

RESEARCH, DEVELOPMENT & EXTENSION DEPARTMENT

(Visayas)

RESEARCH & LABORATORY Division (LGAREC)

- Laboratory Services Section
- LGAREC

EXTENSION & TECHNICAL SERVICES Division

- Extension Services Section
- Technical Development & Training Section
- Technical Services Section

Functional Statement: RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT
(Visayas)

RESEARCH & LABORATORY DIVISION—LA GRANJA RESEARCH CENTER

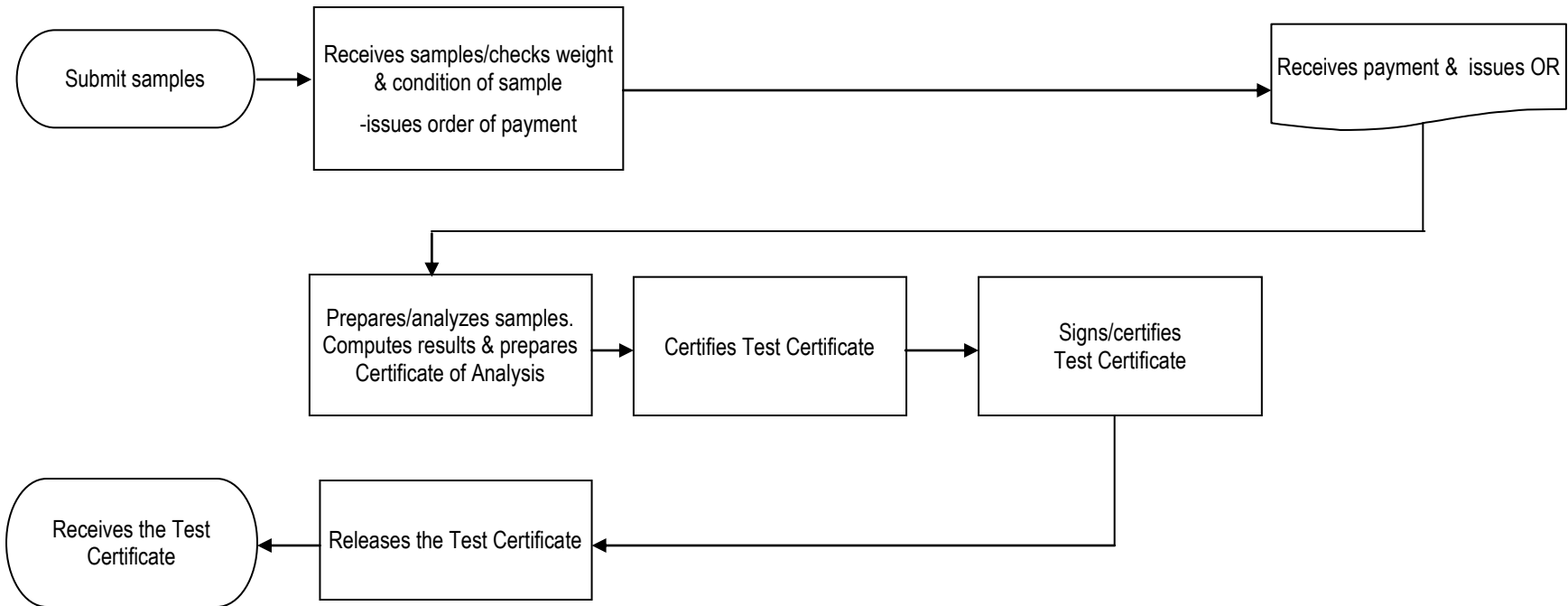
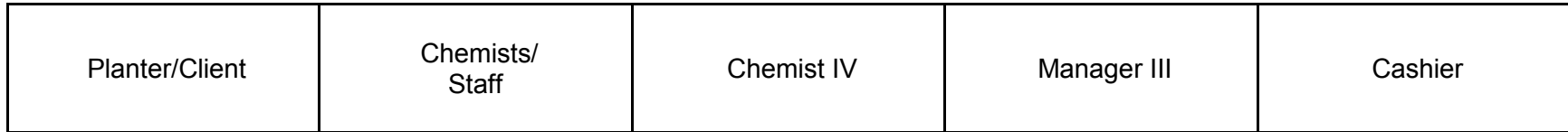
- ▶ Undertakes research and development on sugarcane farming, sugar processing and sugar co-products.
- ▶ Generates, verifies and recommends new technologies that will increase the yield and profitability of sugarcane farms and sugar millers in Visayas region.
- ▶ Provides soils, cane juices and fertilizer laboratory/testing services. Develops and recommends new high yielding sugarcane varieties for commercial planting through hybridization, selection and variety testing.
- ▶ Provides technical services such as lime and fertilizer recommendations, soil fertility mapping, survey of potential sugarcane growing areas, pests and diseases assessment.
- ▶ Acquires, maintains and characterizes germplasm collection of foreign and local parental varieties for hybridization.

EXTENSION AND TECHNICAL SERVICES DIVISION

- ▶ Disseminates recommended technologies and information on cane and sugar production, new high yielding varieties of sugarcane, sugarcane-based farming systems and co-products of sugarcane.
- ▶ Conducts farmers trainings/seminars in the different milling districts in Visayas region. All functions are coordinated with the programs/projects of the respective Mill District Development Council (MDDC) and their respective Research and Extension Centers.
- ▶ Conducts technical assessment and provides technical assistance, analytical, and extension services to the mills and refineries in areas of machineries, energy, process, capacity and environment.
- ▶ Provides technical/engineering support as maybe required by any SRA unit and/or industry constituents in Visayas.

