MINIMUM SUPPORT PRICE: A THEORETICAL ANALYSIS

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ABSTRACT

This paper examines the theoretical foundations of the Minimum Support Price (MSP) system, a policy tool designed to stabilise farmers' incomes, correct market imperfections, and promote rural development. The analysis spans economic theory, policy design, agricultural incentives, and social impacts, while integrating international perspectives and critiques. Although MSP serves important socio-economic objectives, it also faces theoretical challenges concerning market efficiency and policy distortions. This paper proposes theoretical innovations for a sustainable and dynamic MSP framework. The Minimum Support Price (MSP) is a government-set benchmark price intended to protect farmers against steep declines in market prices. Emerging predominantly in agricultural economies, MSP ensures a basic income for farmers while promoting food security. The concept gained prominence post-Green Revolution, particularly in India. This paper aims to theoretically analyse the economic rationale, policy frameworks, agricultural impact, social ramifications, and international debates surrounding MSP.

INTRODUCTION TO MSP

Minimum Support Price is the price set by the government to purchase crops from the farmers, whatever the crop market price. The Minimum Support Price, announced before the sowing season and guarantees farmers' agribusiness income in addition to sending out a clear price signal, is a crucial component of India's agricultural price policy. It acts as a safeguard against market volatility, maintains food security, and stabilises arm revenues. This in-depth analysis will examine MSP's goals, implementation strategies, historical development, economic ramifications, difficulties, and possible reforms. Broader agricultural market changes are more widely agreed upon as being necessary to encourage value addition, liberalisation, and give farmers direct access to markets, all of which will lessen their

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dependency on MSP as the only source of price support. By providing incentives to the farmers, the MSP helps to guarantee that the nation produces enough food grains. It supports the food security program through PDS (Public Distribution System) and other initiatives, pays farmers a fair price, and feeds food grains to buffer reserves. The government will occasionally pay more for purchases than the MSP. In this case, the cost will be called the procurement price. Following the harvest, the procurement price will be made public shortly. The procurement price is typically less than the market price but more than the MSP. The term "issue price" refers to the cost at which food grains that are procured and buffer stock are supplied via the PDS. The Cabinet Committee on Economic Affairs (CCEA), Government of India, determines the Minimum Support Prices (MSPs) of various agricultural commodities in India based on the recommendations of the Commission for Agricultural Cost and Prices (CACP). At the start of the sowing season, the Indian government announces minimum support prices for specific crops based on the recommendations of the Commission for Agricultural Costs and Prices (CACP). Support prices typically have an indirect impact on farmers' decisions about how much land to use for crops, how much crop to produce, etc. This is where the MSP creates a significant incentive for farmers to increase the quantity produced. At present, the MSP covers 24 crops that include seven kinds of cereal (paddy, wheat, barley, jowar, bajra, maize and ragi); five pulses (gram, arhar/tur, moong, urad, and lentil); eight oilseeds (groundnut, rapeseed/mustard, toria, soybean, sunflower seed, sesamum, safflower seed, and Niger seed); copra, raw cotton, raw jute and Virginia flu cured (VFC) tobacco. The FCI, governmental agencies, and cooperatives are in charge of purchasing crops. The Market Intervention Scheme (MIS), which is the MSP's counterpart, allows the state government to purchase perishable goods like vegetable items.

HISTORICAL BACKGROUND

Green Revolution Era (1960s-1970s): During the Green Revolution, which saw tremendous developments in agricultural technology and techniques meant to increase crop yields, the idea of MSP was first presented. A major goal of MSP in this era was to encourage farmers to use modern agricultural practices, inputs like herbicides and fefertilisersand high-yielding crop types.

Farmers' Protests (2019-2021): During the major farmer protests in India, where demands for formal guarantees of MSP and changes to agricultural marketing legislation were made, the MSP system attracted new attention. These demonstrations brought attention to the

problems of struggling farmers, unstable incomes, and the requirement for extensive changes to agricultural policy.

