

# EXPERIMENTOS DE CALCÁRIO INCORPORADO – SEGUNDO PROJETO

Projeto de dissertação de Mestrado

Responsável: Junior César Resende silva

Experimentos  
instalados

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Pains

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Iguatama

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Madre de Deus de Minas

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São João del Rei

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Araguari

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Uberlândia

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Formiga

# Fundão - Araguari

| Prof  | pH                | P      | K                       | S    | Ca   | Mg  | Al  | H+Al | SB   | CTC (t) | CTC(T) | V           | m     |
|-------|-------------------|--------|-------------------------|------|--|-----|-----|------|------|---------|--------|-------------|-------|
| cm    | CaCl <sub>2</sub> | resina | — mg dm <sup>-3</sup> — |      | ————— cmol <sub>c</sub> dm <sup>-3</sup> ————— |     |     |      |      |         |        | ———— % ———— |       |
| 00-20 | 4,5               | 3,1    | 102,0                   | 11,9 | 1,2  | 1,1 | 0,6 | 5,3  | 2,57 | 3,17    | 7,87   | 32,66       | 18,93 |
| 20-40 | 4,4               | 3,2    | 49,3                    | 6,1  | 0,8  | 0,6 | 0,8 | 4,5  | 1,54 | 2,34    | 6,04   | 25,50       | 34,19 |

| TEXTURA |               |       |       |
|---------|---------------|-------|-------|
| PROF    | ARGILA        | AREIA | SILTE |
| cm      | ————— % ————— |       |       |
| 00-20   | 51,9          | 10,0  | 38,1  |
| 20-40   | 56,8          | 9,0   | 34,2  |

**Doses**

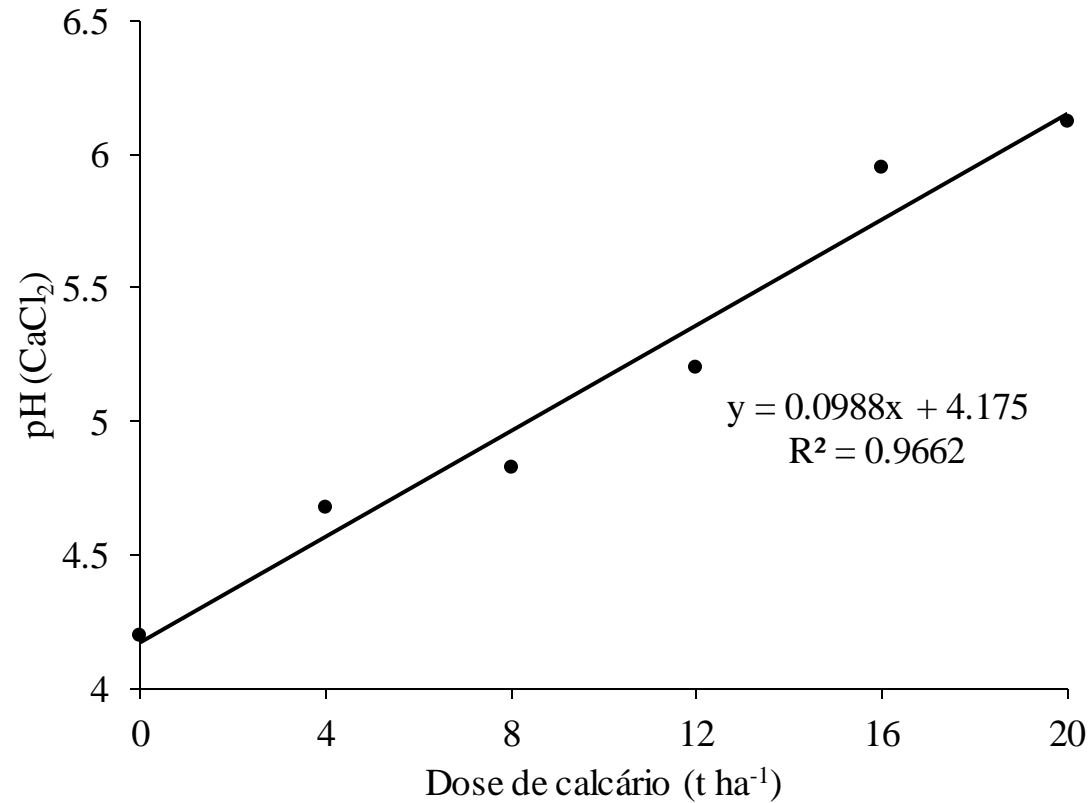
**Data de instalação**

0 a 20 t ha<sup>-1</sup>

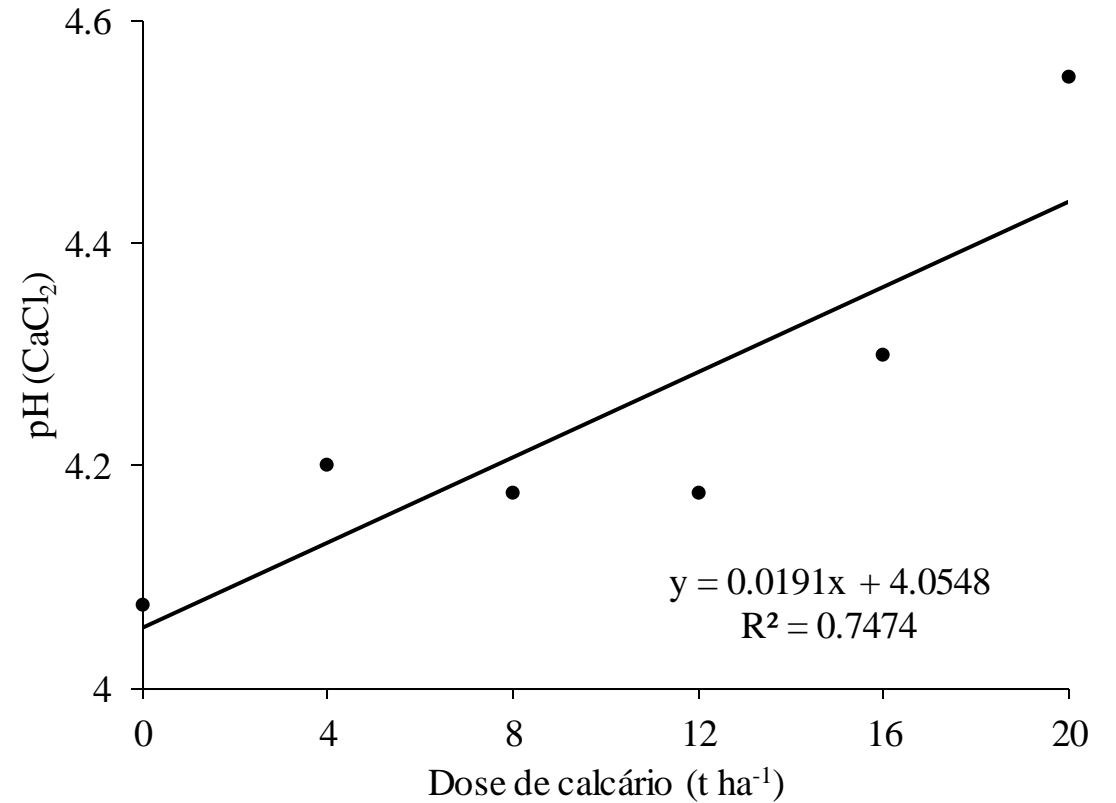
22/05/2019

# Fundão

pH (CaCl<sub>2</sub>) (camada de 00-20 cm)