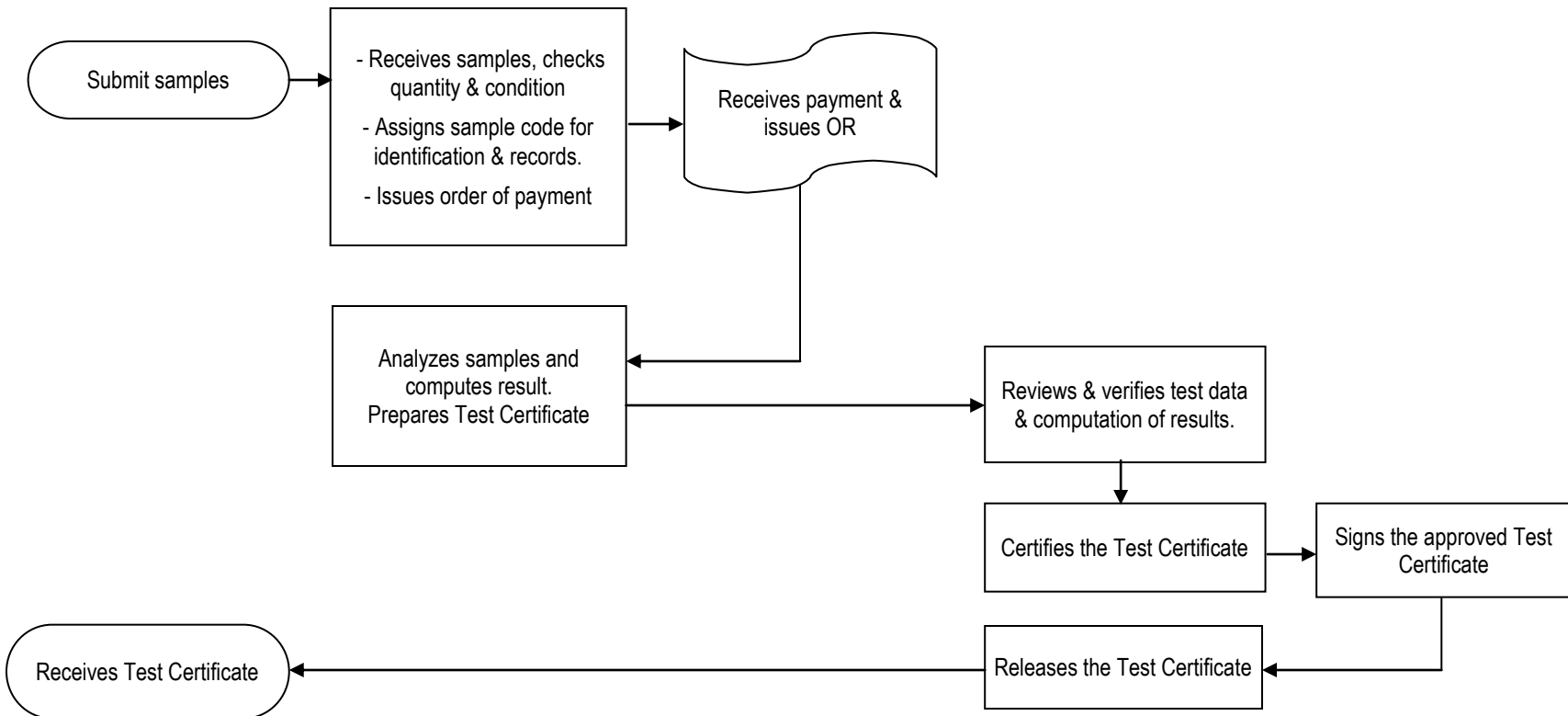
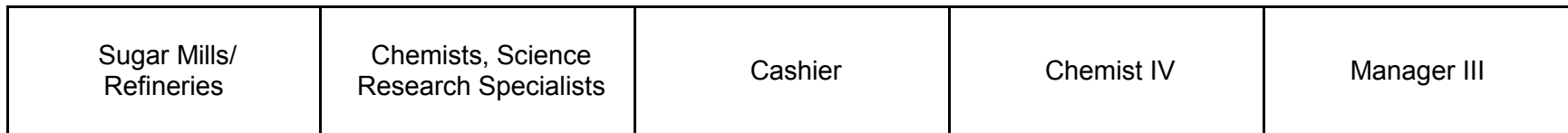
**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Research & Laboratory Division—Laboratory Services Section**

Analysis of Soil, Fertilizer & other Agro-Based Materials



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Research & Laboratory Division—Laboratory Services Section**

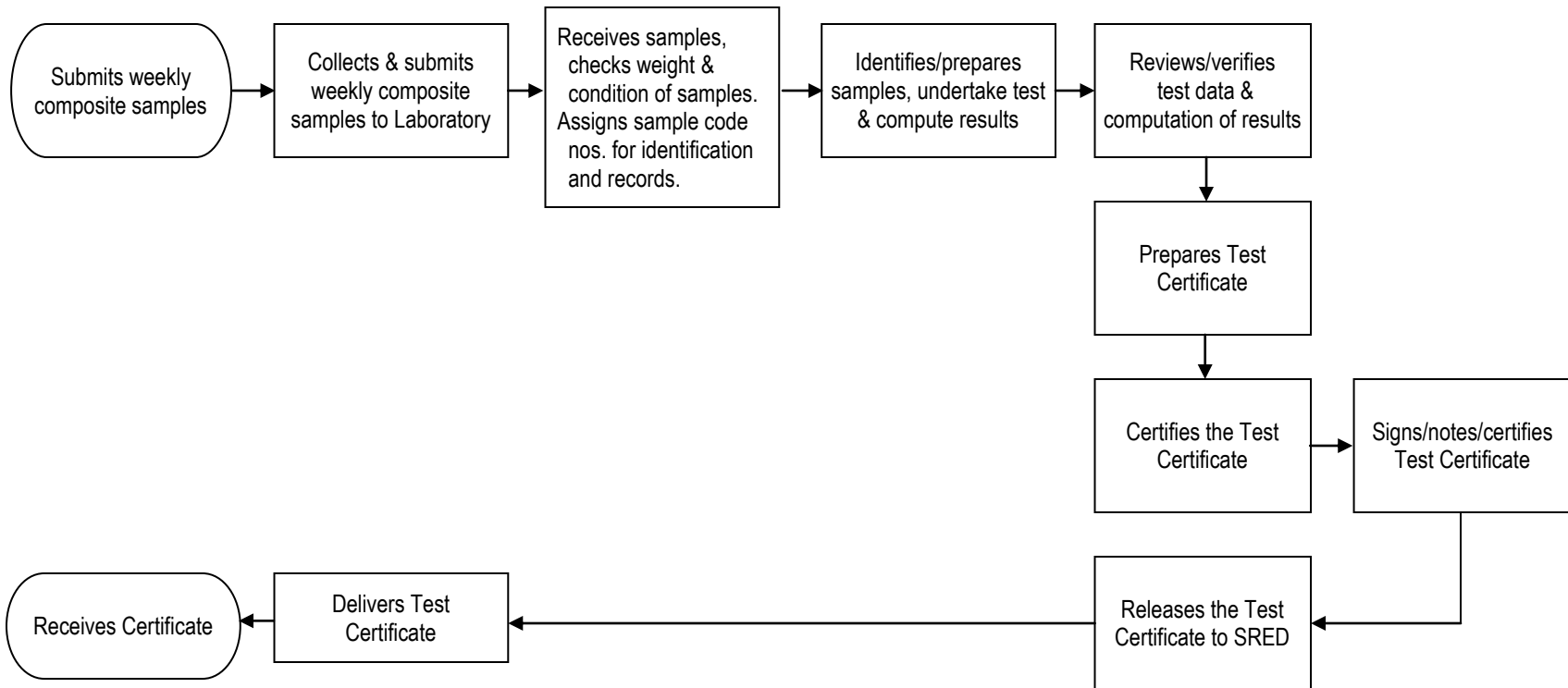
Analysis of Wastewater & Other Environmental Samples



