

121.738642

121.784829

121.831016

121.877203

121.923390

17.027680

16.987200

16.946720

16.906240

16.865760

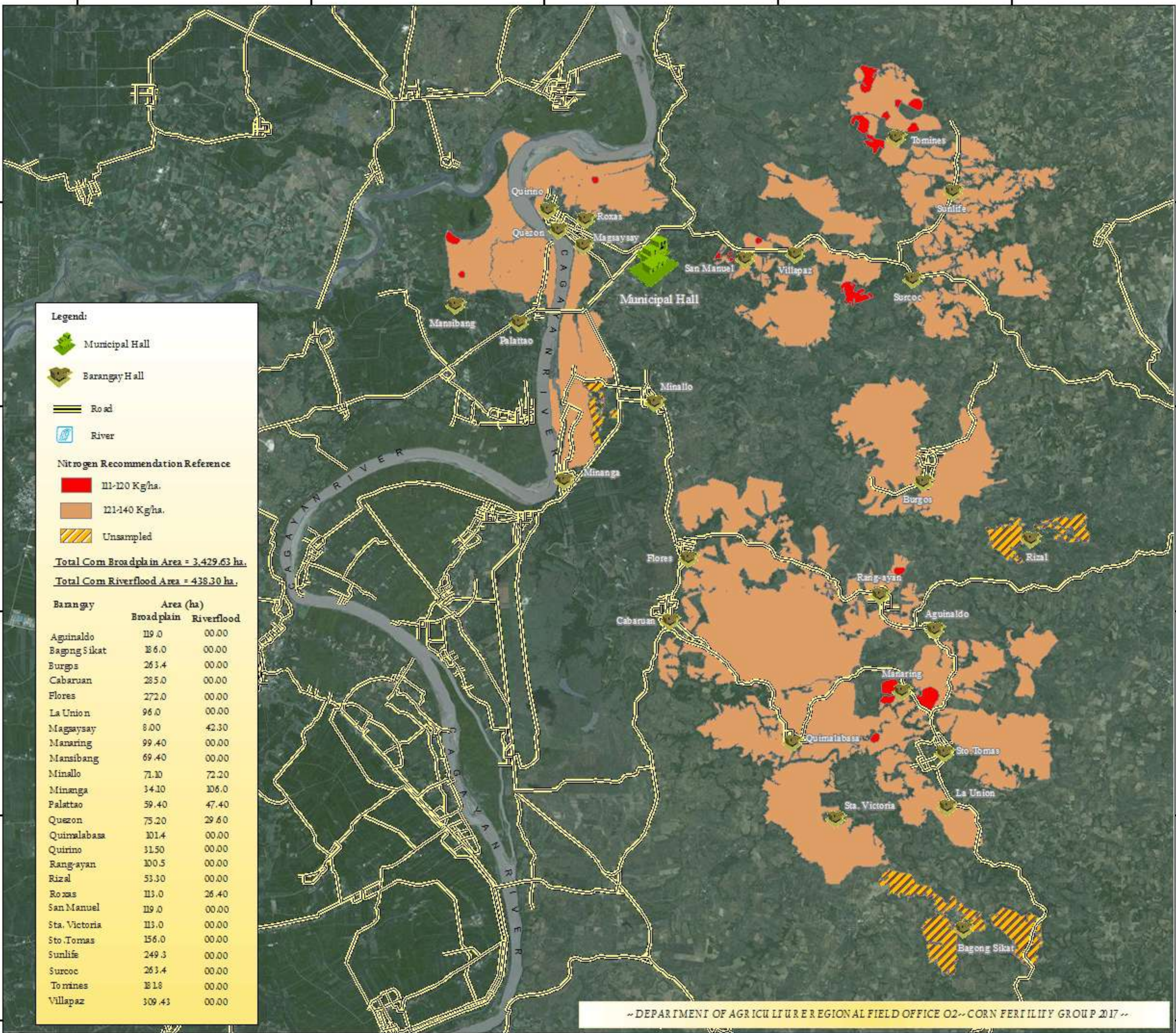
17.027680

16.987200

16.946720

16.906240

16.865760



**Legend:**

- Municipal Hall
- Barangay Hall
- Road
- River

**Nitrogen Recommendation Reference**

- 111-120 Kg/ha.
- 121-140 Kg/ha.
- Unsampled

**Total Corn Broadplain Area = 3,429.63 ha.**  
**Total Corn Riverflood Area = 438.30 ha.**

Barangay	Area (ha)	
	Broadplain	Riverflood
Aguinaldo	119.0	00.00
Bagong Sikat	186.0	00.00
Burgos	263.4	00.00
Cabaruan	285.0	00.00
Flores	272.0	00.00
La Union	96.0	00.00
Magsaysay	8.00	42.30
Manaring	99.40	00.00
Mansibang	69.40	00.00
Minallo	71.30	72.20
Minanga	14.10	106.0
Palattao	59.40	47.40
Quizon	75.20	29.60
Quimalabasa	101.4	00.00
Quirino	31.50	00.00
Rang-ayan	100.5	00.00
Rizal	53.30	00.00
Roxas	113.0	26.40
San Manuel	119.0	00.00
Sta. Victoria	113.0	00.00
Sto. Tomas	156.0	00.00
Sunlife	249.3	00.00
Surcoc	263.4	00.00
Tomines	181.8	00.00
Villapaz	309.43	00.00