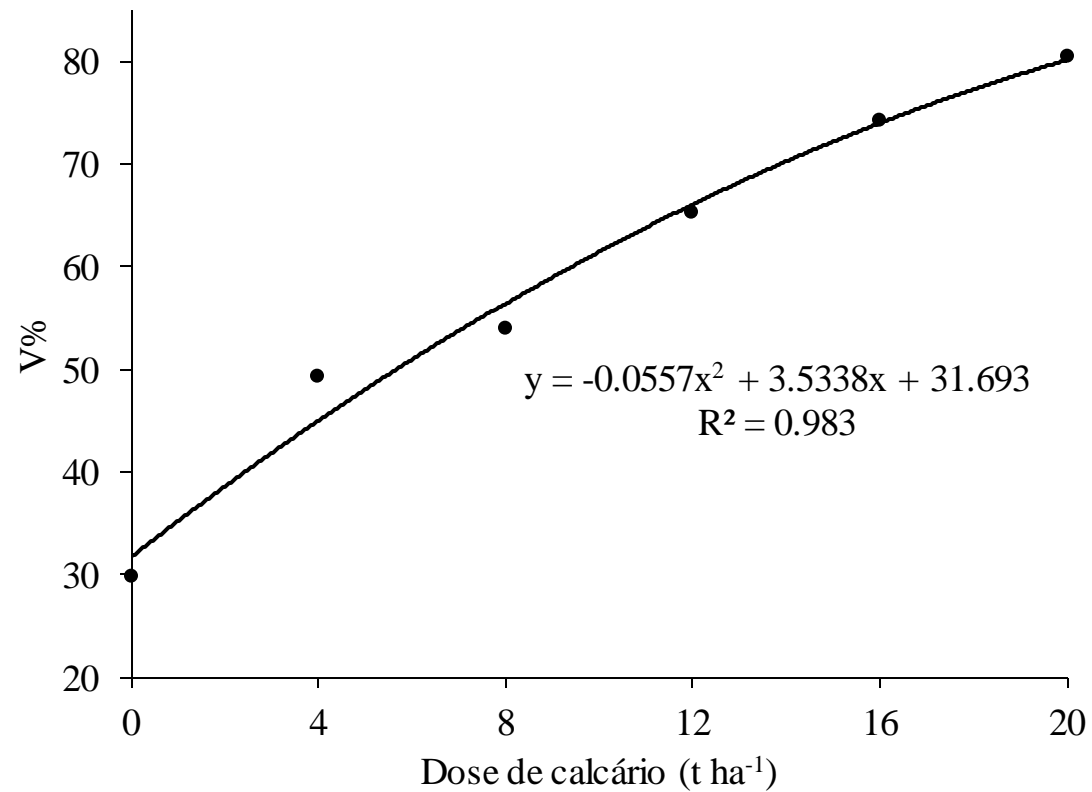


pH (CaCl<sub>2</sub>) (camada de 20-40 cm)

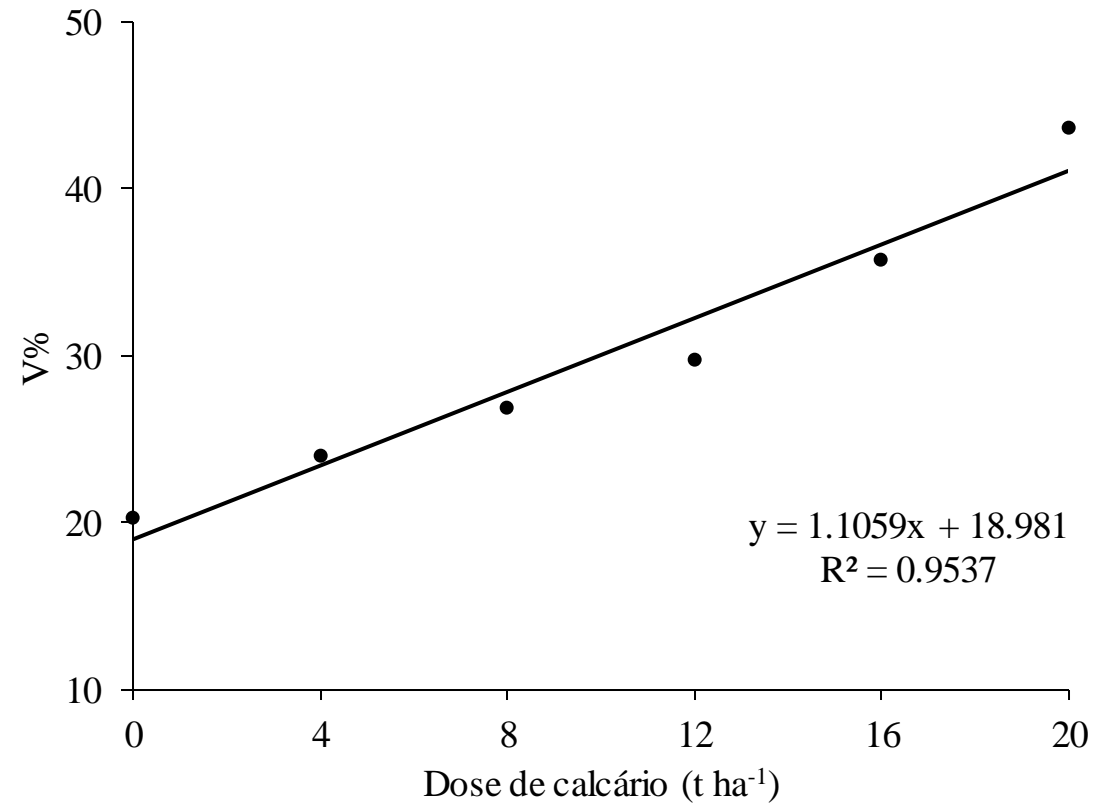


# Fundão

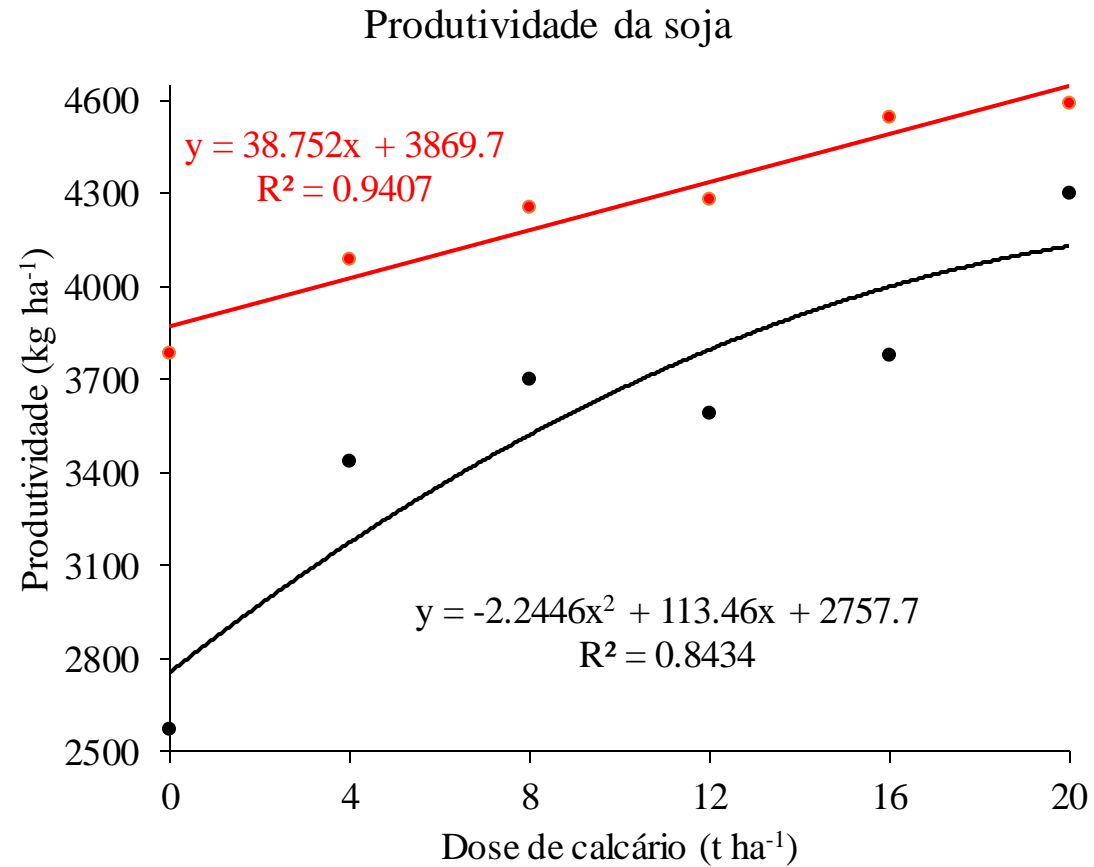
V% (camada de 00-20 cm)



