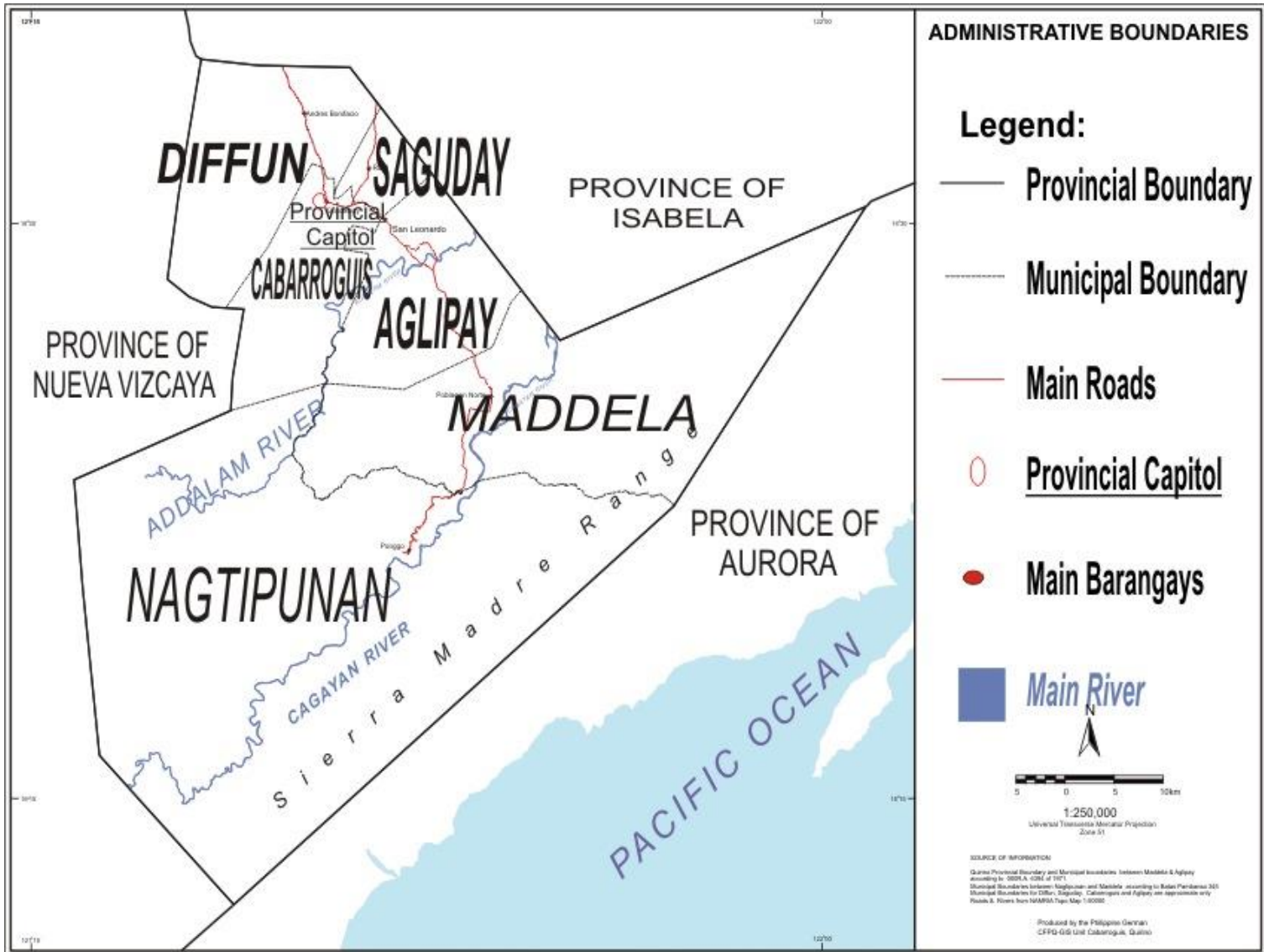


International Tropical Fruit Symposium
Grand Regal Hotel. Davao City
August 29-Sept 3, 2016

BBTV INCIDENCE IN QUIRINO PROVINCE

**Dr. Fredisminda M. Dolojan
Quirino State University**







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INTRODUCTION

Banana is one of the major crops in the Philippines

In region 2, a production increased significantly from 12,755 ha in 1995 to 26,288 ha in 2000(15.74%)

The highest to be recorded in the country which also exceeded the national rate of 1.52%

The preliminary rate of production for the period from 1995 was only 30,743 MT to 399,431 MT in 2000



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INTRODUCTION

In Quirino, 5,000 ha was planted to banana where at least 4,000 serve as the workforce

Banana production hit the highest point during the late 1990s

but the industry had its downfall after the BBTV

spread and affected large areas of banana plantations in the province mid of 1990 and in early 2000



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INTRODUCTION

5,000 hectares used for banana production were almost wiped out by BBTV.