1:80,000

0 0.5 1 2 3 4 Kilometers



# CORN NITROGEN MAP

## Municipality of NAGUILIAN

### Province of Isabela, Philippines

**Prepared by:**

Eric G. Mata	Joana Rose R. Roque
Jouie D. Sumigad	Chinkee A. Agustin
Isagani S. Cabalsi	Sally Jane B. Duruin
Crescen Karl M. Espejo	Geze James V. Binuyat
Eleazar Gabriel A. Castillo	Alister Earl M. Meman
Kenneth Godfrey M. De Leon	Aarone M. Furugganan

**Reviewed by:**

**ANGELITA B. CALUBAQUIB**  
Science Research Specialist II

**Noted by:**

**RESTITUTO E. SAMATRA**  
Chief, RAED

**NENITA M. YABIS**  
Asst. Regional Com Coordinator

**ROSE MARY G. AQUINO**  
OIC - Regional Technical Director

**LORENZO M. CARAGUIAN, DPA**  
Regional Executive Director

Scale: 1:80,000  
 Map Series: Bagong Sikat 1001 2017  
 \* 2017 00000000  
 \* 2017 00000000  
 \* 2017 00000000

This study was prepared under the collaborative understanding of the Department of Agriculture Regional Office 02, the Regional Agricultural Engineering Group and the Local Government Unit, 2017.