V% (camada de 20-40 cm)

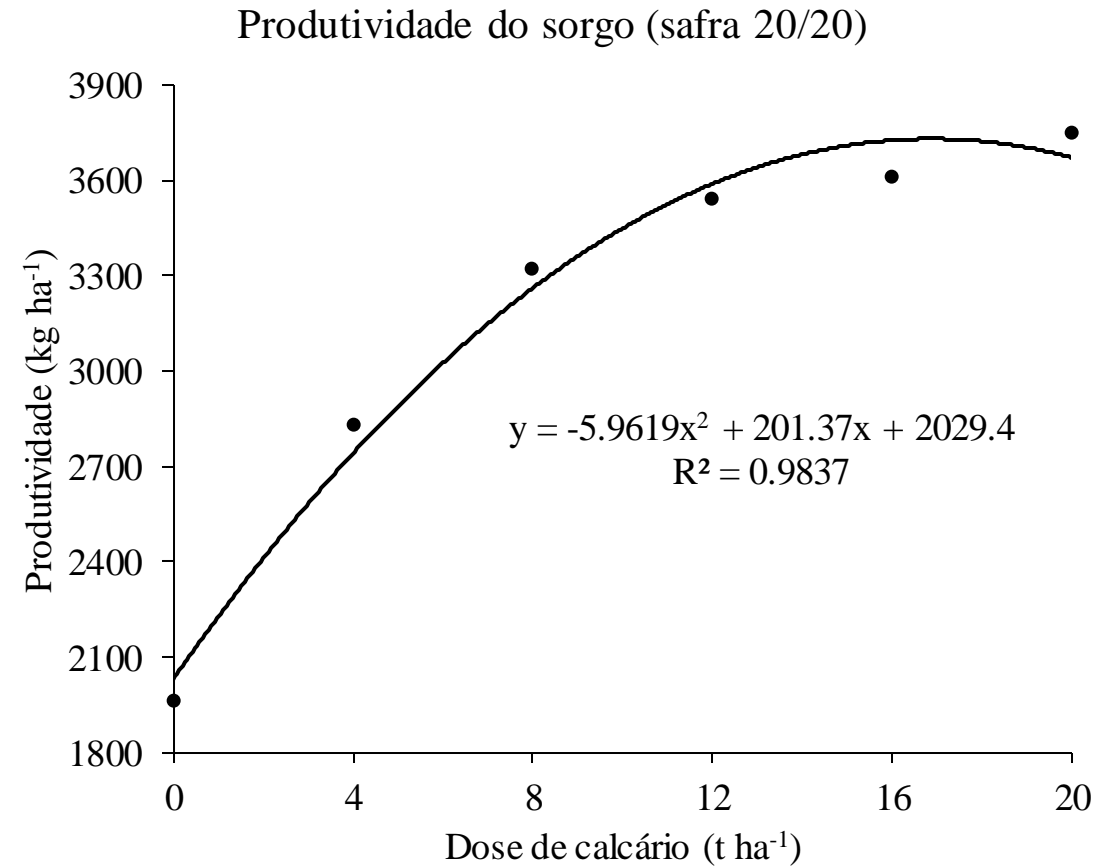


# Fundão

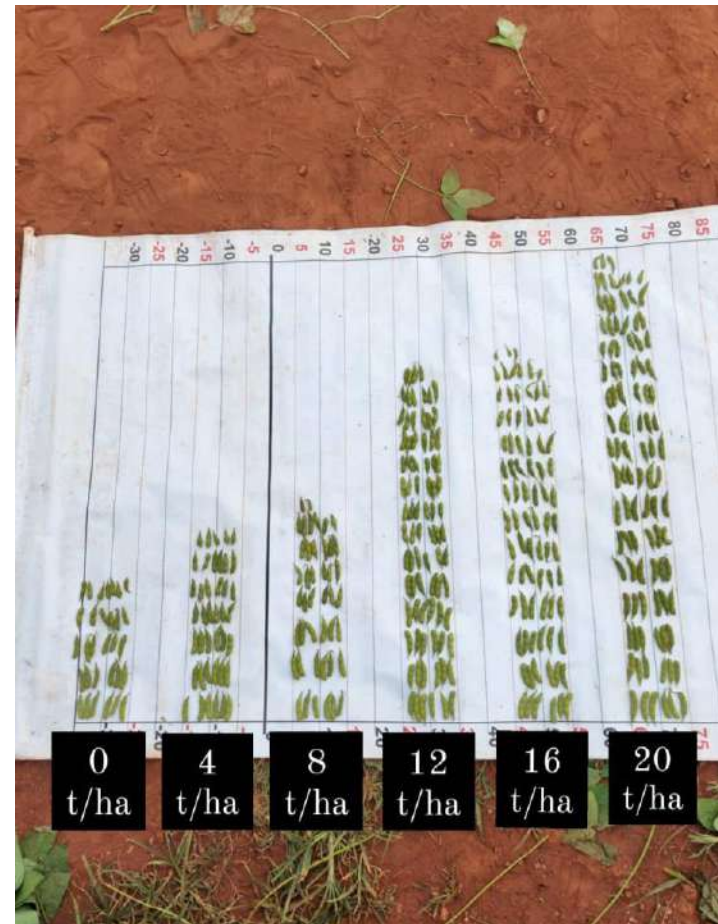


• Safra 19/20

• Safra 20/21







Fundão



# Palma da Babilônia - Uberlândia

| Prof  | pH                | P      | K                       | S   | Ca   | Mg  | Al  | H+Al | SB   | CTC (t) | CTC(T) | V           | m     |
|-------|-------------------|--------|-------------------------|-----|--|-----|-----|------|------|---------|--------|-------------|-------|
| cm    | CaCl <sub>2</sub> | resina | — mg dm <sup>-3</sup> — |     | ————— cmol <sub>c</sub> dm <sup>-3</sup> ————— |     |     |      |      |         |        | ———— % ———— |       |
| 00-20 | 4,7               | 0,6    | 22,5                    | 3,5 | 1,2  | 0,5 | 0,2 | 1,8  | 1,78 | 1,98    | 3,58   | 49,72       | 10,10 |
| 20-40 | 4,4               | 2,1    | 11,3                    | 2,7 | 1,2  | 0,3 | 0,2 | 1,6  | 1,54 | 1,74    | 3,14   | 49,04       | 11,49 |

| TEXTURA |               |       |       |
|---------|---------------|-------|-------|
| PROF    | ARGILA        | AREIA | SILTE |
| cm      | ————— % ————— |       |       |
| 00-20   | 15,0          | 75,9  | 9,1   |
| 20-40   | 17,2          | 71,5  | 11,3  |
| 40-60   | 22,0          | 65,9  | 12,1  |