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Research & Laboratory Division—Laboratory Services Section**

Analysis of Raw Sugar from Sugar Mills

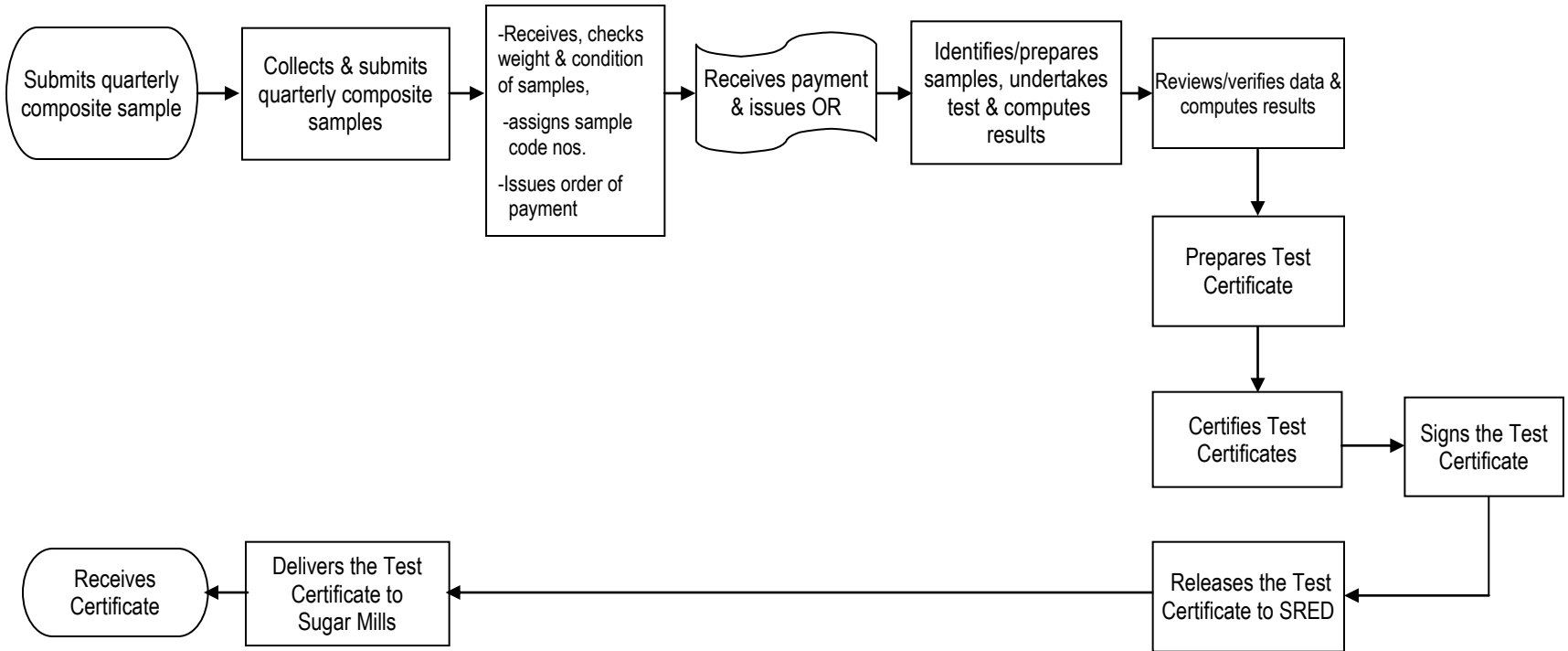
Sugar Mills	SRED Mill Representative	Lab Tech II	All Chemists/ Science Aides	Chemist IV	Manager III
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Research & Laboratory Division—Laboratory Services Section**

Analysis of Molasses from Sugar Mills

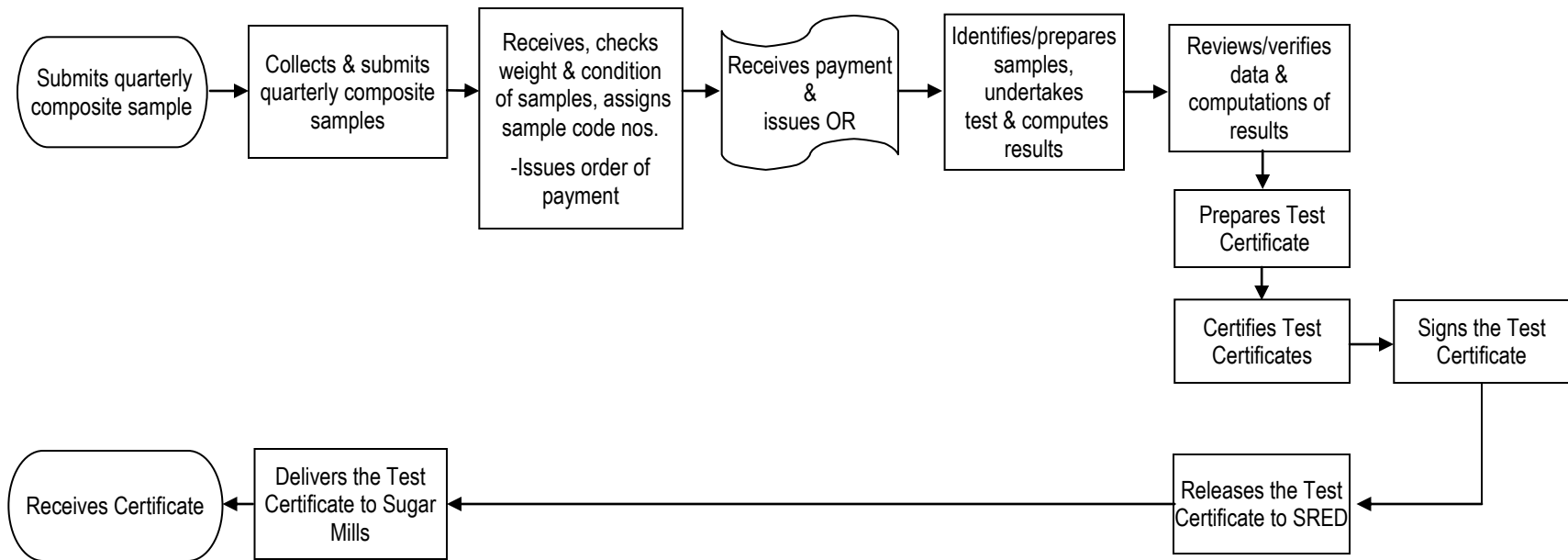
Sugar Mills	SRED Mill Representative	Lab Tech II	Treasury Division	All Chemists, Science Aides	Chemist IV	Manager III
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Research & Laboratory Division—Laboratory Services Section**

