

631.482 (210.7)(262.5)(477.74)

...
... 2, 65082, ...
...
... (10-15 %)
NPK
...
... () (),
...
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... ().
...
1982 . [15], [3, 16], [4] -
“ () ”
-
(site-factor) (flux-factors),
(site-factor).
: - ()
, - ()
) - ()
)
[9]
(),
- ()

2003–2013

[2, 7, 8 .]

, Mg,

[4, 6, 12].

[1, 2, 7 .]

(10–15 %)

(, Ca, K, N, P, Mg),

... , " , - " .

- , , -

[1, 2, 10 .], ,

[8].

3 , , [5, 11, 14 .].

[5], 1 , , +

0,95 2,00 , , +

- () , -

() - ,

[4, 6, 12, 13 .]. , , , ,

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() , - . [3,

15, 16],

() ,

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25 25-45 , ,

(10-12) - [1, 2].

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-2.

-1

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SOIL FORMATION POTENTIAL OF NATURAL SOIL FORMATION FACTORS OF ZMIINY ISLAND

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The article assesses soil formation potential of several factors allocated on Zmiiny island, particularly the climate and atmospheric conditions of the territory, the solid silicate rocks from the island's surface, and the biological factors of soil formation. This assessment derives from analysis of the natural soil formation factors of Zmiiny island, their geo-genetic specifications and role in soil formation. The biological factor is crucial in formation of the uncommonly rich in humus (10–15 % of humus and more) and NPK rich chernozem soils which possess tendency to increase their chernozem properties and profile depth with time.

Key words: Zmiiny island, soil formation potential of the natural soil formation factors.