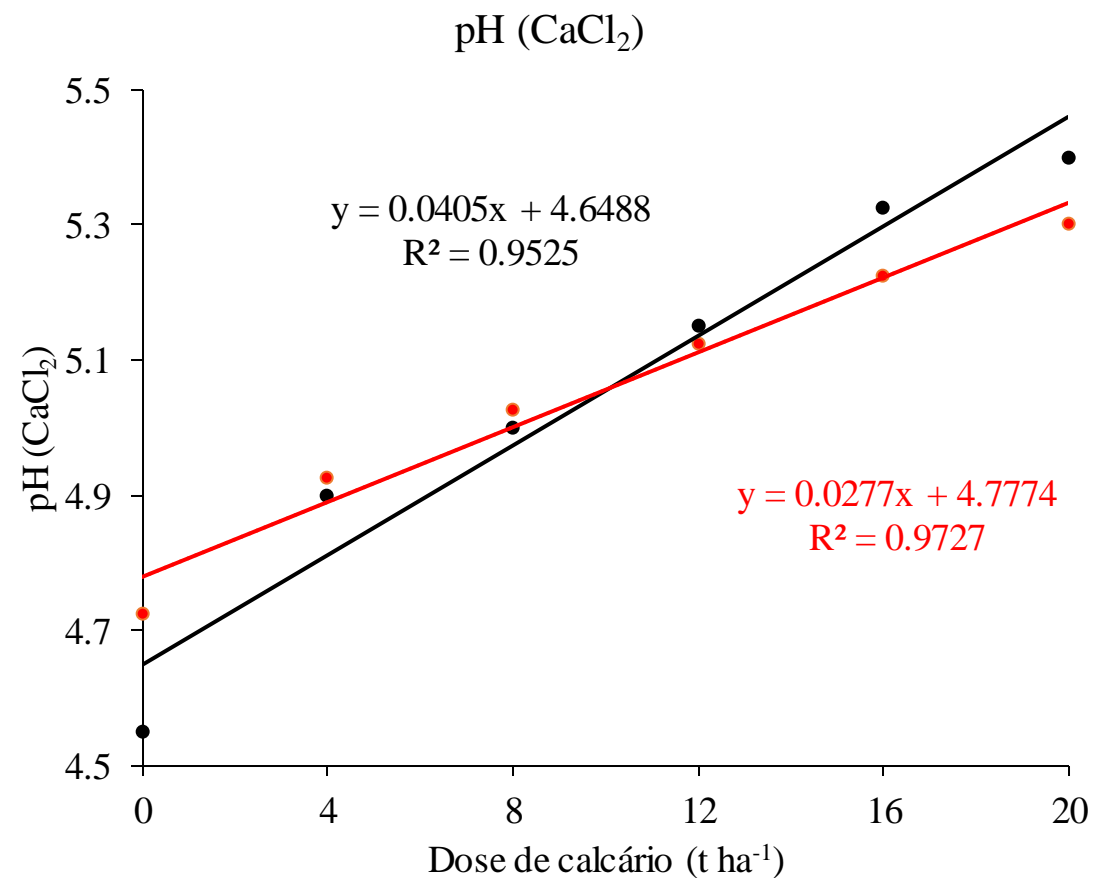
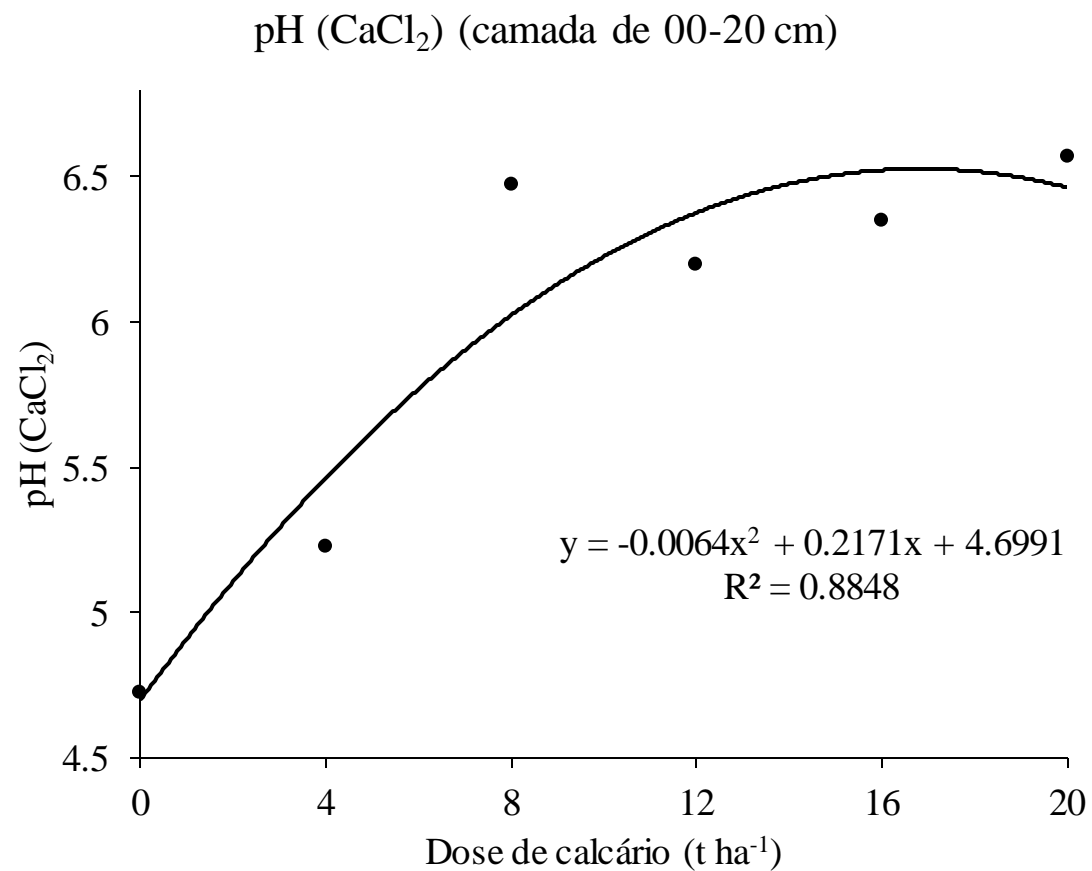
**Doses**