Policy Reforms and Future Directions: To solve some of the issues surrounding MSP, the Indian government has started implementing reforms. These include strengthening market ties, increasing procurement efficiency, and looking into ways to provide farmers with direct financial support. Discussions over the function of MSP in safeguarding farmers' well-being, encouraging sustainable farming practices, and harmonising market forces with social justice in the agriculture industry persist.

OBJECTIVES OF MSP

- Protect Farmers from Price Fluctuations: - MSP serves as a safety net for farmers, particularly in situations where there is an excess of produce or when market prices decline. It ensures that farmers always receive a fair price, especially during periods of low market prices, by setting a minimum price guarantee for specific crops. This keeps their revenue consistent and prevents them from selling their harvests for pitiful amounts of money.

- Promote Investment and Enhanced Output: - MSP incentivises farmers to buy improved seeds, fefertilisersand irrigation techniques with a price guarantee, ensuring enough food for India's expanding population. This assistance encourages farmers to cultivate a range of crops, reducing dependence on a single crop and ensuring enough food for everyone in the nation.

- Ensure Food Security: - MSP contributes by enticing farmers to cultivate vital crops, including pulses, wheat, and rice. This guarantees the government has an adequate supply of surplus food on hand. Then, they can efficiently and rapidly provide food to those in need during an emergency or a natural disaster.

- Encourage Diversification of Crops: - MSP can inadvertently encourage farmers to cultivate a variety of crops, even if its primary concentration is on vital crops. Farmers may choose to plant more crops in addition to what people want to buy and what grows well in their region.

- Increase Farmer's Income and Well-Being: - Farmers may make more money and have better lives when they receive a fair and consistent price for their crops. This lessens the income difference between those who live in rural areas and those who reside in cities, strengthening rural communities.

- Reach Stability in Prices: - While ensuring farmers receive a consistent income is crucial, MSP also contributes to maintaining stable pricing for consumers. To keep food affordable for all, the government keeps additional food in storage that thitan sell if prices rise too much.

- Enhance Social Equity: - Through providing a safety net and enhancing farmers' livelihoods, MSP seeks to alleviate income disparity and advance social equity in rural communities. This may result in more equitable and balanced development all around the nation.

- Decrease Reliance on Intermediaries: - Farmers are given more negotiating leverage with traders and middlemen thanks to the guaranteed price under MSP. By doing this, they may be able to obtain a more equitable portion of their earnings and become less reliant on middlemen.

- Encourage effective sourcing and storing: - To maintain excess supplies of essential food grains, the government purchases some crops at MSP. This guarantees that in times of need or scarcity of food, we will have enough supply.

THE MANDI SYSTEM

In many parts of India, mandis, or physical, basic agricultural markets, are enduring, commonplace institutions of economic life. Whenever they emerge, these areas are typically teeming with economic, social, and political activity that shapes and connects the relationships between the city and the countryside, as well as between local commodity markets and wider national and international capital and trade networks. Farmer's protest demands a deeper analysis of the mandi system in India and associated reforms to ensure the viability of agriculture for Aanadata (Farmers) of India.

Intended Benefits of Liberalising Mandis

Fair Play: The new law will enable farmers to interact on an even playing field without fear of exploitation with processors, wholesalers, aggregators, large retailers, exporters, etc.

Transfers Risk: In addition to giving the farmer access to more advanced technologies and superior inputs, it will shift the risk of market volatility from the farmer to the sponsor.

Attracts Private Sector: By establishing supply chains for the export of Indian farm produce to both domestic and international markets, as well as investing in agricultural infrastructure, this act will serve as a spur for the private sector to invest.

Removes Intermediaries: Farmers who participate in direct marketing will do so to remove intermediaries and realise the full price.

