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Towards One Nation, One Market: The Impact of State Agriculture Produce Market Committee (APMC) Act Reforms on e-NAM and the Digital Transformation of Agri-Markets

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PUBLISHED 30 December 2024

The **National Agriculture Market (e-NAM)** is a transformative initiative by the Government of India under the Ministry of Agriculture and Farmers Welfare. e-NAM serves as a **pan-India electronic trading portal** that integrates the existing Agricultural Produce Market Committees (APMCs) and mandis to create a unified national market for agricultural commodities. This initiative embodies the vision of "One Nation, One Market," aiming to empower farmers and streamline the agricultural marketing system.

Overview of e-NAM

e-NAM is implemented by the **Small Farmers Agribusiness Consortium (SFAC)** under the aegis of the Ministry of Agriculture and Farmers Welfare. It is designed to provide a common online platform for farmers, traders, and buyers to transact agricultural commodities with enhanced transparency, efficiency, and fairness.

The portal facilitates:

- Trading of produce through nearby e-NAM mandis.
- Online bidding for traders from any location.
- Access to single-window services for APMC-related information, such as:
    - Commodity arrivals.
    - Quality assaying via AI-based equipment.
    - E-bidding and e-payment settlements directly into farmers' accounts.

Objectives of e-NAM

The e-NAM initiative is driven by the following objectives:

1. **Market Integration:** Connect markets at the state and national levels through a unified online platform to enable pan-India trade.
2. **Uniform Procedures:** Standardize marketing and transaction protocols to ensure efficient market functioning.
3. **Enhanced Market Opportunities:** Provide farmers with access to more buyers, eliminate information asymmetry, and enable real-time price discovery.
4. **Quality Assurance:** Establish quality assaying systems to promote informed bidding by buyers.
5. **Stable Prices:** Ensure better price realization for farmers while offering stable prices and quality produce to consumers.

Benefits of e-NAM

1. **Transparent Online Trading:** Eliminates intermediaries and ensures fair transactions.
2. **Real-Time Price Discovery:** Facilitates price determination based on demand and supply.
3. **Better Price Realization for Farmers:** Direct access to buyers helps farmers secure better deals.
4. **Reduced Transaction Costs:** Simplified processes lower costs for buyers.
5. **Stable Prices for Consumers:** Encourages consistent pricing across markets.
6. **Quality Certification:** Enables informed purchasing through AI-based quality assessments.
7. **Efficient Supply Chain:** Enhances warehousing, logistics, and transaction reporting.
8. **Convenient E-Payments:** Provides direct payment settlements into farmers' accounts.
9. **Enhanced Market Accessibility:** Expands reach to more APMCs across the nation.

Eligibility for Participation

To avail of assistance under e-NAM, states and Union Territories must undertake specific reforms in their APMC Acts:

1. **Single Trading License:** Valid across the state for seamless trade.
2. **Single Point Levy of Market Fee:** Applicable only at the first point of transaction to avoid multiple levies.
3. **E-Trading and E-Auction Framework:** Facilitate digital price discovery mechanisms.

The Legal Perspective

From a legal perspective, the amendments required under the current statute to integrate with the e-NAM portal focus on three critical areas of reform in the respective state **Agriculture Produce Market Committee (APMC) Acts**. First, states and Union Territories (UTs) must legislate or issue executive orders to enable a single trading license valid across the state. This provision ensures that traders from anywhere in India can trade seamlessly across all markets in the state without domicile restrictions or undue barriers such as high security deposits, minimum transaction quantities, or establishment requirements.

Second, states/UTs must implement a single-point levy of market fees for agricultural produce, applicable only at the first transaction within the state. This reform eliminates repeated fees or cess charges in subsequent wholesale transactions, reducing financial and administrative burdens for traders.

Third, the framework must facilitate e-trading and e-auction mechanisms for price discovery. This involves creating a robust legal and infrastructural setup by state agricultural marketing departments, boards, or APMCs to enable seamless digital trading and support integration with e-NAM.

Additionally, states/UTs are required to trade 100% of selected agricultural commodities through e-trading or e-auctions in designated markets, establish or link Soil Testing Laboratories (STLs) to ensure quality, and meet funding requirements beyond the grants sanctioned by the Project Appraisal Committee (PAC). States/UTs must also take responsibility for future cost escalations and software maintenance after service agreements expire. For regions without marketing regulations or inactive laws, appropriate institutions must be identified, and enforceable guidelines must be framed to support e-NAM operations, including trader registration and transaction protocols.

Private markets seeking e-NAM access must also adhere to legal and infrastructural requirements, including provisioning for analysts, assaying facilities, and hardware at their own expense. These legal reforms and institutional alignments are essential for states/UTs to qualify for grants and integrate their mandis with e-NAM, fostering a unified, transparent, and efficient agricultural market.

Registration Process for Stakeholders

Farmers:

1. Visit the e-NAM portal: e-NAM Registration.
2. Select “Farmer” as the registration type and choose the desired APMC.
3. Complete the registration form, providing an email ID to receive login credentials.
4. Post approval by the APMC, receive permanent login credentials for full platform access.

Traders:

1. Register as a trader on the e-NAM portal.
2. Submit details such as a passport-size photograph, valid email ID, and APMC preferences.
3. Upon approval by the APMC, receive login credentials to access trading activities.

FPOs (Farmer Producer Organizations) and FPCs (Farmer Producer Companies):

Provide necessary organizational and banking details at the nearest e-NAM mandi or register online.

State Responsibilities for e-NAM Integration

States integrating mandis with e-NAM must:

1. Ensure 100% e-trading of selected commodities in participating markets.
2. Establish soil testing laboratories (STLs) or link mandis with nearby STLs.
3. Provide necessary infrastructure and bear maintenance costs post-integration.
4. Facilitate trader registrations and legal provisions for smooth e-trading operations.

Way Forward

Traders benefit significantly from e-NAM reforms, as they simplify the trading process and reduce costs. With a single trading license valid across the state, traders no longer need multiple licenses for different mandis, making it easier and more economical to operate. The single point levy of market fees ensures traders are charged only once at the first transaction, eliminating repeated fees and reducing overall trading costs. E-trading and e-auction frameworks allow traders to participate in transparent, online auctions without the need for physical visits to mandis. This enables real-time price discovery, broader market access, and faster transactions. Quality certification ensures traders receive standardized commodities, reducing risks and ensuring better buyer satisfaction. Additionally, streamlined payment systems facilitate quick and secure settlements, while the reduced influence of intermediaries enhances direct farmer-to-trader interactions. These reforms collectively create a more transparent, efficient, and trader-friendly environment, helping traders expand their operations and improve profitability.

The e-NAM platform is a landmark initiative for enhancing transparency and efficiency in agricultural marketing. It empowers farmers with better price realization, reduces costs for traders, and ensures consumers have access to quality produce at stable prices. By bridging the gap between farmers and markets, e-NAM is set to revolutionize agricultural marketing in India, contributing significantly to the vision of doubling farmers' income and fostering sustainable agricultural growth.

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