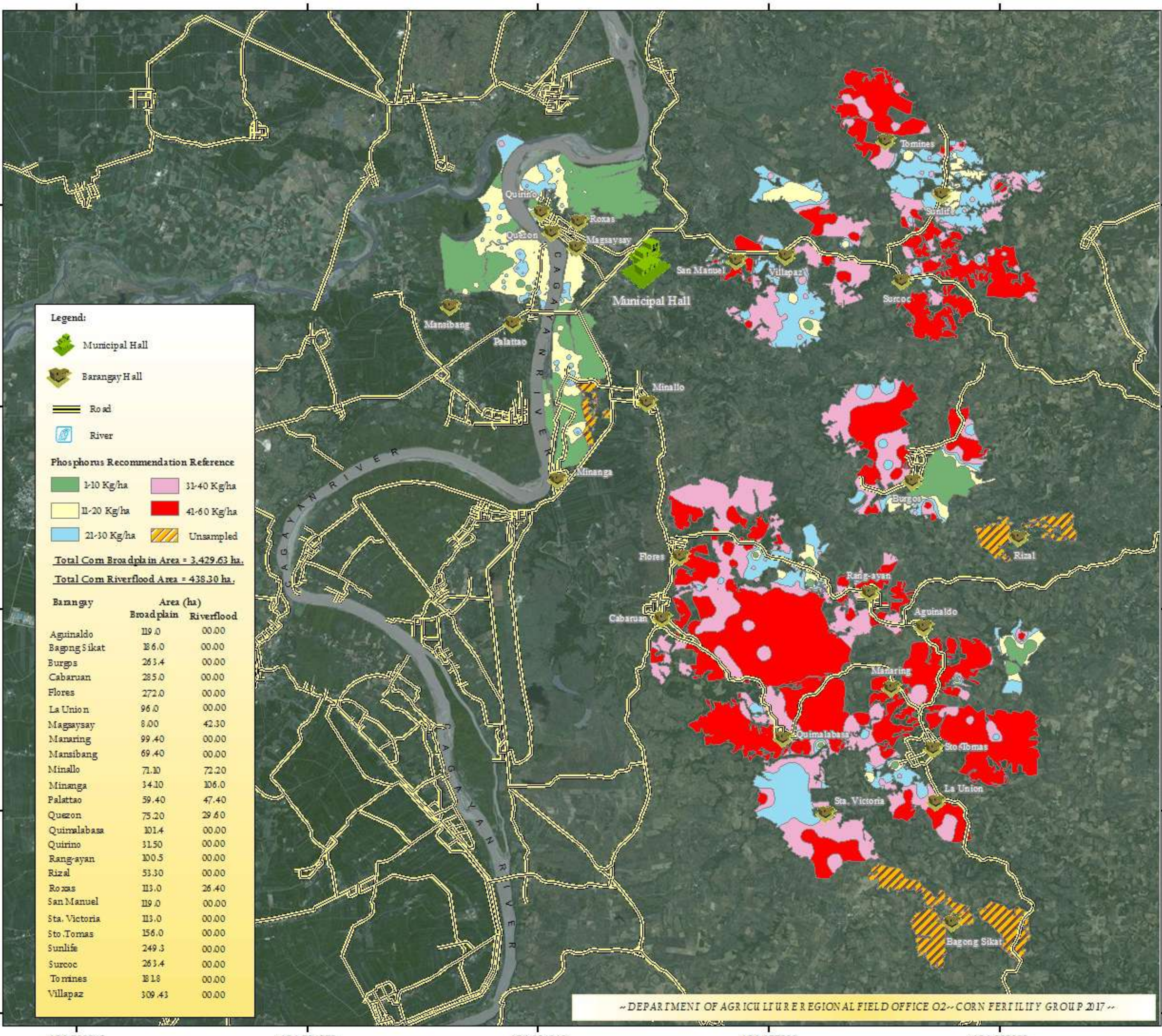
Responsible for the content of this study is the Regional Agricultural Engineering Group, Department of Agriculture Regional Office 02. It does not imply responsibility for any errors or omissions of the map users are requested to inform the RAED at 2017 00000000, 2017 San Gabriel, Tuguegarao City, Cagayan.

Published in cooperation with the RAED at 2017 00000000.

Developed by: Department of Agriculture, RFO 02  
 Regional Agricultural Engineering Group  
 Cagayan City, Cagayan

\* Copyright Reserved





**Legend:**

- Municipal Hall
- Barangay Hall
- Road
- River

**Phosphorus Recommendation Reference**

1-10 Kg/ha	31-40 Kg/ha
11-20 Kg/ha	41-60 Kg/ha
21-30 Kg/ha	Unsampled

**Total Corn Broadplain Area = 3,429.63 ha.**  
**Total Corn Riverflood Area = 438.30 ha.**

Barangay	Area (ha)	
	Broadplain	Riverflood
Aguinaldo	119.0	00.00
Bagong Sikat	186.0	00.00
Burgos	263.4	00.00
Cabaruan	285.0	00.00
Flores	272.0	00.00
La Union	96.0	00.00
Magsaysay	8.00	42.30
Manaring	99.40	00.00
Mansibang	69.40	00.00
Minallo	71.30	72.20
Minanga	14.10	106.0
Palattao	59.40	47.40
Quezon	75.20	29.60
Quinalabasa	101.4	00.00
Quirino	31.50	00.00
Rang-ayan	100.5	00.00
Rizal	53.30	00.00
Roxas	113.0	26.40
San Manuel	119.0	00.00
Sta. Victoria	113.0	00.00
Sto. Tomas	156.0	00.00
Sunlife	249.3	00.00
Surcoc	263.4	00.00
Tomines	18.18	00.00
Villapaz	309.43	00.00



