

$\bullet \bullet$ ,  $\bullet \bullet \bullet$ ,  $\bullet \bullet$ ,  $\bullet \bullet^{\circ}$ ,  $\bullet \bullet$

( )

( ),

10 .

$$\begin{aligned} &: \mathbf{1)} \\ &\quad ; \mathbf{2)} \end{aligned}$$
$$(\quad . 1).$$
; **3)**

; 4)

( ) 1%.

$$(\quad, \quad).$$

1,4:1.

 $\mathbf{1})$ 

; 2)

**; 3)**

; **4)**

; 5)

; 6)

; 7)

**8)**

; 9)

30-35%,

2 ).

7 .

( 19-20 .%)

| 1. |              |                   |           |            |      |       |
|----|--------------|-------------------|-----------|------------|------|-------|
| /  |              | , %               |           |            |      |       |
|    |              | (12%<br>4,5%<br>) | (50%<br>) | (21%<br>N) | +    | +     |
| 1  | (6-2-5)      | 166,7             | 85,0      | 285,7      | 50,0 | 412,6 |
| 2  | -<br>(4-4-6) | 333,3             | 90,0      | 190,5      | 50,0 | 336,7 |
| 3  | (4-4-4)      | 333,3             | 50,0      | 190,5      | 50,0 | 376,2 |
| 4  | (2-5-5)      | 416,7             | 62,4      | 950,0      | 50,0 | 375,9 |
| 5  | (4-3-6)      | 250,0             | 97,5      | 190,5      | 50,0 | 412,0 |
| 6  | -<br>(4-2-6) | 166,7             | 105       | 190,5      | 50,0 | 487,8 |
| 7  | (6-3-4)      | 250,0             | 57,5      | 285,7      | 50,0 | 356,8 |
| 8  | (2-6-3)      | 50,0              | 15,0      | 95,0       | 50,0 | 340,0 |

| 2. |                         | (6 – 2 – 5) |    | ( 2006 – 2007 ) |     |    |  |
|----|-------------------------|-------------|----|-----------------|-----|----|--|
| /  |                         | , /         |    |                 | NPK |    |  |
|    |                         |             | /  | %               | /   | %  |  |
| 1  |                         | 107         | -  | -               | -   | -  |  |
| 2  | N <sub>120 40 100</sub> | 152         | 45 | 42              | -   | -  |  |
| 3  | ( . .2)                 | 176         | 69 | 64              | 24  | 16 |  |
| 4  | ( . .2)                 | 200         | 93 | 87              | 48  | 32 |  |
| -  |                         |             |    |                 |     |    |  |
|    |                         | 7.55        |    |                 |     |    |  |

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## Preparation Technology of Phosphorus-Containing Organo-Mineral Fertilizers

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**Summary.** A technology without drying was developed for the production of a wide range of organo-mineral fertilizers (OMFs) from domestic raw materials using agroindustrial equipment. Agrochemical studies showed the efficiency of OMFs for different agricultural crops

**Key words:** *organo-mineral fertilizers, dryingless technology, zeolite, glauconite, agroindustrial equipment, application efficiency*