MSP PRICING LIST

The Indian government has increased the Minimum Support Price (MSP) for 22 mandated crops, including kharif and Rabi, based on recommendations from the Commission for Agricultural Costs & Prices (CACP), State Governments' views, and Central Ministries/Departments. The MSPs have returned at least 50% over the India weighted average cost of production from 2018-19. The government has announced crop-wise MSPs for these crops in the last three years, with an absolute increase in 2022-23 and 2023-24.

SL.NO.	COMMODITY	VARIETY	2021-22	2022-23	2023-24	INCREASE IN MSP (2022-23 OVER 2021-22)	INCREASE IN MSP (2023-24 OVER 2022-23)
	KHARIF CROPS						
1	**PADDY**	Common	1940	2040	2183	100	143
		Grade A	1960	2060	2203	100	143
2	**JOWAR**	Hybrid	2738	2970	3180	232	210
		Maldandi	2758	2990	3225	232	235
3	**BAJRA**		2250	2350	2500	100	150
4	**RAGI**		3377	3578	3846	201	268
5	**MAIZE**		1870	1962	2090	92	128
6	**TUR(ARHAR)**		6300	6600	7000	300	400
7	**MOONG**		7275	7755	8558	480	803
8	**URAD**		6300	6600	6950	300	350
9	**GROUNDNUT**		5550	5850	6377	300	527

10	**SUNFLOWER SEED**		6015	6400	6760	385	360
11	**SOYABEAN**		3950	4300	4600	350	300
12	**SESAMUM**		7307	7830	8635	523	805
13	**NIGERSEED**		6930	7287	7734	357	447
14	**COTTON**	Medium Staple	5726	6080	6620	354	540
		Long Staple	6025	6380	7020	355	640
	RABI CROPS						
15	**WHEAT**		2015	2125	2275	110	150
16	**BARLEY**		1635	1735	1850	100	115
17	**GRAM**		5230	5335	5440	105	105
18	**MASUR(LENTIL)**		5500	6000	6425	500	425
19	**RAPESEED & MUSTARD**		5050	5450	5650	400	200
20	**SAFFLOWER**		5441	5650	5800	209	150

	OTHER CROPS						
21	**COPRA (Calendar Year)**	Milling	10335	10590	10860	255	270
		Ball	10600	11000	11750	400	750
22	**JUTE**		4500	4750	5050	250	300

POLICY FRAMEWORK AND GOVERNANCE

The theoretical justification for MSP also rests within the broader realm of state intervention theories. Under social contract theory, governments are obliged to protect vulnerable groups like small farmers. In India, the Commission for Agricultural Costs and Prices (CACP) recommends MSPs based on production costs and broader socio-economic factors. The policy framework reveals two approaches: indicative (guidance prices) versus mandatory (enforced procurement). Theoretical debates also question whether setting MSPs without assured procurement renders the policy ineffective, referencing principal-agent theory and moral hazard risks in agricultural policies.

ECONOMIC THEORY OF PRICE SUPPORT MECHANISMS

Economically, MSP operates as a "price floor," a minimum price enforced above the equilibrium price to ensure producers receive adequate returns. According to classical price theory, while price floors can lead to excess supply (surpluses), they are justified when markets fail to fairly compensate primary producers. Market failures in agriculture often arise from price volatility, inelastic supply, and asymmetric information. Public intervention via MSP can theoretically stabilise lower income and maintain agricultural income, thereby fulfilling the Pareto improvement in welfare economics. However, critics argue from a neoclassical perspective that such interventions distort market efficiency and consumer surplus.

AGRICULTURAL PERSPECTIVE

From an agricultural economics standpoint, MSP acts as a risk management tool. Theoretically, guaranteed prices reduce income uncertainty, encouraging investment in farm inputs and technology adoption. MSP also influences cropping patterns: farmers gravitate toward crops with assured returns, potentially leading to monocultures. Resource allocation theories suggest that distortionary incentives (e.g., excessive water use for rice cultivation due to high MSPs) may cause environmental degradation, necessitating a theoretical balance between income support and ecological sustainability.