## CORN PHOSPHORUS MAP

### Municipality of NAGUILIAN Province of Isabela, Philippines

**Prepared by:**

Eric G. Mata	Joana Rose R. Roque
Jouie D. Sumigad	Chinkee A. Agustin
Isagani S. Cabalsi	Sally Jane B. Duruin
Crescen Karl M. Espejo	Geze James V. Binuyat
Eleazar Gabriel A. Castillo	Alister Earl M. Meman
Kenneth Godfrey M. De Leon	Aarone M. Furugganan

**Reviewed by:**

**ANGELITA B. CALUBAQUIB**  
Science Research Specialist II

**Noted by:**

**RESTITUTO E. SAMATRA**  
Chief, RAED

**NENITA M. YABIS**  
Asst. Regional Com Coordinator

**ROSE MARY G. AQUINO**  
OIC - Regional Technical Director

**LORENZO M. CARAGUIAN, DPA**  
Regional Executive Director

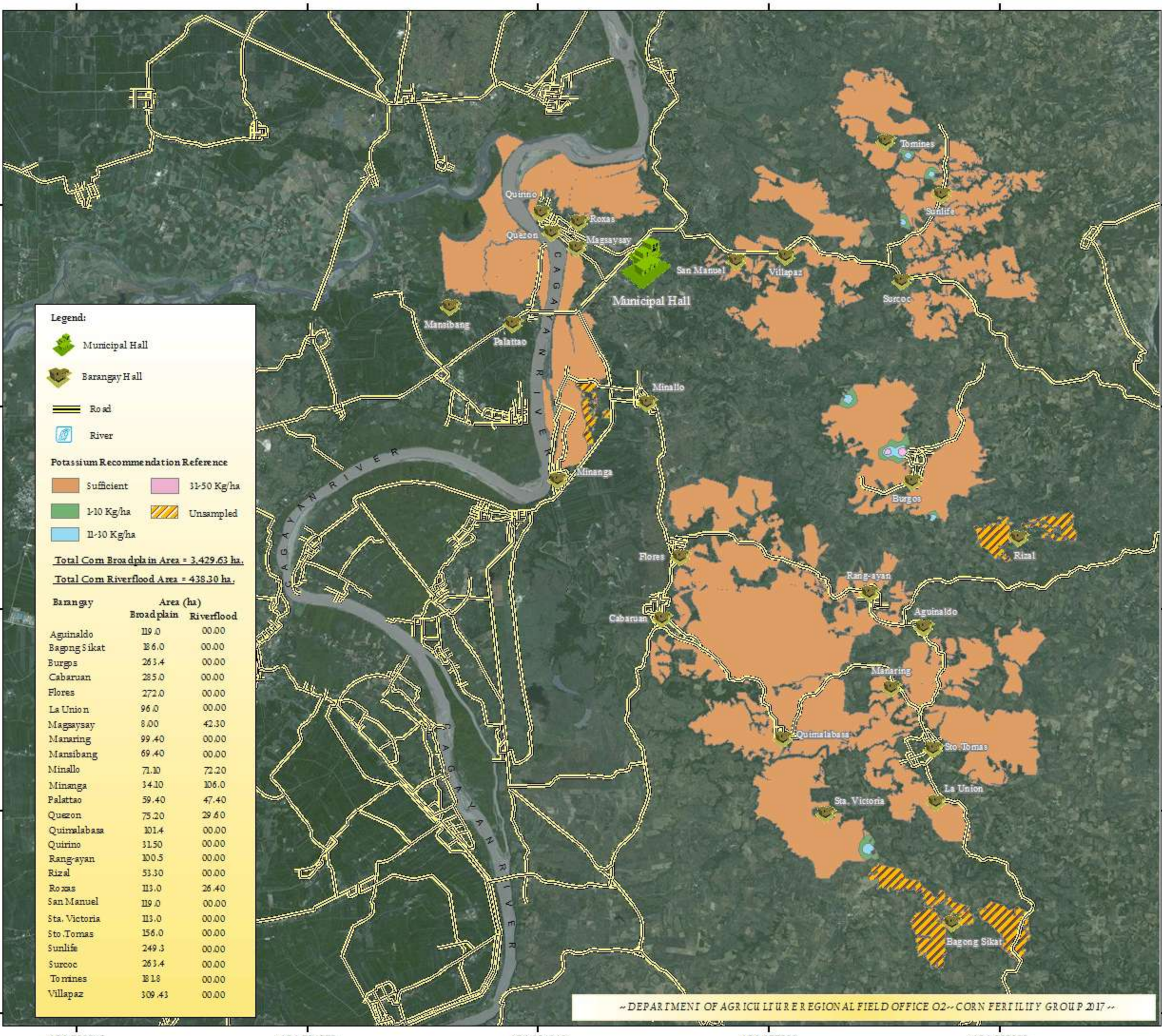
Scale: 1:80,000  
 Map Series: Regional Office 02  
 \* 2017 0000000  
 \* 2017 0000000  
 \* 2017 0000000