Analysis of Raw Sugar, Molasses, Cane Juice & other Sugar Based Product from Planters, Traders, and other Laboratory Users

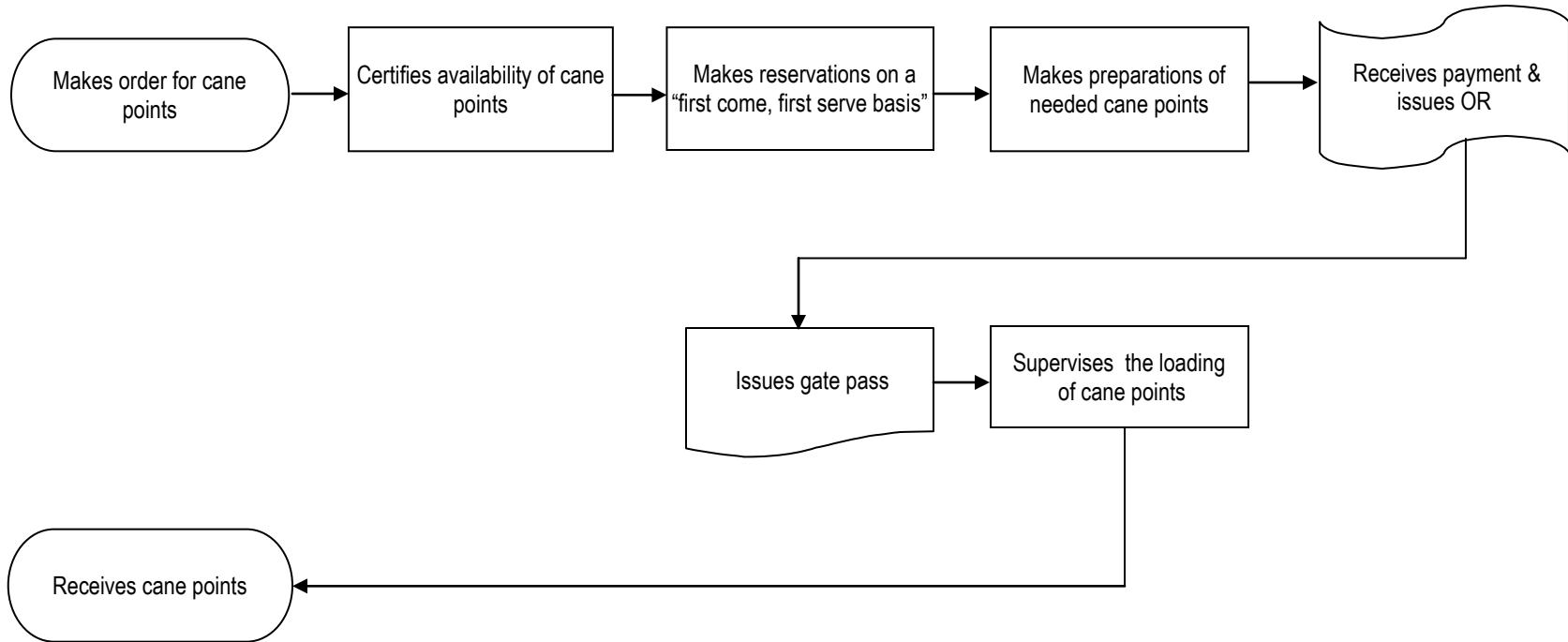
Sugar Mills	SRED Mill Representative	Lab Tech II	Treasury Division	All Chemists, Science Aides	Chemist IV	Manager III
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

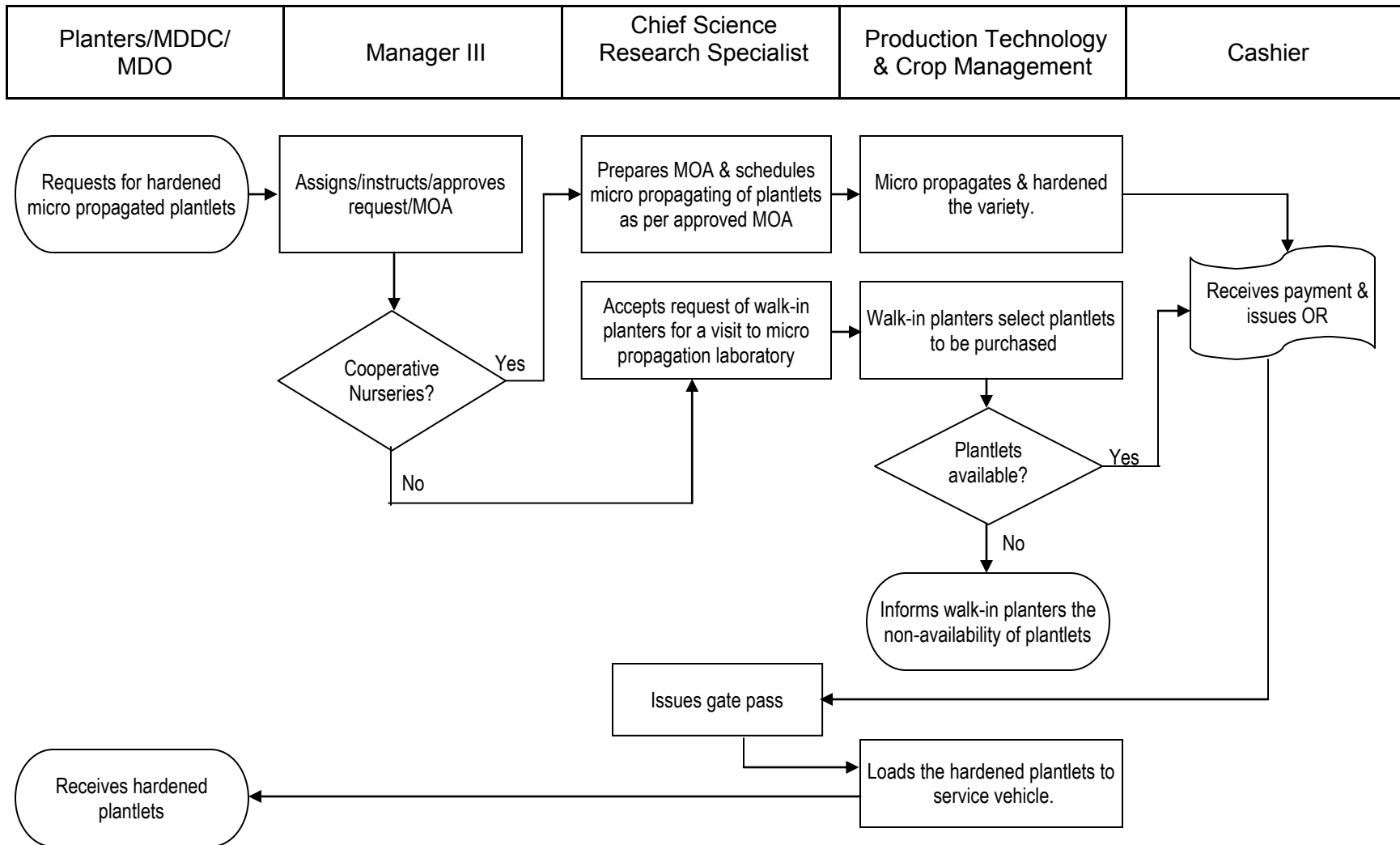
Sale of High Yielding Varieties (HYV's) of Sugarcane (Cane points)

