Cultura

N

P

K

Ca

Mg

S

Zn

Cu

Fe

Mn	B
----------g/kg----------	
----------mg/kg----------	
Culturas Perenes	
Abacate	
16-20	
0,8-2,5	
7-20	
10-30	
2,5-8,0	

2,0-6,0

30-100

5-15

50-200

30-100

50-100

Abacaxi

15-17

0,8-1,2

22-30

8-12

3,0-4,0

2,0-3,0

5-15

5-10

100-200

50-200

20-40

Acerola

20-24

0,8-1,2

15-20

15-25

1,5-2,5
4,0-6,0
30-50
5-15
50-100
15-50
25-100
Banana
27-36
1,8-2,7
35-54
3-12

	3,0-6,0
	2,0-8,0
	20-50
	6-30
	80-360
	200-2000
	10-25
Café	
	26-32
	1,2-2,0
	18-25

10-15

3,5-5,0

1,5-2,0

10-20

10-20

50-200

50-200

50-80

Cana-de-açucar (planta)

19-21

2,0-2,4

11-13

8-10

2,0-3,0

2,5-3,0

25-50

8-10

200-500

100-250

15-50

Cana-de-açucar (soca)

20-22

1,8-2,0

13-15

5,7

2,0-2,5

2,5-3,0

25-30

8-10

80-150

50-125

20-50

Citros

25-27

1,2-1,6

10-15

35-45

2,3-4,0

2,0-3,0

25-100

5-16

60-120

25-50

36-100

Eucalipto

14-16

1,0-1,2
10-12
8-12
4,0-5,0
1,5-2,0
35-50
7-10
150-200
400-600
30-50
Goiaba
13-16

1,4-1,6
13-16
9-15
2,4-4,0
3,0
28-32
10-16
144-162
202-398
-

Graviola

25-28

1,4-1,5

26

8-17

4,0

1,5-1,7

-

-

-

-

-

Mamão Pecíolo

10-25
2,2-4,0
35-50
10-30
4,0-10
4,0-6,0
-
-
-
-
-

Mandioca
45-60
2,5-5,0
10-20
5-15
2,0-5,0
3,0-4,0
35-100
5-25
60-200
25-100
15-50

Manga
12-14
0,8-1,6
5-10
20-35
2,5-5,0
0,8-1,8
20-40
10-50
50-200
50-100

50-100
Maracujá
40-50
2,3-2,7
20-30
15-25
2,0-2,5
3,0-4,0
25-60
10-15
120-200
40-250

40-100
Pinus
11-13
0,8-1,2
6-10
3-5
1,3-2,0
1,3-1,6
35-50
4-7
100-200

250-600

12-25

Pupunha

22-35

2,0-3,0

9-15

2,5-4

2,5-4,0

2,0-3,0

15-40

4-10

40-200

30-150

12-30

Seringueira

29-35

1,6-2,5

10-17

0,7 -0,9

1,7 -2,5

1,8-2,6

20-40

10-15

50-120
40-150
20-70

Culturas Anuais

Algodão
35-40
2,0-4,0
15-25
20-35
3,0-8,0
4,0-8,0

25-200

5-25

40-250

25-300

30-50

Amendoim

30-45

2,0-5,0

17-30

12-20

3,0-8,0

2,0-3,5

20-60

5-20

50-300

20-350

25-60

Arroz

27-35

1,8-3,0

13-30

2,5-10

1,5-5,0

1,5-3,0
10-50
3-25
70-200
70-400
4-25
Aveia
20-30
2,0-5,0
15-30
2,5-5,0
1,5-5,0

1,5-4,0
15-70
5-25
40-150
25-100
5-20
Cevada
17-30
2,0-5,0
15-30
2,5-6,0

1,5-5,0
1,5-4,0
15-70
5-25
25-100
20-100
5-20
Ervilha
40-60
3,0-8,0
20-35
12-20

| | | |

10-25

2,5-5,0

2,0-3,0

20-100

10-20

100-450

30-300

30-60

Girassol

30-50

3,0-5,0

30-45

8,0-22
3,0-8,0
1,5-2,0
30-80
25-100
80-120
10-20
35-100
Manona
40-50
3,0-4,0

30-40

15-25

2,5-3,5

3,0-4,0

15-40

4-10

25-100

20-150

20-30

Milho

28-35

1,8-3,0

13-30

2,5-10

1,5-5,0

1,4-3,0

15-100

6-20

30-250

20-200

10-25

Soja

45-55

2,5-5,0
17-25
4,0-20
3,0-10
2,1-4,0
20-50
10-30
51-350
21-100
21-55
Sorgo
25-35

2,0-4,0

14-25

2,5-6

1,5-5,0

1,5-3,0

20-70

5-25

100-300

25-150

4-20

Trigo

20-34

2,1-3,3

15-30

2,5-10

1,5-4,0

1,5-3,0

20-70

5-25

10-300

25-150

5-20

Leguminosas	(Abubos Verdes(Crotalária, Feijão-de-Porco, Feijão-Guandu,	Lab-lab, Mucuna, Tre

Leguminosas	em geral
20-45	
1,3-3,0	
12-30	
5-20	
2,0-5,0	
1,5-3,0	
20-50	
5-10	
40-200	
40-200	

25-50
Forrageiras
Andropogon
12-25
1,1-3,0
12-25
2,0-6,0
1,5-4,0
0,8-2,5
20-50
4-12

50-250

40-250

10-25

B. brizantha

13-20

0,8-3,0

12-30

3,0-6,0

1,5-4,0

0,8-2,5

20-50

4-12

50-250

40-250

10-25

B. decumbens

12-20

0,8-3,0

12-25

2,0-6,0

1,5-4,0

0,8-2,5

20-50

4-12

50-250

40-250

10-20

Coast-cross

15-25

1,5-3,0

15-30

3,0-8,0

2,0-4,0

1,0-3,0

30-50

4-14

5-200

40-200

10-25

Capim elefante

15-25

1,5-3,0

15-30

3,0-8,0

2,0-4,0

1,0-3,0

20-50

4-17

50-200

40-200

10-25

Capim Jaraguá

13-15

0,6-1,0

11-17

2,3-4,5

1,5-2,3

1,3-1,8

25-30
3-5
150-200
200-300
20-25
Leucena
20-48
1,5-3,0
1,3-3,0
5,0-20
2,0-4,0

| | | |

1,0-3,0

20-50

4-14

50-200

40-200

10-30

Sectária anceps

12-22

8,0-30

12-30

2,0-7,0

		1,5-4,0
		1,0-2,5
		20-50
		5-12
		50-250
		40-250
		10-25
Soja	perene	
		20-40
		1,5-3,0
		12-30
		5,0-20

2,0-5,0	
1,5-3,0	
20-50	
5-12	
40-250	
40-150	
30-50	
Stylosantes	guianensis
20-40	
1,5-3,0	
10-30	

5,0-20	
1,5-4,0	
1,5-3,0	
20-50	
6-12	
40-250	
40-150	
25-50	

Fonte: Souza e Lobato (2002).