**Data de instalação**

0 a 20 t ha<sup>-1</sup>

23/05/2019

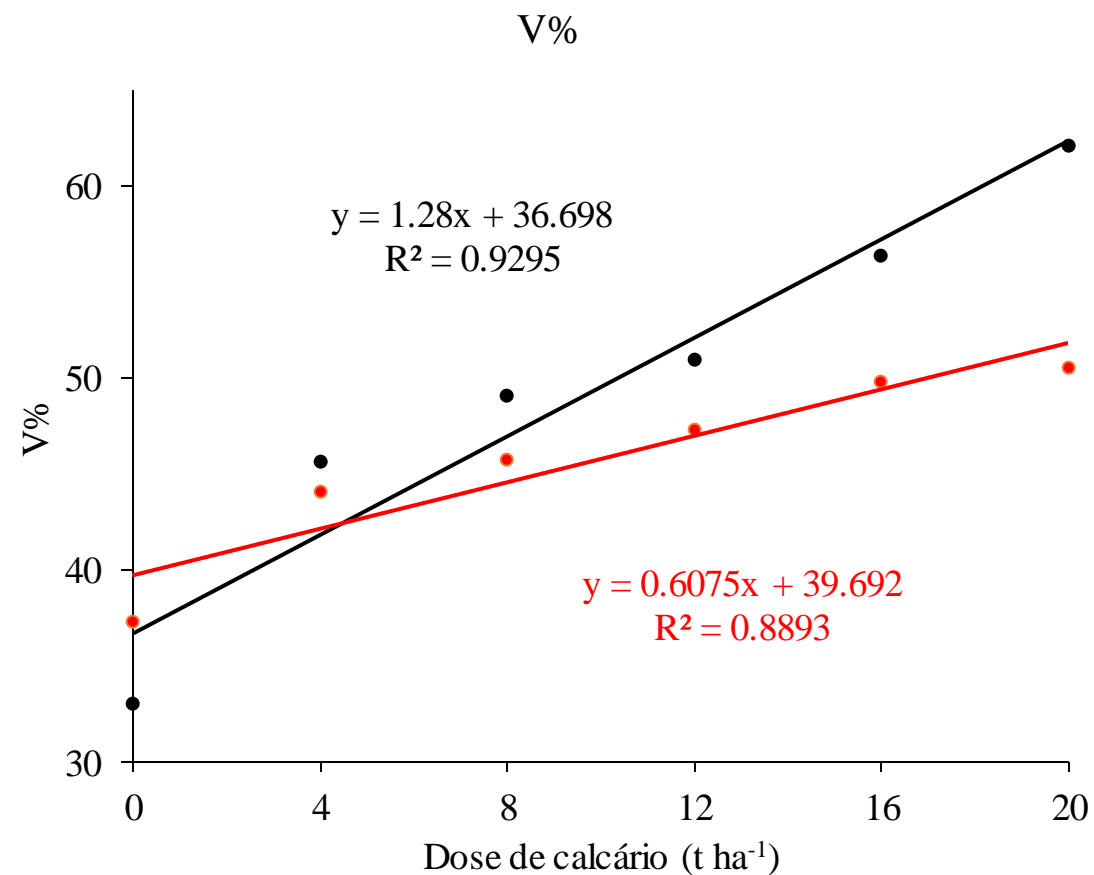
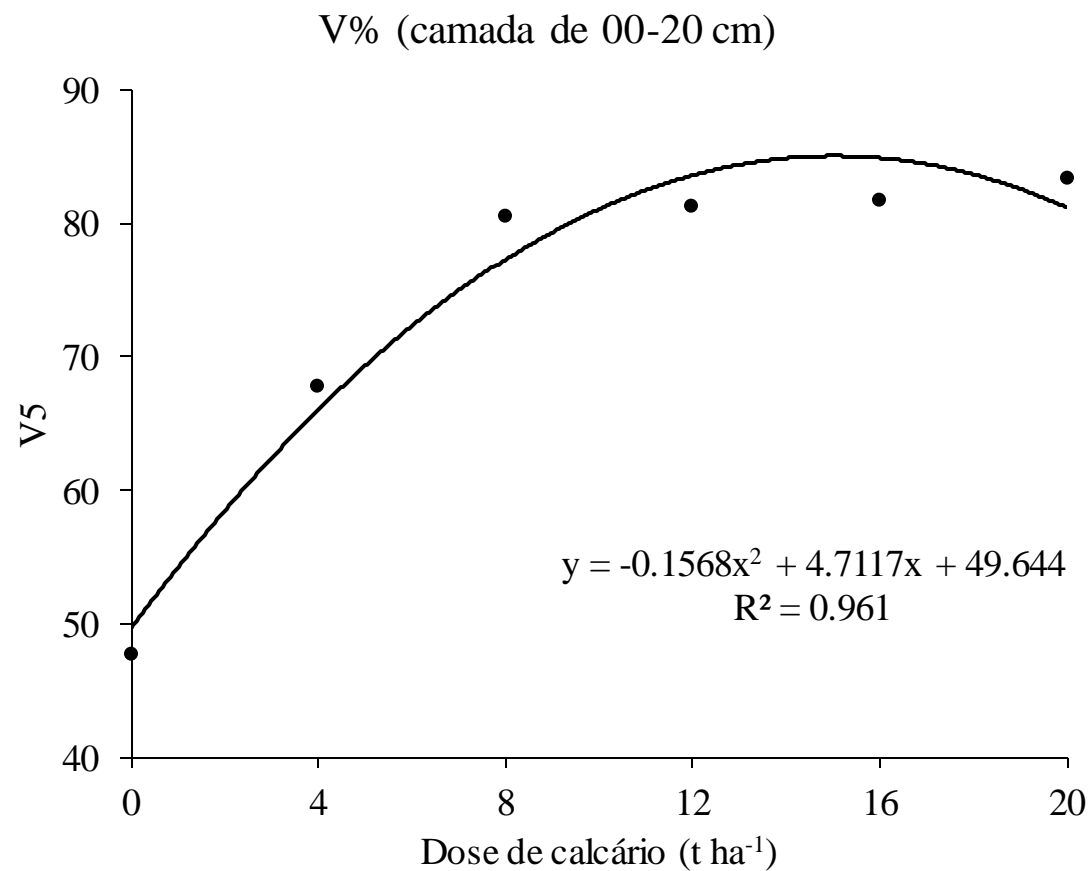
# Palma da Babilônia



● Camada de 20-40 cm

● Camada de 40-60 cm

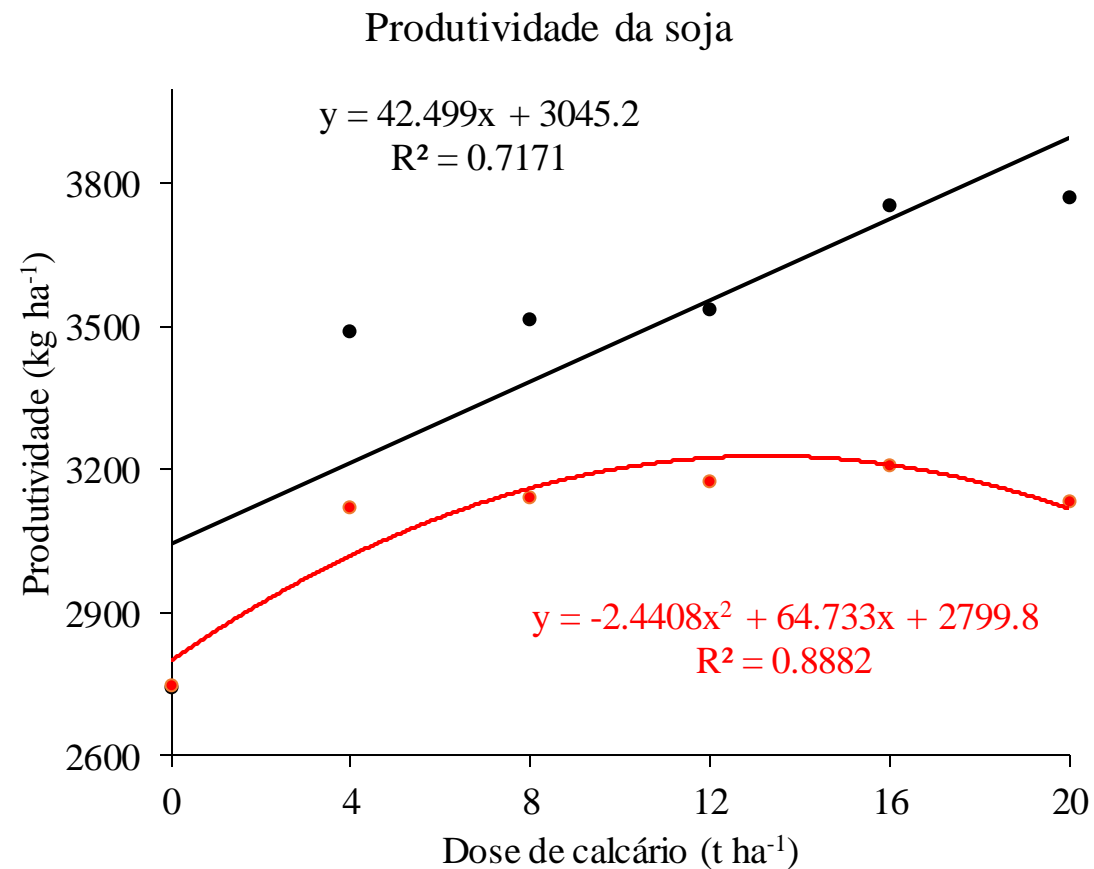
# Palma da Babilônia



● Camada de 20-40 cm

● Camada de 40-60 cm

# Palma da Babilônia



• Safra 19/20

• Safra 20/21

# Palma da Babilônia



0 t ha<sup>-1</sup>

4 t ha<sup>-1</sup>

8 t ha<sup>-1</sup>

12 t ha<sup>-1</sup>

16 t ha<sup>-1</sup>

20 t ha<sup>-1</sup>

# Solo Fértil - Formiga

| Prof  | pH                | P      | K                       | S    | Ca   | Mg  | Al  | H+Al | SB   | CTC (t) | CTC(T) | V       | m     |
|-------|-------------------|--------|-------------------------|------|--|-----|-----|------|------|---------|--------|---------|-------|
| cm    | CaCl <sub>2</sub> | resina | — mg dm <sup>-3</sup> — |      | ————— cmol <sub>c</sub> dm <sup>-3</sup> ————— |     |     |      |      |         |        | —— % —— |       |
| 00-20 | 3,9               | 3,8    | 17,5                    | 11,4 | 0,9  | 0,1 | 1,4 | 7,0  | 1,06 | 2,46    | 8,06   | 13,15   | 56,91 |
| 20-40 | 4,1               | 0,8    | 13,5                    | 8,8  | 0,8  | 0,1 | 1,4 | 5,8  | 0,96 | 2,36    | 6,76   | 14,20   | 59,32 |