Planter/MDDC/MDO	Manager III	Research & Laboratory Division	Labor Foreman	Cashier
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

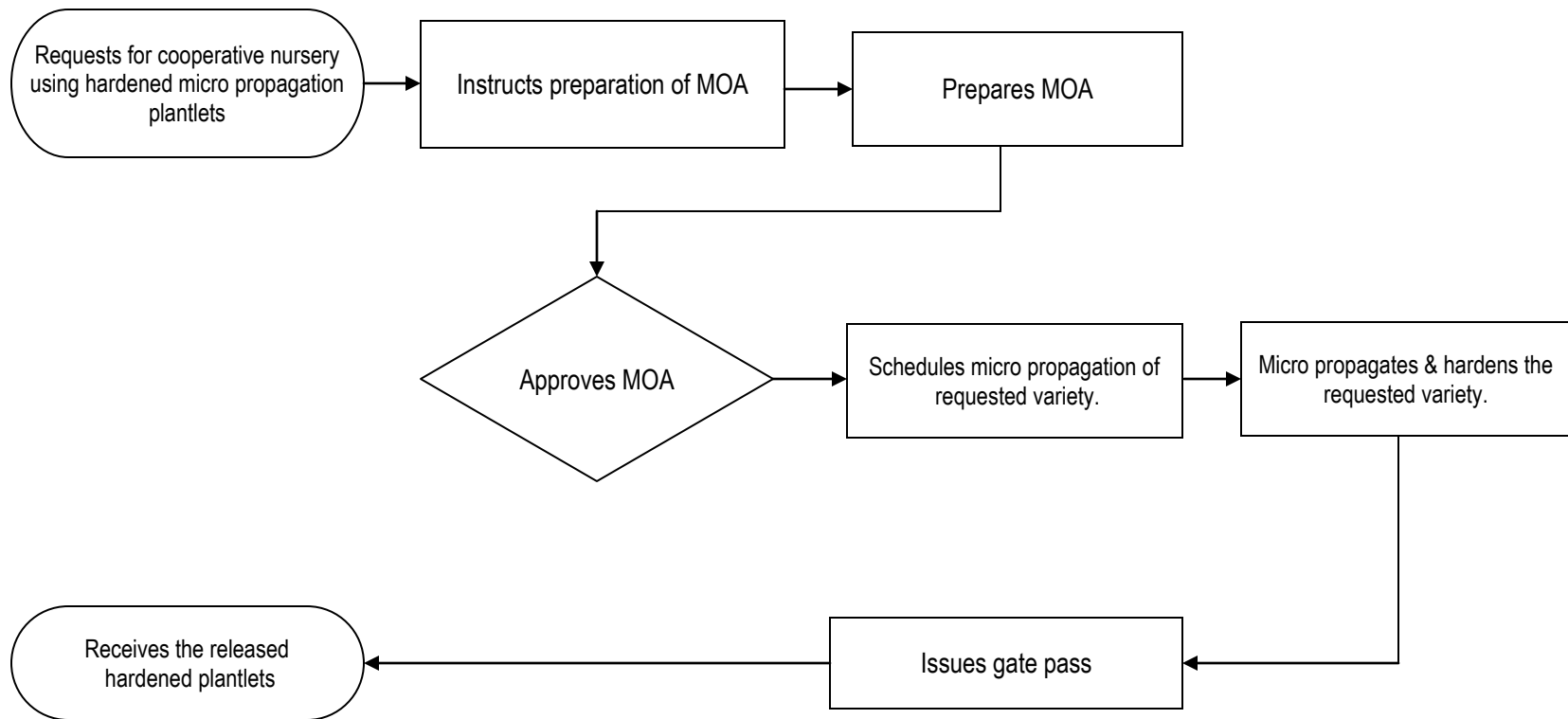
Sale of High Yielding Varieties (HYV's) of Sugarcane (LGAREC only) (Micro Propagated Plantlets)



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

Sale of High Yielding Varieties (HYV's) of Sugarcane (Hardened Plantlets for Cooperative Nurseries)

