategies for the expansion phase."