**Doses**

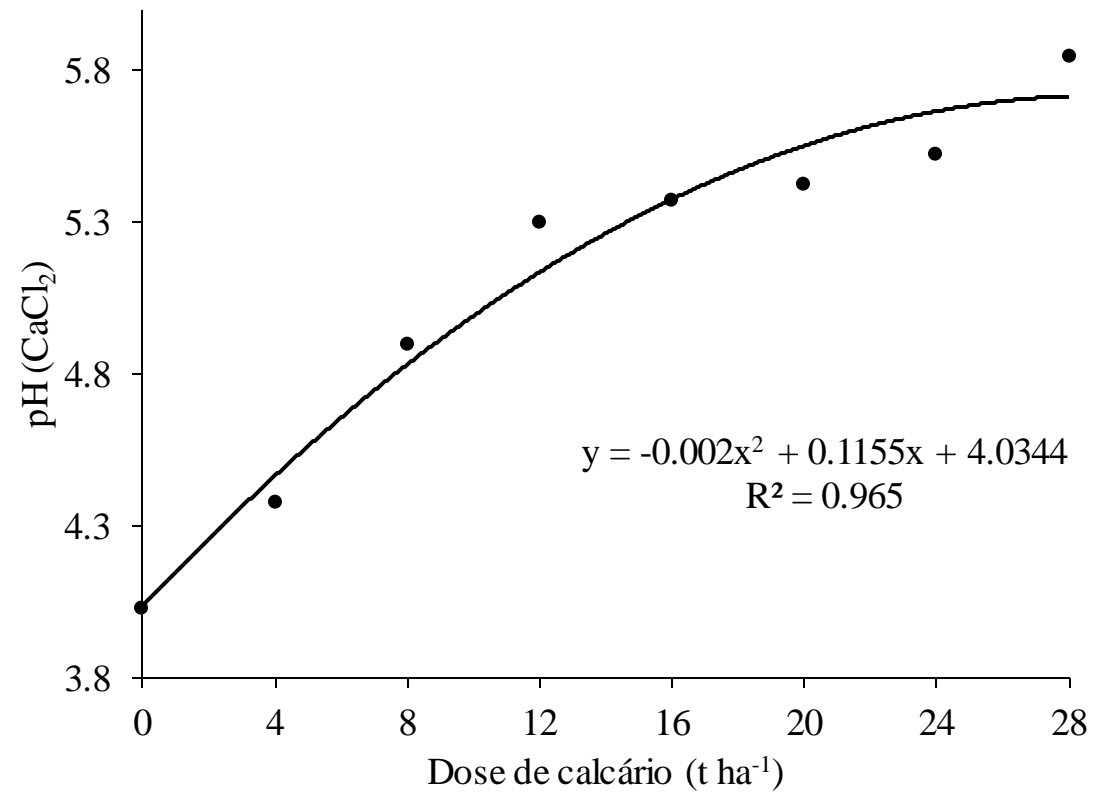
**Data de instalação**

0 a 28 t ha<sup>-1</sup>

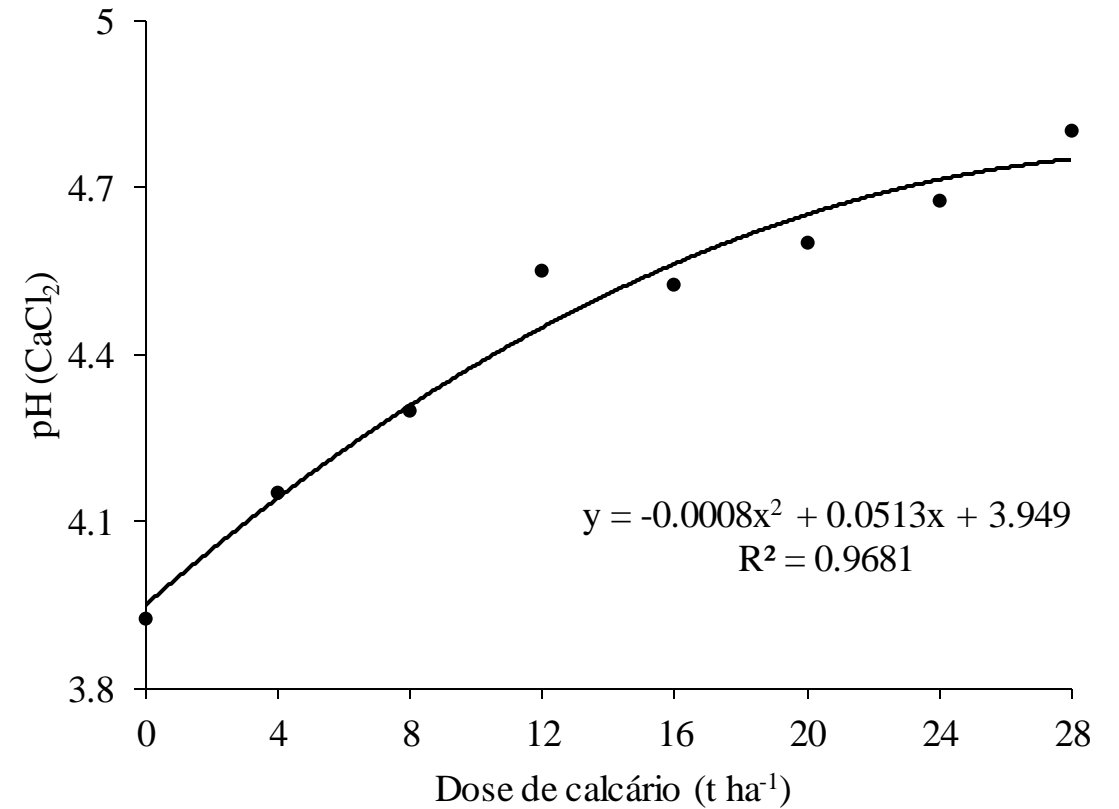
15/10/2019