The average income per hectare per year in 1996 decreased from PhP36,107.00 to PhP17,619.00

The income further dropped to PhP2,433.00 in 2002

extreme weather events like typhoon and El Nino phenomena has aggravated the situation.



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INTRODUCTION

typhoons that hit the province resulted in extensive damage not just in the banana industry

While there were initiatives to revitalize the banana industry by some private individuals

continuous bunchy top diseases and absence of sources of clean planting materials

It is in this context that this project was conceptualized and formulated to address the issues and problems .



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Objectives

- General: Assess the incidence of BBTv infection in Banana Farms in Quirino

Specific

- To survey farms planted to with banana plants in the province

- To determine the variety mostly planted in the area

Specific

- To determine the rate of BBTv infection



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- **METHODOLOGY**

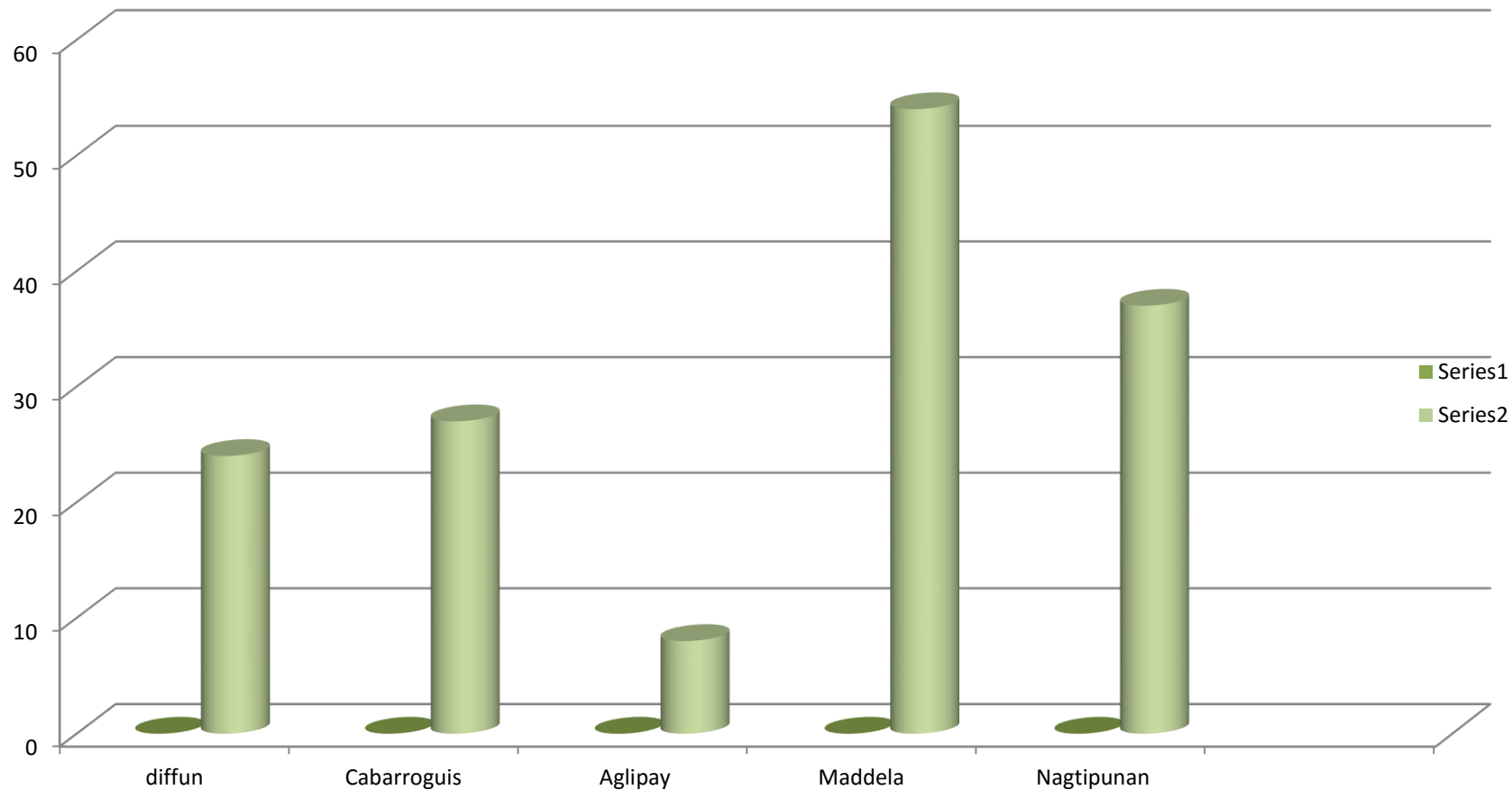
IDENTIFICATION
OF SURVEY
AREA

ASSESSMENT
OF BBTV
INFECTION

MAP THE
INFECTION
THROUGH
GIS

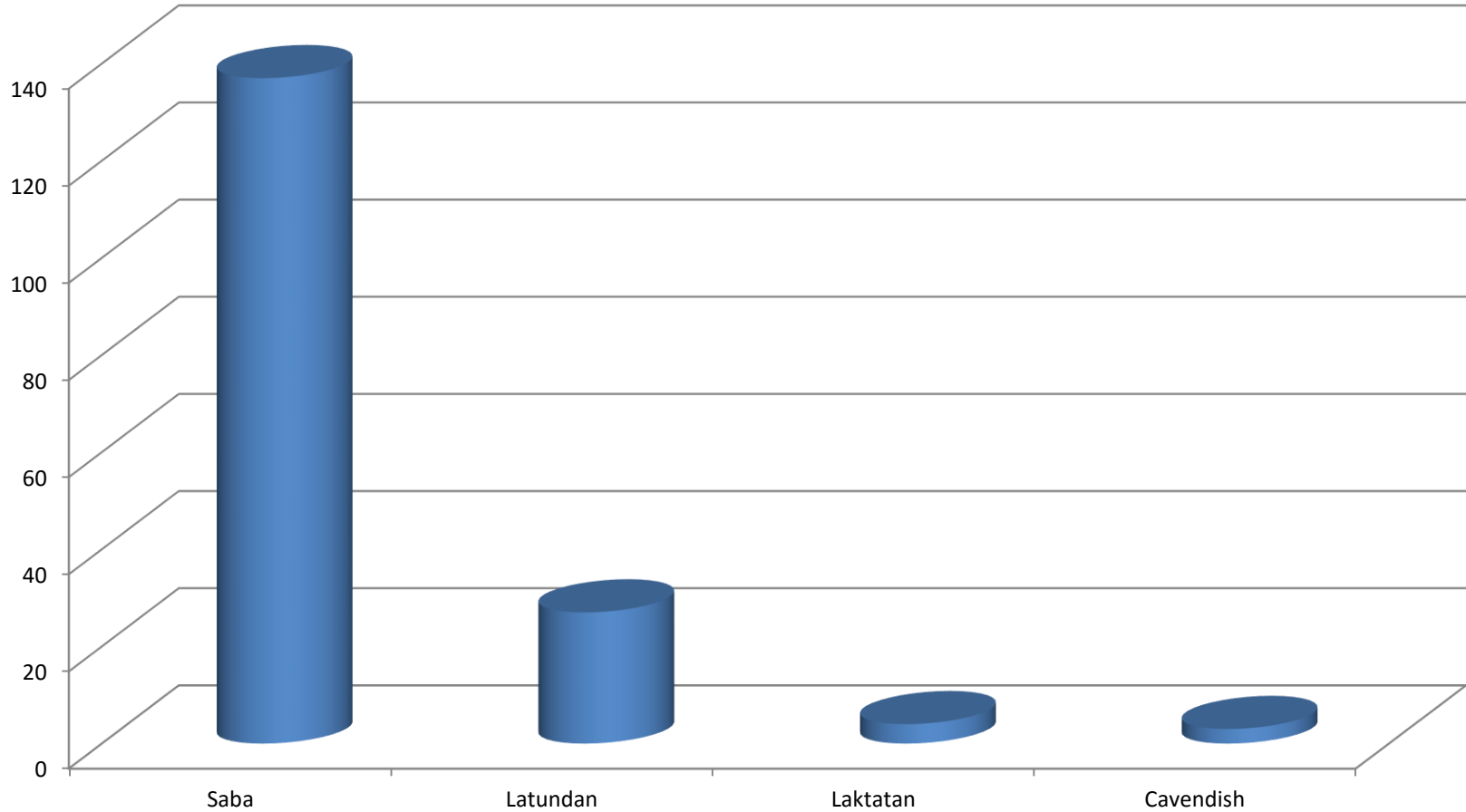


Area Devoted to banana in Quirino Province



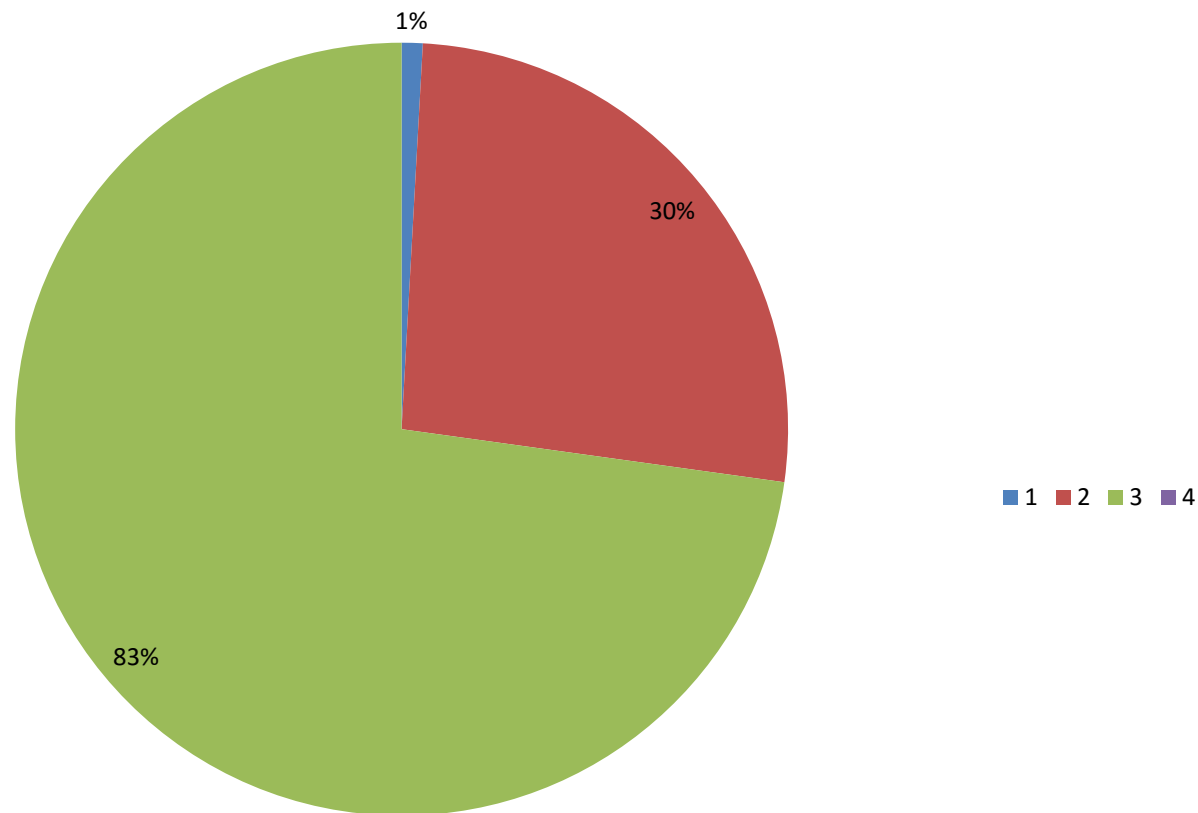


Varieties of banana planted in Quirino province



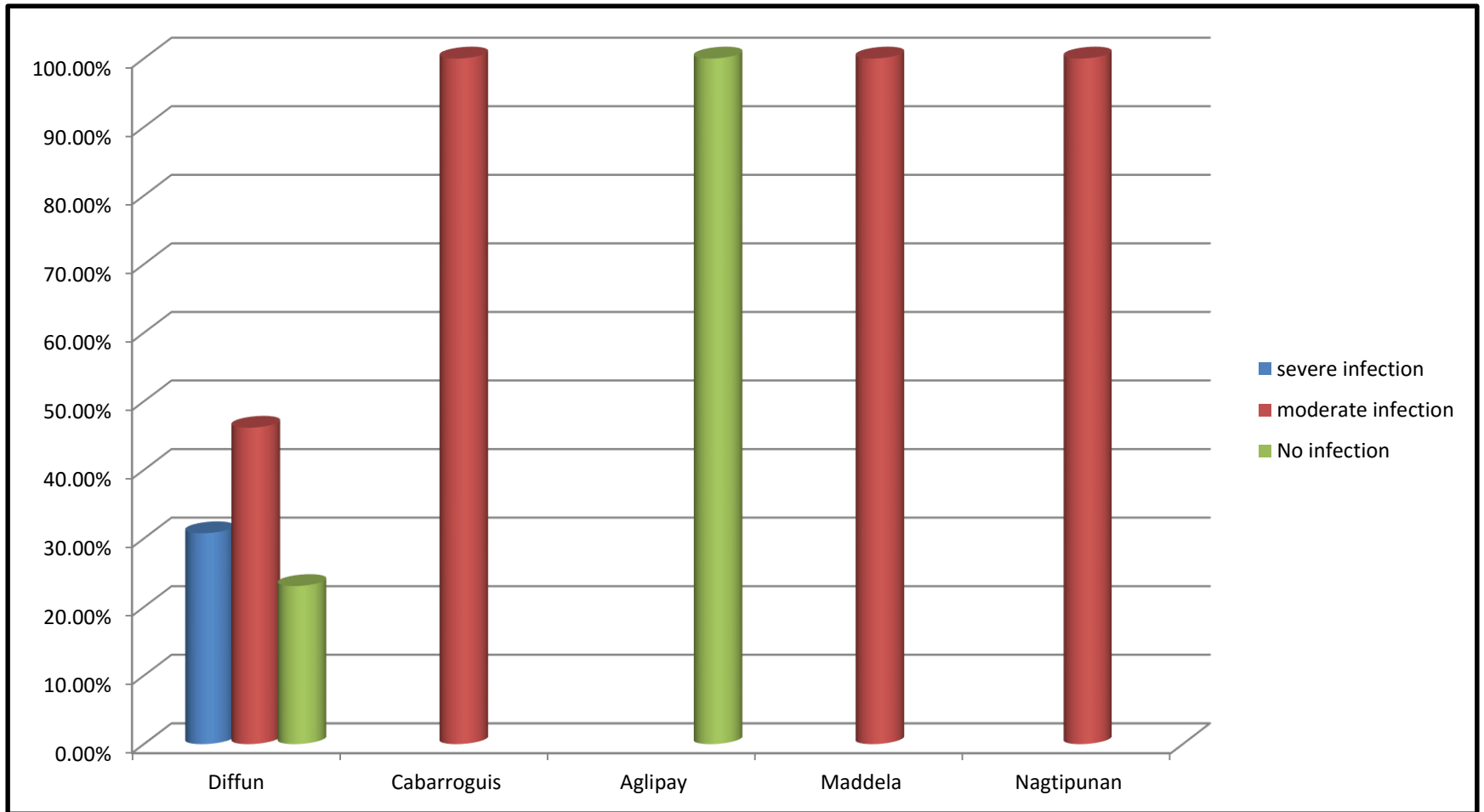