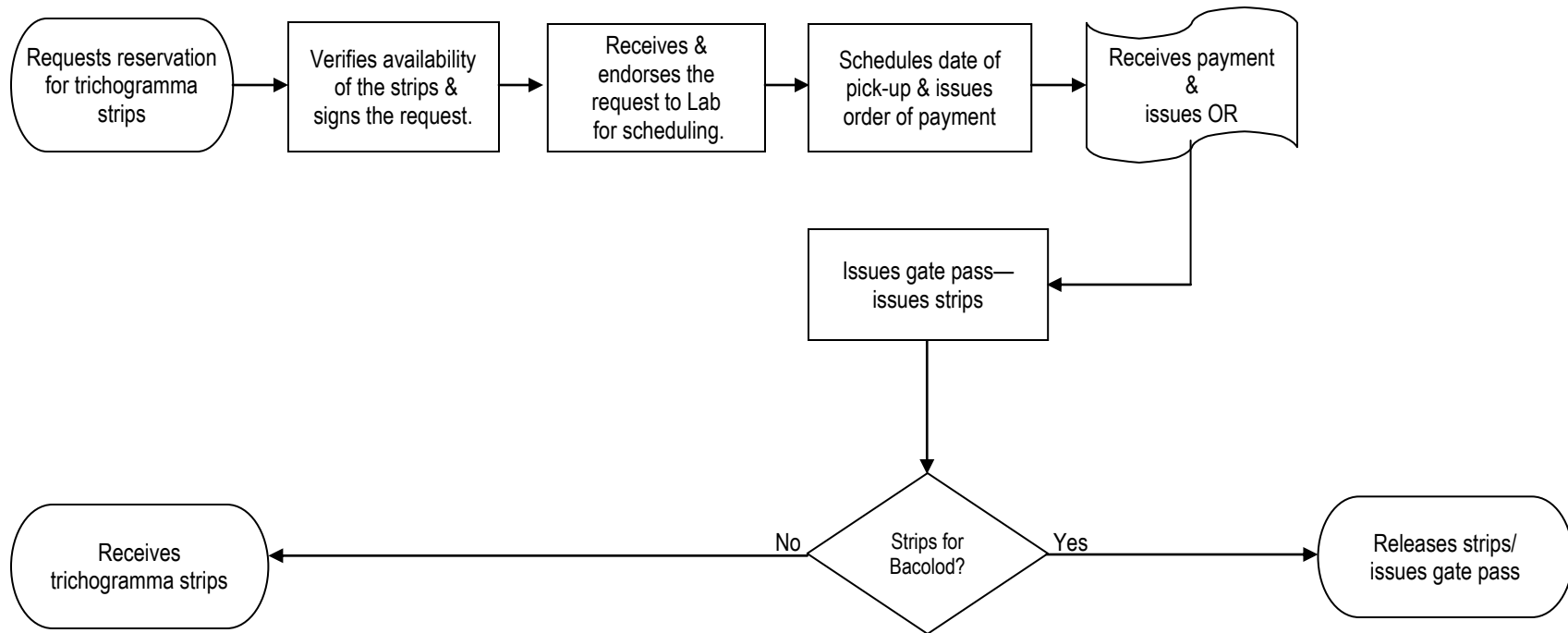
Planter/MDDC/ MDO	Manager III	Chief Science Research Specialist	Production Technology & Crop Management
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

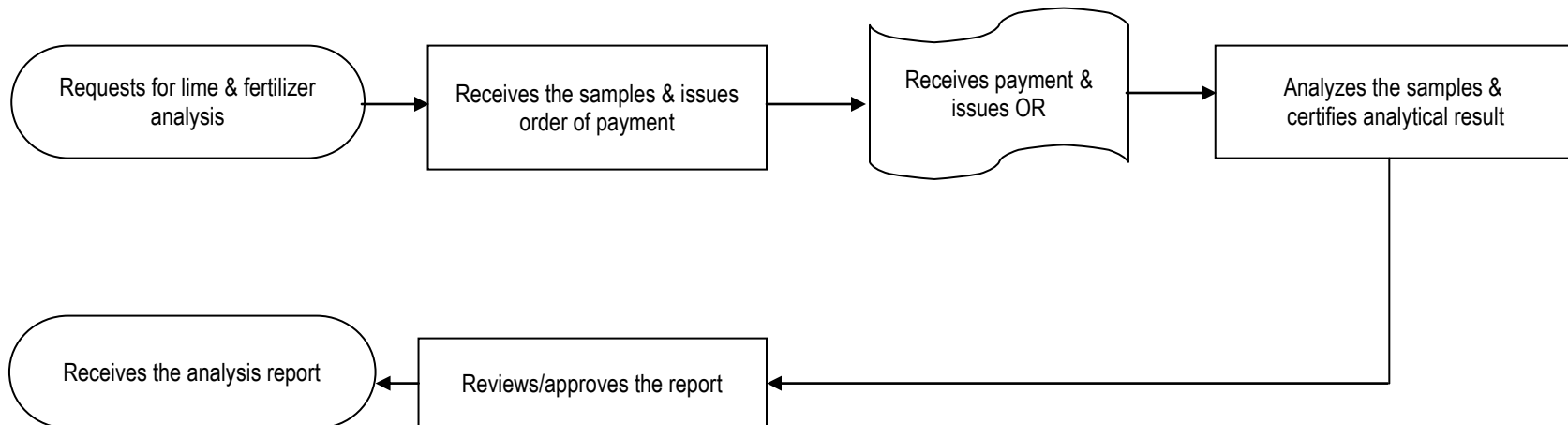
Requested *Trichogramma* Strips (LGAREC only)

Planter/MDDC/ MDO	Manager III	Chief Science Research Specialist	Trichogramma Laboratory	Cashier	SRA-Bacolod
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**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

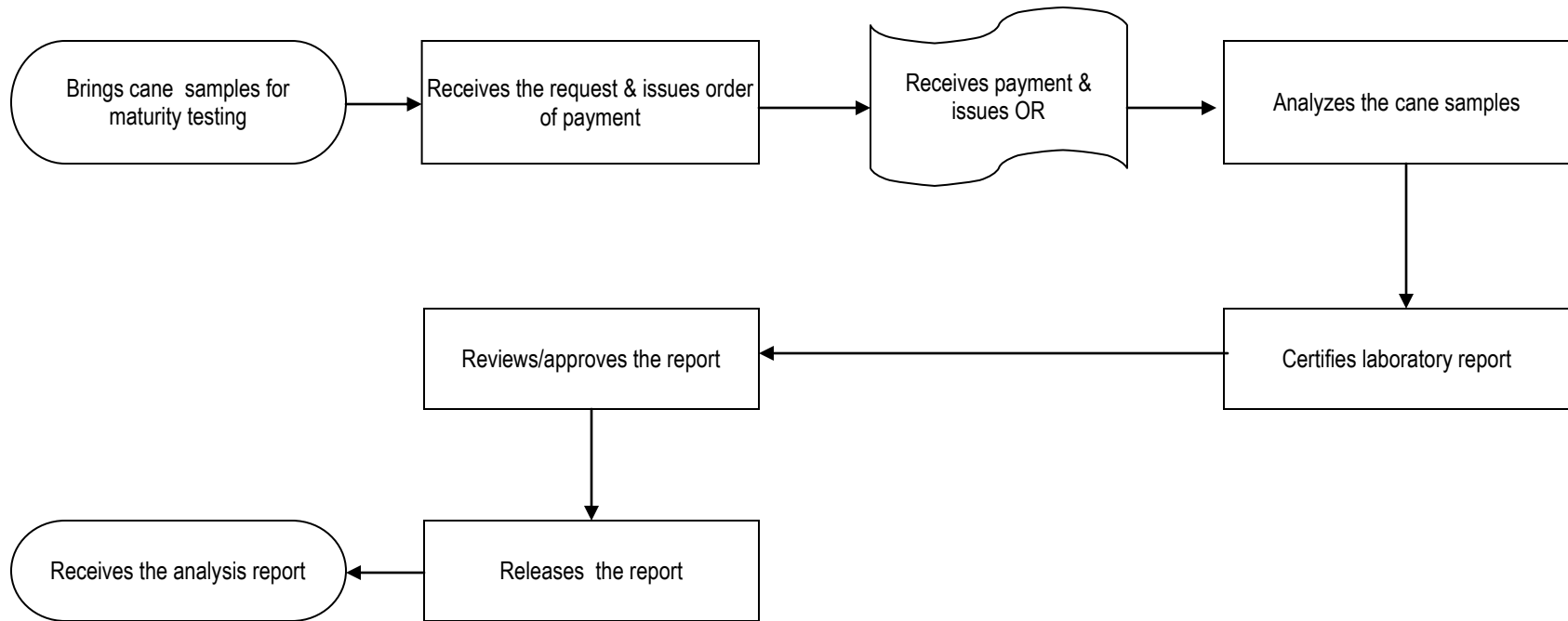
Plant Tissue, Lime & Fertilizer Analysis (LGAREC/Bacolod)