# Solo Fértil

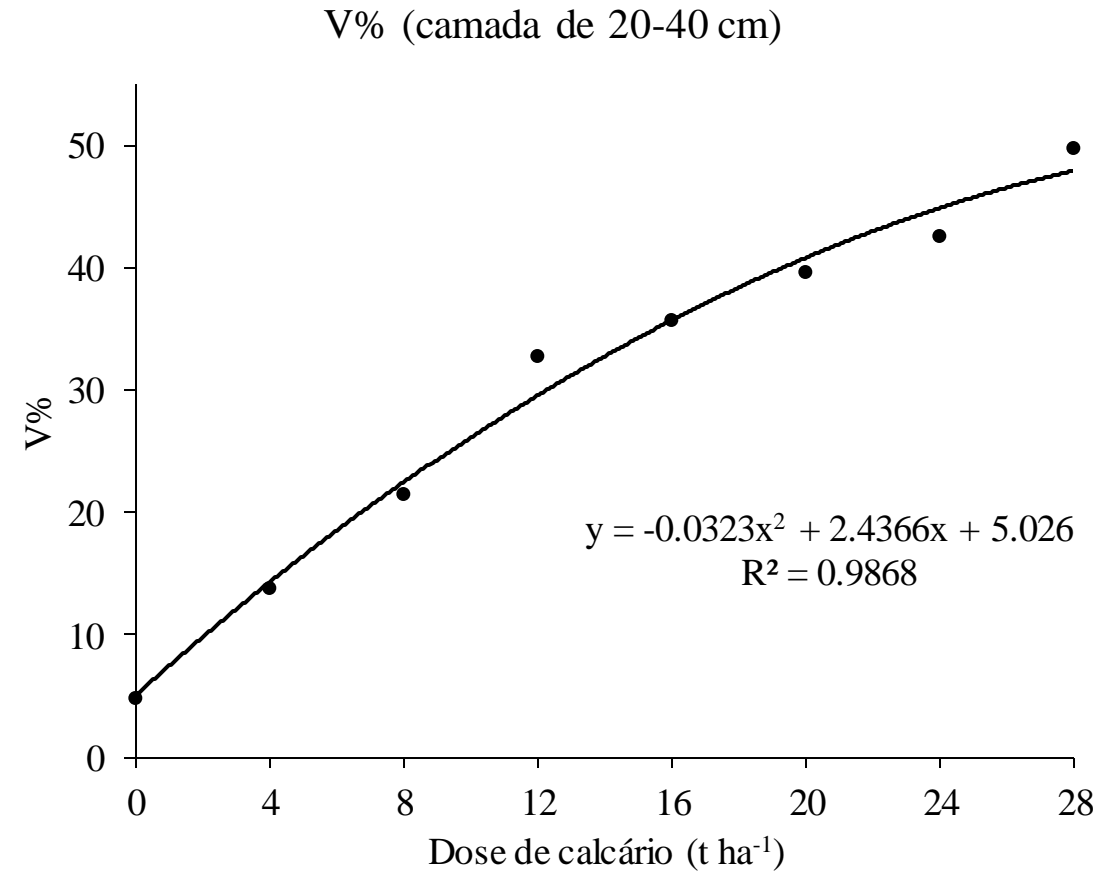
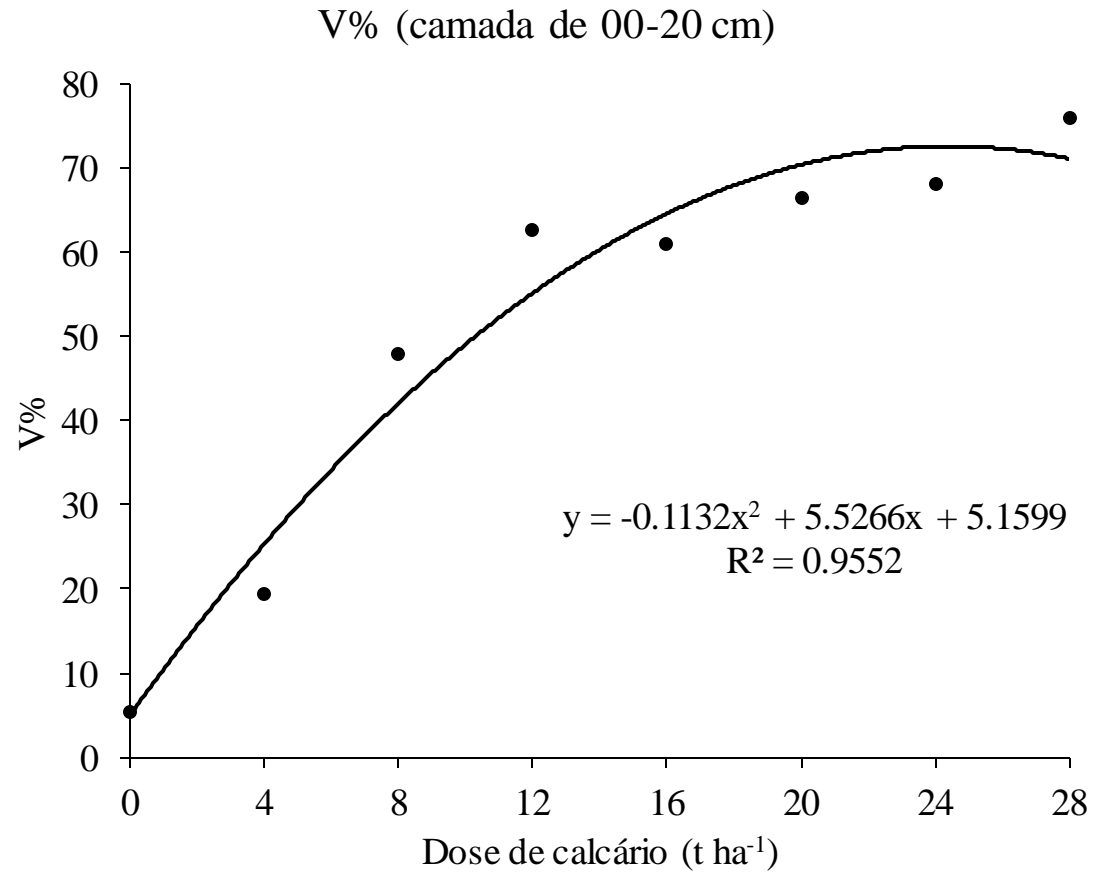
pH (CaCl<sub>2</sub>) (camada de 00-20 cm)



pH (CaCl<sub>2</sub>) (camada de 20-40 cm)