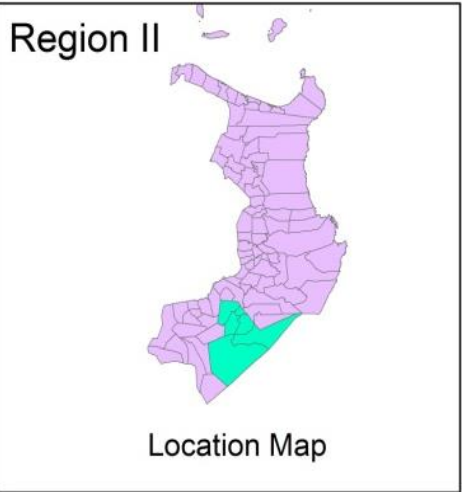
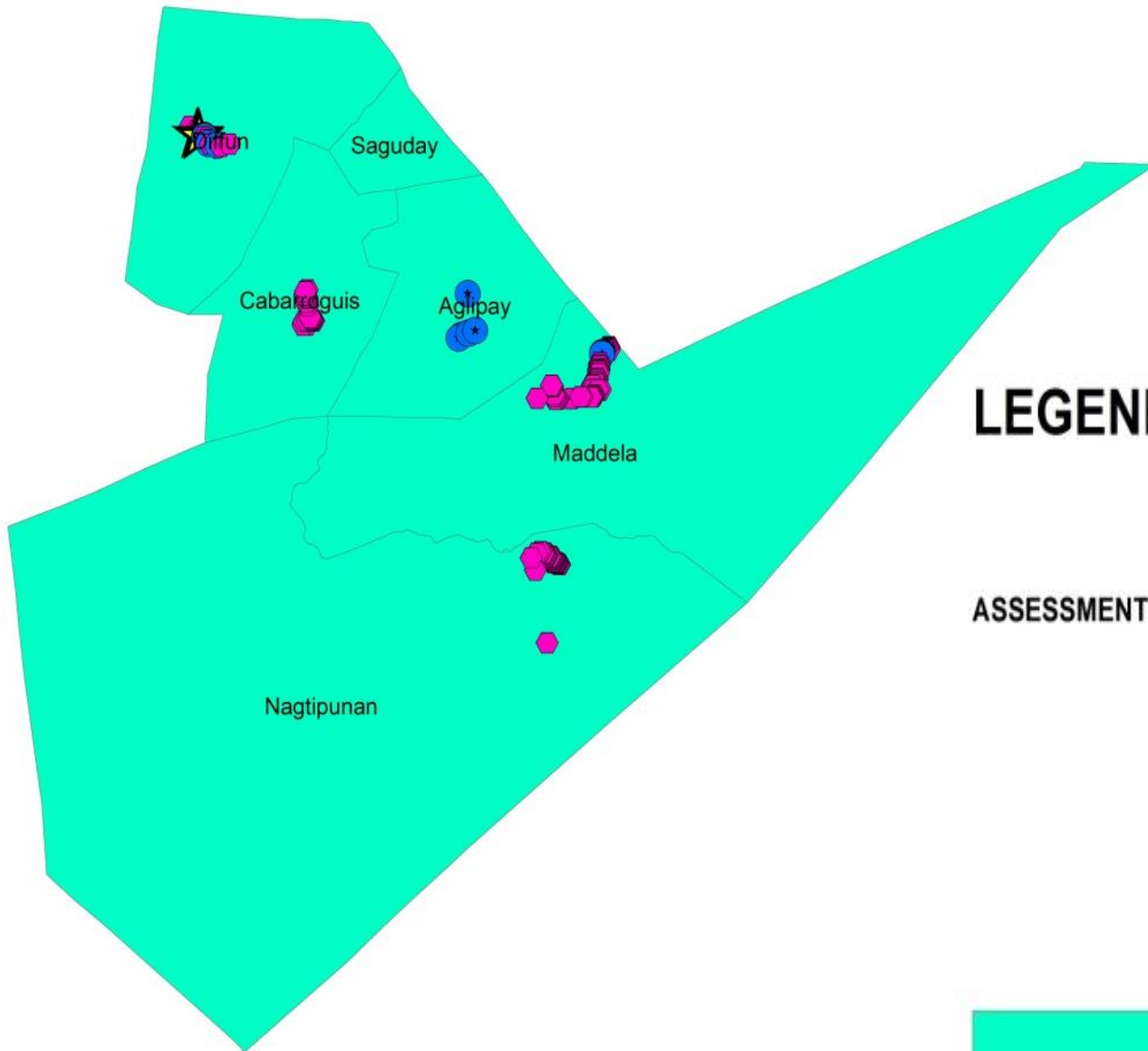
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LEGEND

- <all other values>
- ASSESSMENT**
- Red hexagon: moderate
- Blue circle with star: no infection
- Yellow star: severe
- Light blue rectangle: MuniCities



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CONCLUSION

- Vast areas of banana are still found in the municipality of Maddela, followed by Nagtipunan, Diffun, and Aglipay respectively
- BBTV disease on banana plantations in Quirino is still prevalent with reduced rate of infection



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RECOMMENDATION

- Widen the area of survey coverage
- Assessment on the implementation of S & T program on banana including the utilization of the POT on banana to control and reduce the incidence of BBTV should be done
- Strict implementation of the resolution on BBTV eradication program

Thank You!