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Research & Laboratory Division—LGAREC**

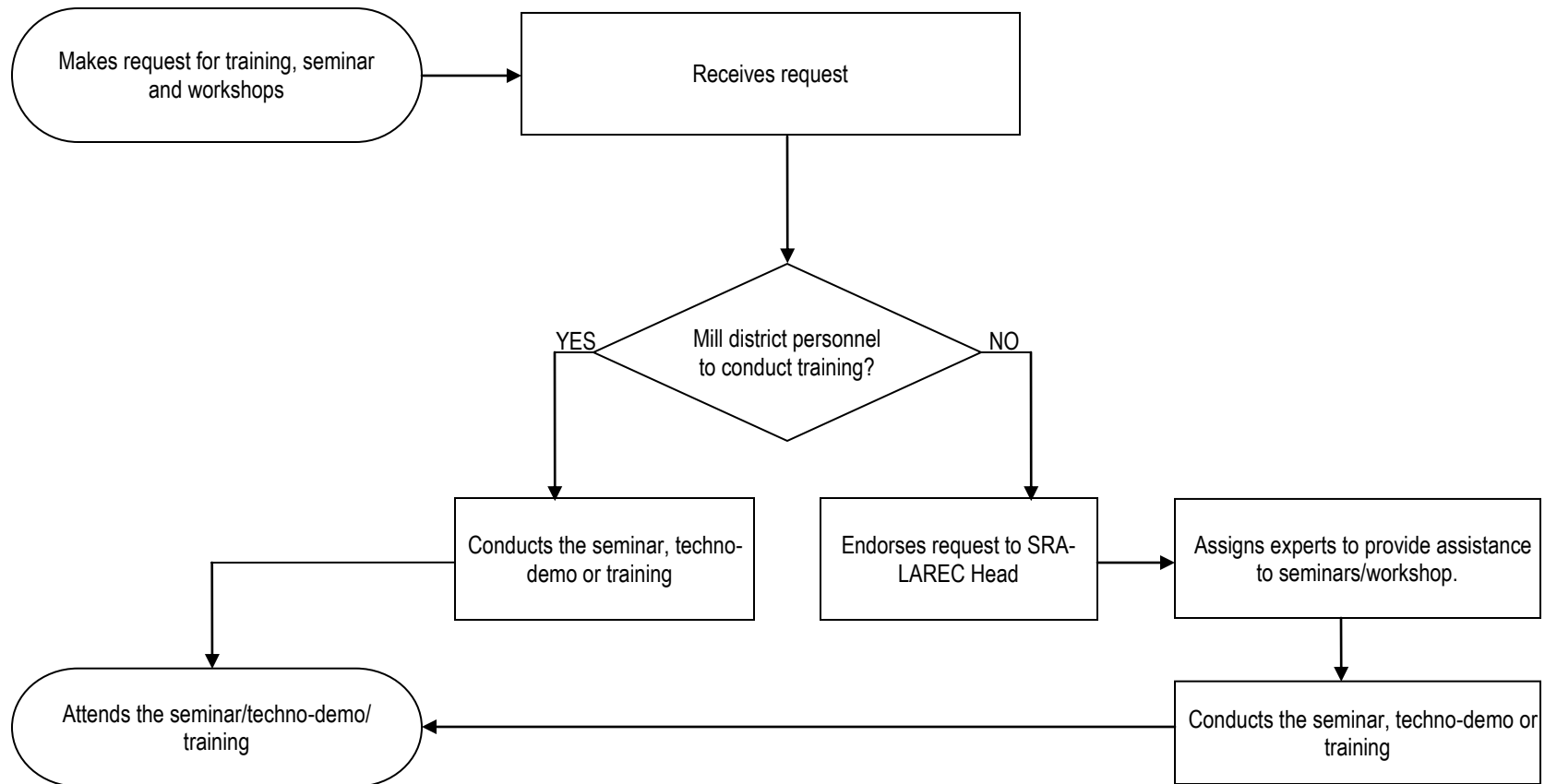
Juice/Cane Maturity Testing (LAREC & LGAREC)