This study was prepared under the collaborative undertaking of the Department of Agriculture Regional Office 02, Regional Agricultural Engineering Group and the Local Government Unit, 2017.

Responsible for the content of the information:  
 The Department of Agriculture Regional Office 02 and the local government unit, 2017.

Published by: Department of Agriculture, RDO 02  
 Regional Agricultural Engineering Group  
 Cagayan Valley, Philippines  
 \* Copyright Reserved





**Legend:**

- Municipal Hall
- Barangay Hall
- Road
- River

**Potassium Recommendation Reference**

Sufficient	31-50 Kg/ha
1-10 Kg/ha	Unsampled
11-30 Kg/ha	

**Total Corn Broadplain Area = 3,429.63 ha.**  
**Total Corn Riverflood Area = 438.30 ha.**

Barangay	Area (ha)	
	Broadplain	Riverflood
Aguinaldo	119.0	00.00
Bagong Sikat	186.0	00.00
Burgos	263.4	00.00
Cabaruan	285.0	00.00
Flores	272.0	00.00
La Union	96.0	00.00
Magsaysay	8.00	42.30
Manaring	99.40	00.00
Mansibang	69.40	00.00
Minallo	71.30	72.20
Minanga	14.10	106.0
Palatiao	59.40	47.40
Quizon	75.20	29.60
Quimalabasa	101.4	00.00
Quirino	31.50	00.00
Rang-ayan	100.5	00.00
Rizal	53.30	00.00
Roxas	113.0	26.40
San Manuel	119.0	00.00
Sta. Victoria	113.0	00.00
Sto. Tomas	156.0	00.00
Sunlife	249.3	00.00
Suroc	263.4	00.00
Tomines	181.8	00.00
Villapaz	309.43	00.00

1:80,000

0 0.5 1 2 3 4 Kilometers



## CORN POTASSIUM MAP

### Municipality of NAGUILIAN Province of Isabela, Philippines

**Prepared by:**

Eric G. Mata	Joana Rose R. Roque
Jouie D. Sumigad	Chinkee A. Agustin
Isagani S. Cabalsi	Sally Jane B. Duruin
Crescen Karl M. Espejo	Gez e James V. Binuyat
Eleazar Gabriel A. Castillo	Alister Earl M. Meman
Kenneth Godfrey M. De Leon	Aarone M. Furugganan

**Reviewed by:**

**ANGELITA B. CALUBAQUIB**  
Science Research Specialist II

**Noted by:**

**RESTITUTO E. SAMATRA**  
Chief, RAED

**NENITA M. YABIS**  
Asst. Regional Com Coordinator

**ROSE MARY G. AQUINO**  
OIC - Regional Technical Director

**LORENZO M. CARAGUIAN, DPA**  
Regional Executive Director

Scale: 1:80,000  
 Map Series: Regional Office 02  
 \* 2017 00000000  
 \* 2017 00000000  
 \* 2017 00000000

This study was prepared under the collaborative undertaking of the Department of Agriculture Regional Office 02, Regional Agricultural Engineering Group and the Local Government Unit, ROR 02.