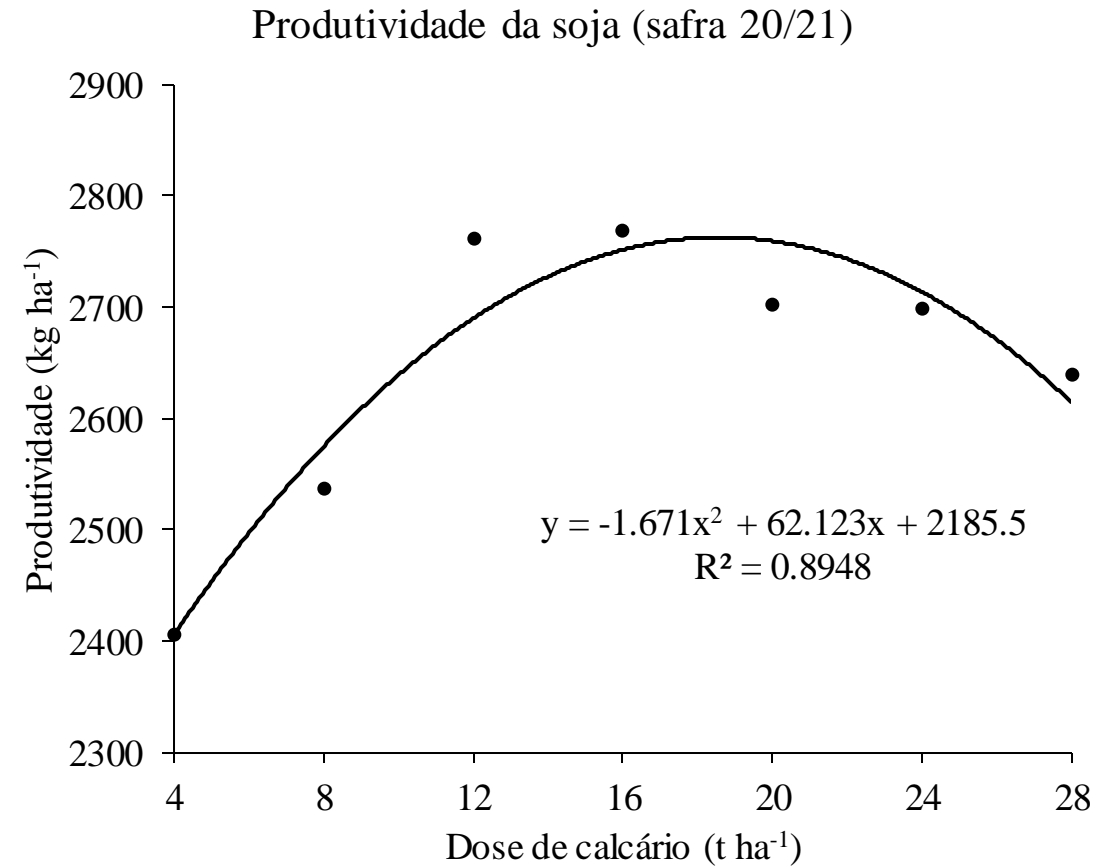
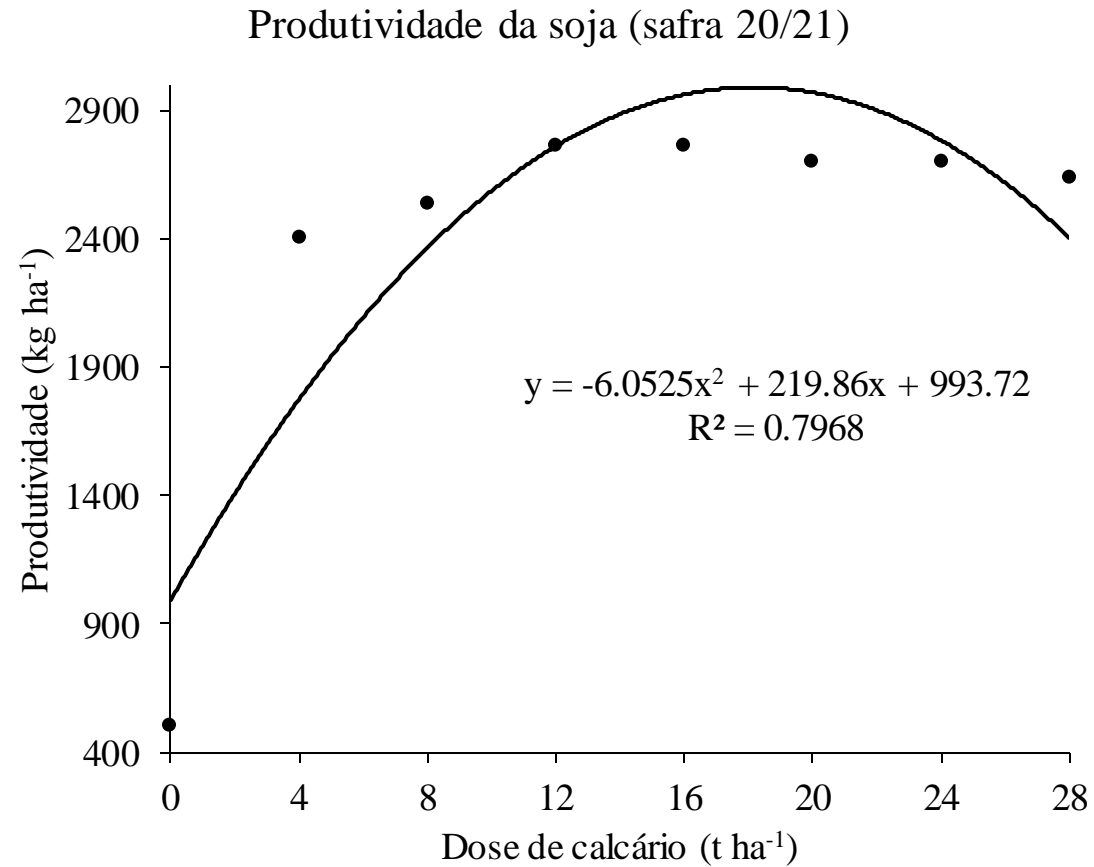


# Solo Fértil





# Solo Fértil



# Solo Fértil



# Curtume – São João del Rei

| Prof  | pH                | P      | K                       | S   | Ca                                     | Mg  | Al  | H+Al | SB   | CTC (t) | CTC(T) | V     | m     |
|-------|-------------------|--------|-------------------------|-----|--|-----|-----|------|------|---------|--------|-------|-------|
| cm    | CaCl <sub>2</sub> | resina | — mg dm <sup>-3</sup> — |     | — cmol <sub>c</sub> dm <sup>-3</sup> — |     |     |      |      |         |        | — % — |       |
| 00-20 | 4,4               | 1,8    | 33,9                    | 7,8 | 1,1                                    | 0,4 | 0,2 | 3,7  | 1,60 | 1,80    | 5,30   | 30,19 | 11,11 |
| 20-40 | 4,1               | 0,2    | 22,4                    | 7,2 | 0,9                                    | 0,2 | 0,2 | 3,2  | 1,17 | 1,37    | 4,37   | 26,77 | 14,60 |

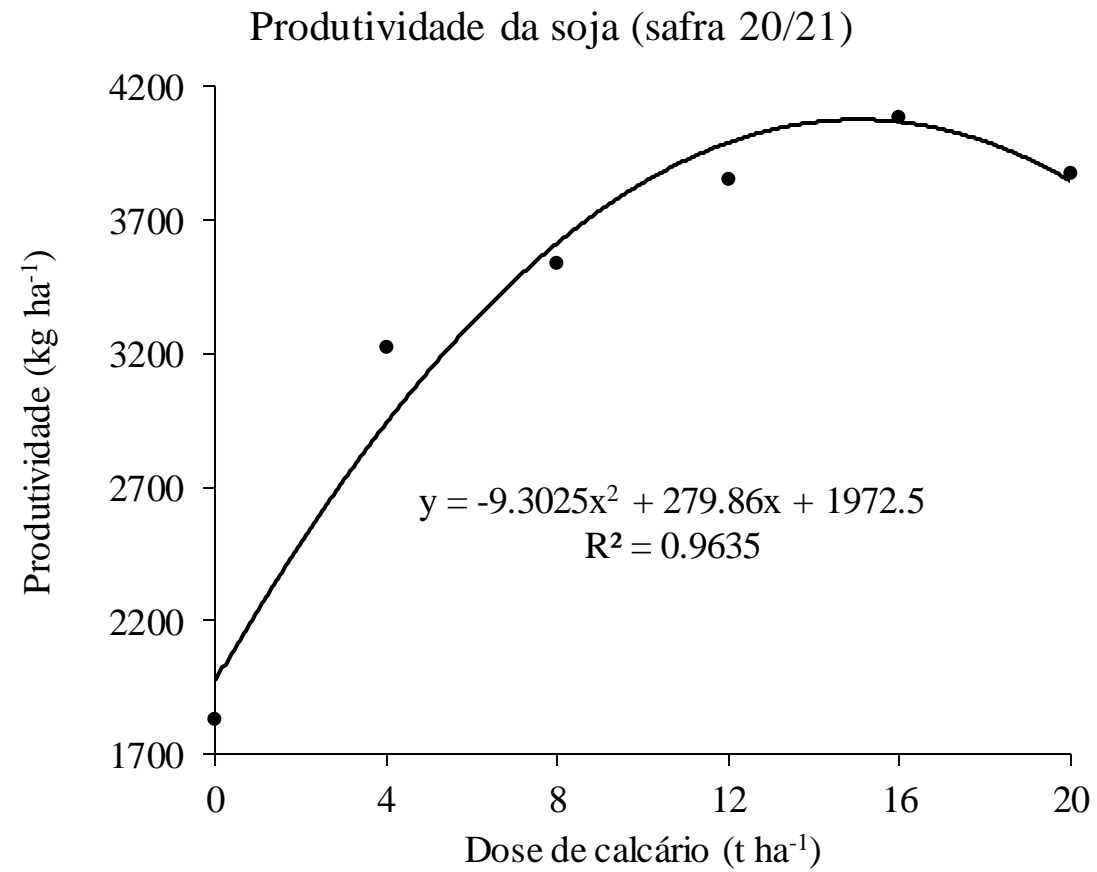
**Doses**

**Data de instalação**

0 a 20 t ha<sup>-1</sup>

12/12/2018

# Curtume



# Curtume



16 t ha<sup>-1</sup>



0 t ha<sup>-1</sup>