Planter/MDDC/ MDO	Chief Science Research Specialist	Cashier LGAREC/Bacolod	Laboratory Services
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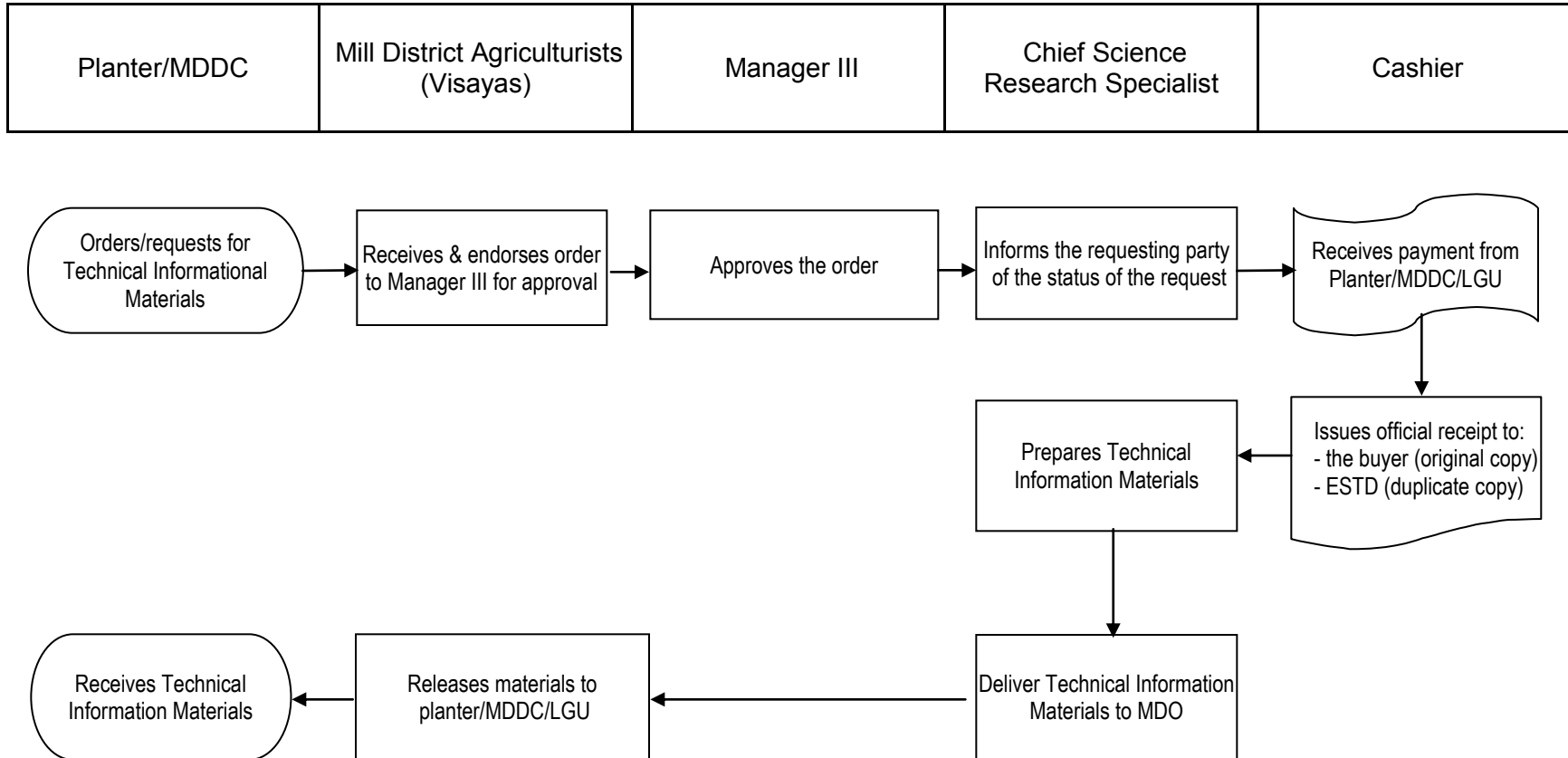
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Extension & Technical Services Division—Extension Services Section**

Farmers Training, Seminars and Workshop



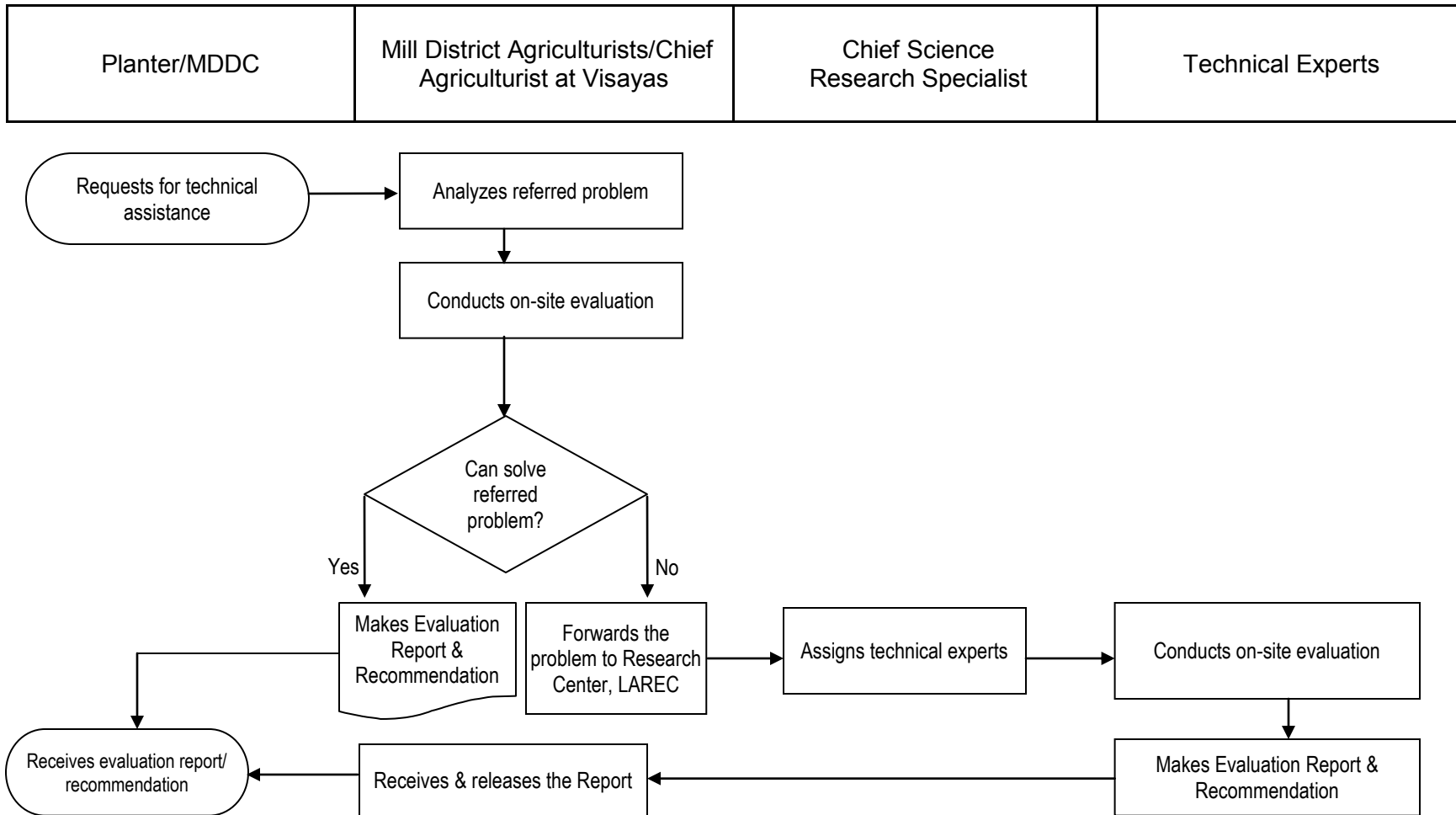
**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Extension & Technical Services Division—Extension Services Section**

Technical Information Materials



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT— Visayas
Extension & Technical Services Division—Extension Services Section**

Technical Assistance



**RESEARCH DEVELOPMENT & EXTENSION DEPARTMENT—Visayas
Extension & Technical Services Division—Technical Services Section**

Special Action Group for the Environment (SAGE)

Sugar Mill/ Client	Administrative Office	Manager III	Chief Agriculturist	Staff
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