Responsible for the content of the study is the Regional Agricultural Engineering Group, ROR 02. The Department of Agriculture Regional Office 02 does not assume responsibility for the content of the map unless otherwise stated in the title block.

Published in the Department of Agriculture, ROR 02, Regional Agricultural Engineering Group, Cagayan City, Cagayan.

Prepared by: Department of Agriculture, ROR 02, Regional Agricultural Engineering Group, Cagayan City, Cagayan.

\* Copyright Reserved.



121.738642

121.784829

121.831016

121.877203

121.923390

17.027680

16.987200

16.946720

16.906240

16.865760

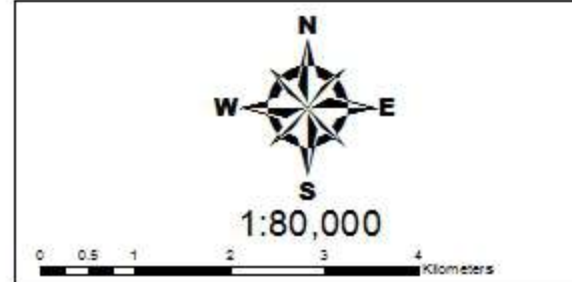
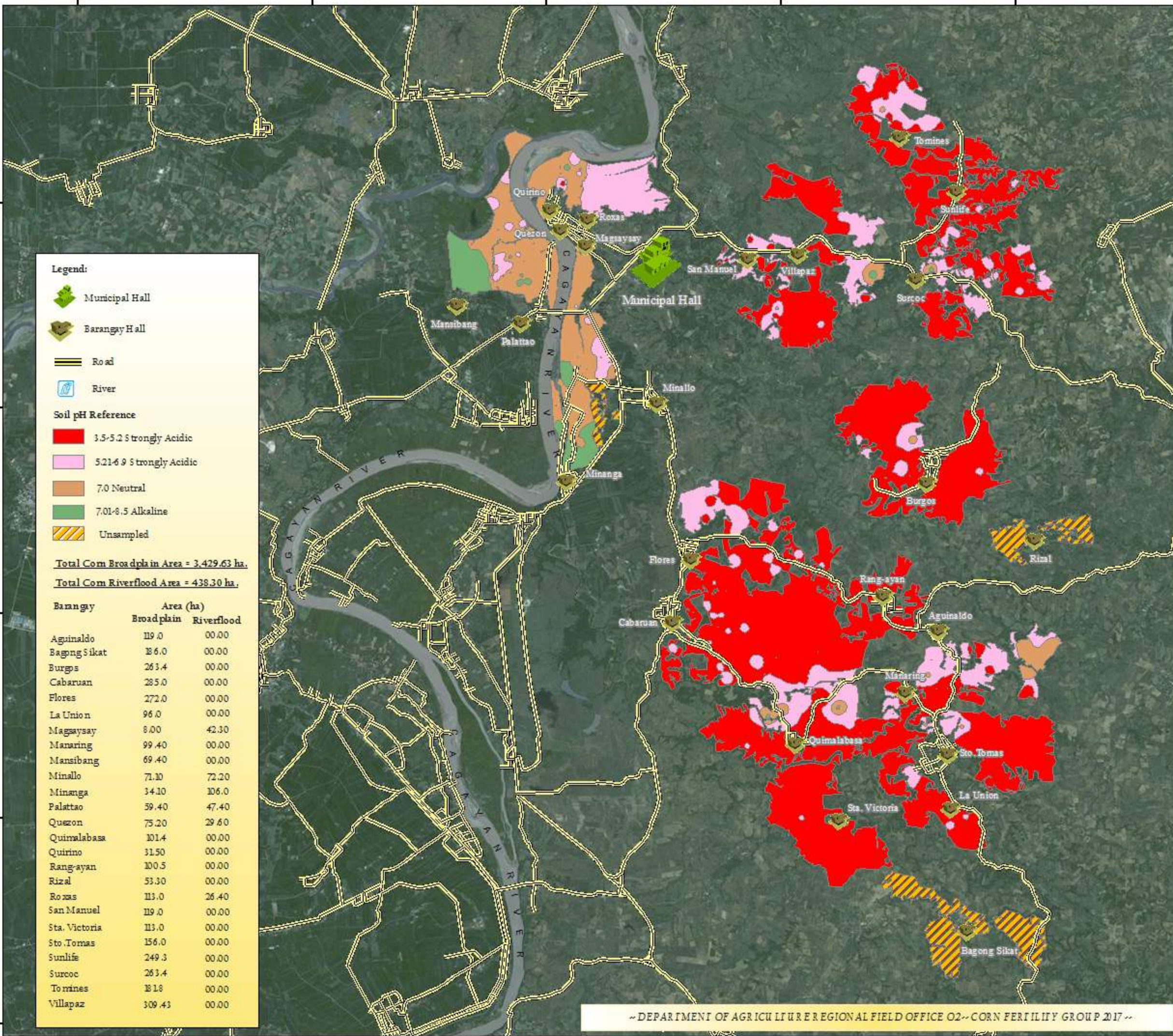
17.027680