SOCIAL IMPACT ANALYSIS

Theoretically, MSP plays a pivotal role in rural poverty alleviation and socio-economic equity. Drawing from Rawlsian theories of justice, MSP ensures that the least advantaged farmers receive state protection. Additionally, theories on food security posit that stabilising agricultural incomes ensures steady food production, benefiting national food availability. However, critics highlight that MSP benefits often disproportionately favour larger farmers, exacerbating rural inequality, aligning with elite capture theories.

CRITIQUES AND THEORETICAL DEBATES

Based on behavioural economics, the "price illusion" critique argues that farmers overestimate the security offered by MSP, leading to inefficiencies. Public choice theory critiques government interventions, suggesting MSP policies may be co-opted by influential agribusiness lobbies. Theoretical comparisons between MSP and direct income support mechanisms (such as Universal Basic Income for farmers) argue that unconditional transfers may avoid market distortions while still ensuring farmer welfare.

INTERNATIONAL THEORETICAL PERSPECTIVES

Globally, MSP-like mechanisms conflict with the World Trade Organisation.ion) agreements, particularly the Agreement on Agriculture, which discourages market-distorting subsidies. Theoretical debates centre on "green box" versus "amber box" subsidies. Comparative analysis shows that the U.S.'s Price Loss Coverage (PLC) and the EU's Common Agricultural Policy (CAP) provide alternative models to minimise market distortions while supporting

farmer incomes. The theory of comparative advantage critiques excessive domestic support, arguing it distorts global agricultural trade.

TODAY'S RELEVANCE

The Farmers' Produce Trade and Commerce (Promotion and Facilitation) Act, the Farmers (Empowerment and Protection) Agreement on Price Assurance and Farm Services Act, and the Essential Commodities (Amendment) Act are the three main agricultural reform laws that are at the centre of the farmer protests that started in late 2020 and will continue until 2024 in India. Farmers are worried that these regulations will allow big businesses to dominate agricultural markets and even destroy the Minimum Support Price (MSP) system, which ensures a minimum price for their produce. They contend that corporate interests are prioritised the legislation above those of marginal and small farmers. The length, scope, and unity displayed by the nation's numerous farmers' unions during the protests brought them national and worldwide notice. Farmers camped out for months to express their concerns at protest locations, including Delhi's borders, which served as hubs for protests. Since talks between the government and farmers' unions are still going on in 2024, these protests are still relevant. Although there have been several rounds of discussions, a thorough settlement has not yet been achieved. The demonstrations remain a symbol of the challenges that Indian farmers confront, including growing input prices, rural hardship, and the requirement for sustainable farming methods. Millions of farmers' livelihoods, India's entire socioeconomic structure, and the country's agricultural policy would all be significantly impacted by the outcome of these demonstrations.

FUTURE OF MSP: THEORETICAL INNOVATIONS

Emerging theoretical models propose a "green MSP," where price supports are conditional on sustainable farming practices, integrating environmental economics into agricultural policy. Another innovation is "dynamic MSP," adjusting prices seasonally based on real-time market data, reducing inefficiencies. Incorporating digital agriculture and AI-driven predictive pricing models can, theoretically, align MSPs closer to market realities, improving welfare outcomes without major distortions.

CONCLUSION

Theoretically, MSP addresses critical gaps in agricultural markets, ensuring farmer welfare, rural development, and food security. However, challenges of market distortion, policy inefficiency, and inequitable benefit distribution persist. A nuanced theoretical approach, balancing protection with efficiency and integrating sustainability and technological innovations, is essential for the future viability of MSP frameworks.

REFERENCES

1. Bhagwati, J. (1982). Directly Unproductive, Profit-Seeking (DUP) Activities. *Journal of Political Economy*, 90(5), 988-1002

2. Stiglitz, J. E. (1987). The Causes and Consequences of the Dependence of Quality on Price, *Journal of Economic Literature*, 25(1), 1-48