

[1,3-8],

NPK
NPK

10,9

3

[2]

60-70%,

NPK.

1.

1

103,5

36

85,8

1

160

= 200

107

31 1

88,7

(. 2).

31

1

NPK

$N_{31}P_{21}K_3$,

55

NPK.

= $\times 1 - \times \times \times /$,

= $(31 \times 1,2 - 5,4 \times 2,34 \times 34 \times 0,07) / 0,35 = 21$ P_2O_5 1

NPK.

5

87 /

1 25,2

- 86,4 /

30,2

30 /

25

1

55

NPK

2 5

6

1

| 1. | | | | |
|-----|------|----------|--------|------|
| | N | P_2O_5 | K_2O | |
| , % | 1,85 | 0,70 | 1,02 | 3,57 |
| 1 | 0,80 | 0,25 | 0,92 | 1,97 |
| NPK | 3,45 | 1,20 | 2,86 | 7,51 |
| (| 1,0* | 0,35 | 0,83 | 2,18 |
|), | 2,87 | 1,0* | 2,38 | 6,25 |
| NPK | 1,45 | 0,42 | 1,0* | 2,87 |
| , % | 45,9 | 16,0 | 38,1 | 100 |

| 2. NPK (= 31 1) | | | |
|----------------------------------|------|----------|--------|
| | N | P_2O_5 | K_2O |
| 1 | 3,45 | 1,20 | 2,86 |
| (= \times i), / (), /100 | 107 | 37,2 | 88,7 |
| () - 2,34 | 10,2 | 5,4 | 25,4 |
| (- NK, - 2 5; = 34 / 0-25), | 347 | 428 | 864 |
| () | 0,25 | 0,07 | 0,10 |
| - NK; = (= P_2O_5), | 87 | 30 | 86,4 |
| (= -), / | 20 | 7,2 | 2,3 |
| () | 0,65 | 0,35 | 0,75 |
| (= /), / | 31 | 21 | 3 |

NPK

10-15,

10-15%.

| 3. , / | | | | | | | |
|------------------|---|-------|-------|-------|-------|-------|-------|
| - | - | , / | | | | | |
| | | 25-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 |
| N | 3 | 30-40 | 42-50 | 52-60 | 62-70 | 72-80 | 82-90 |
| | 4 | 20-30 | 32-42 | 44-52 | 54-62 | 64-72 | 74-82 |
| | 5 | 10-20 | 22-32 | 34-44 | 46-54 | 56-64 | 66-74 |
| | 6 | 0-10 | 12-22 | 24-34 | 36-46 | 48-56 | 58-66 |
| 2 5 | 3 | 20-30 | 32-40 | 42-50 | 52-60 | 62-70 | 72-80 |
| | 4 | 10-20 | 22-32 | 34-42 | 44-52 | 54-62 | 64-72 |
| | 5 | 0-10 | 12-22 | 24-34 | 36-44 | 46-54 | 56-64 |
| | 6 | — | 0-12 | 14-24 | 26-36 | 38-46 | 48-56 |
| K ₂ O | 3 | 0-13 | 15-20 | 22-27 | 29-34 | 36-41 | 42-47 |
| | 4 | — | 10-15 | 17-22 | 24-29 | 31-36 | 38-42 |
| | 5 | — | 0-10 | 12-17 | 19-24 | 26-31 | 33-38 |
| | 6 | — | — | 0-12 | 14-19 | 21-26 | 28-33 |

NPK

12-15

1. , 1969. 2. , 1989. 3. , 2002. 4. NPK , 2003. 5. , 2004. 6. , 2006. 7. , 2005. 8. , 2006. 9. 1987.