16.987200

16.946720

16.906240

16.865760



# SOIL pH MAP

## Municipality of NAGUILIAN

### Province of Isabela, Philippines

Prepared by:

- |                             |                       |
|-----------------------------|-----------------------|
| Eric G. Mata                | Joana Rose R. Roque   |
| Jouie D. Sumigad            | Chinkee A. Agustin    |
| Isagani S. Cabalsi          | Sally Jane B. Duruin  |
| Crescen Karl M. Espejo      | Geze James V. Binuyat |
| Eleazar Gabriel A. Castillo | Alister Earl M. Mema  |
| Kenneth Godfrey M. De Leon  | Aarone M. Furugganan  |

Reviewed by:

**ANGELITA B. CALUBAQUIB**  
Science Research Specialist II

Noted by:

**RESTITUTO E. SAMATRA**  
Chief, RAED

**NENITA M. YABIS**  
Asst. Regional Com Coordinator

**ROSE MARY G. AQUINO**  
OIC - Regional Technical Director

**LORENZO M. CARAGUIAN, DPA**  
Regional Executive Director

**Legend:**

- Municipal Hall
- Barangay Hall
- Road
- River

**Soil pH Reference**

- 3.5-5.2 Strongly Acidic
- 5.21-6.9 Strongly Acidic
- 7.0 Neutral
- 7.01-8.5 Alkaline
- Unsampled

**Total Com Broadplain Area = 3,429.63 ha.**  
**Total Com Riverflood Area = 438.30 ha.**

Barangay	Area (ha)	
	Broadplain	Riverflood
Aguinaldo	119.0	00.00
Bagong Sikat	186.0	00.00
Burgos	263.4	00.00
Cabaruan	285.0	00.00
Flores	272.0	00.00
La Union	96.0	00.00
Magsaysay	8.00	42.30
Manaring	99.40	00.00
Mansibang	69.40	00.00
Minallo	71.30	72.20
Minanga	14.10	106.0
Palattao	59.40	47.40
Quezon	75.20	29.60
Quimalabasa	101.4	00.00
Quirino	31.50	00.00
Rang-ayan	100.5	00.00
Rizal	53.30	00.00
Roxas	113.0	26.40
San Manuel	119.0	00.00
Sta. Victoria	113.0	00.00
Sto. Tomas	156.0	00.00
Sunlife	249.3	00.00
Surcoc	263.4	00.00
Tomines	18.18	00.00
Villapaz	309.43	00.00

Scale: 1:80,000  
Map Series: Regional Office 02  
\*2017-000000  
\*2017-000000  
\*2017-000000

This map was prepared under the authority of the Department of Agriculture Regional Office 02. It is a technical document and its use is restricted to the Department of Agriculture Regional Office 02. It is not to be used for any other purpose without the prior written consent of the Department of Agriculture Regional Office 02. It is the property of the Department of Agriculture Regional Office 02. It is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of the Department of Agriculture Regional Office 02.

Copyright Reserved