

504.55.054:622+504.064.45

*Phytotesting of rock mass from dumps of Malokohnivsky granit quarry was estimated. The rate of soil solution acidity of rock mass was determined. The mining does not weight clearly pronounced toxic effects of the test cultures was found. Some measures to phytocanning with ruderal plants are offered.*

**Keywords:** dumps; rock mass; mining supply; phytocanning; test-culture; phytotoxic effect.

[1].

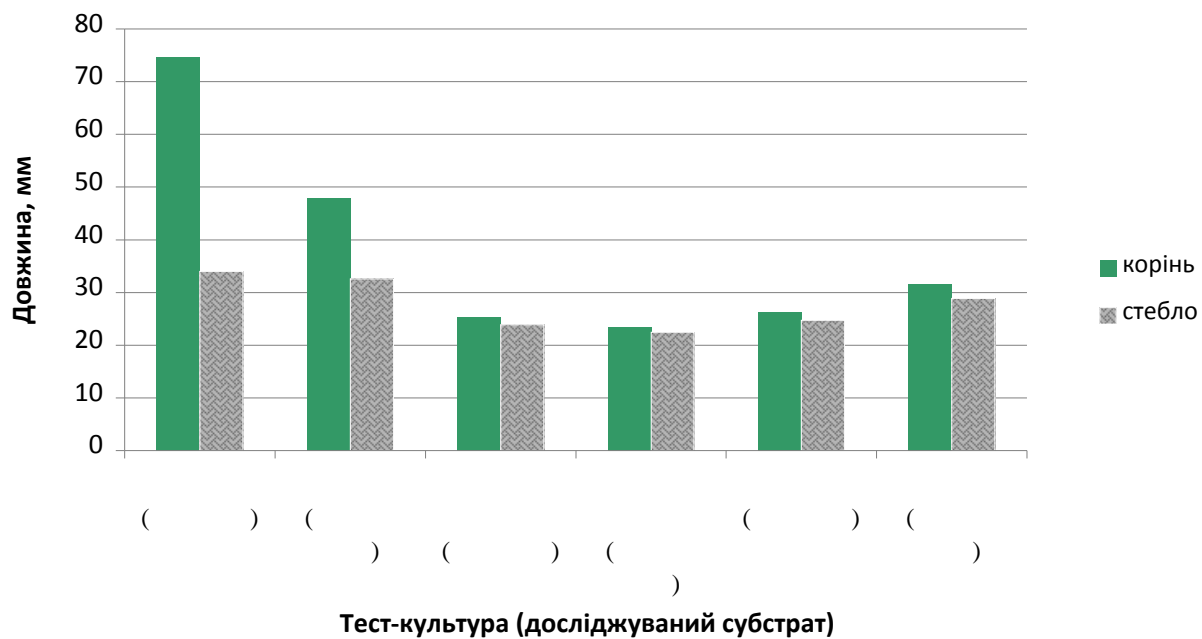
[2].

pH/EC/TDS Waterproof Family ( . 1).

1.

( )	
1	6,9
2	7,2
3	7,0
4	7,1
5 ( )	7,2

1. « » [3].  
*Raphanus sativus* var. *Radicula*,  
*Calamagrostis epigeios* (L.) Roth [4; 5].  
*Setaria glauca* L.  
 1 ( ), 5-7  
 30 *Raphanus sativus* var. *Radicula*,  
 5 *Calamagrostis epigeios* (L.) Roth.  
 +28  
 WP-300H.



1. ( ) - , ,  
 $\bar{x} \pm m$ ,  $m$  -  

$$m = \sqrt{\frac{\sigma^2}{N}}$$
 (1)  
 $N$  - ;  
 $\sigma^2$  - , , ;

$$\sigma^2 = \frac{\sum_{i=1}^N (x - \bar{x})^2}{N}, \quad (2)$$

$$t = \frac{|\bar{x}_1 - \bar{x}_2|}{\sqrt{m_1^2 + m_2^2}}, \quad (3)$$

$\bar{x}_1$  – ;  
 $\bar{x}_2$  – ;  
 $m_1$  – ;  
 $m_2$  – ;  
 $\pm m$ ,  $\sigma^2$  . 2.

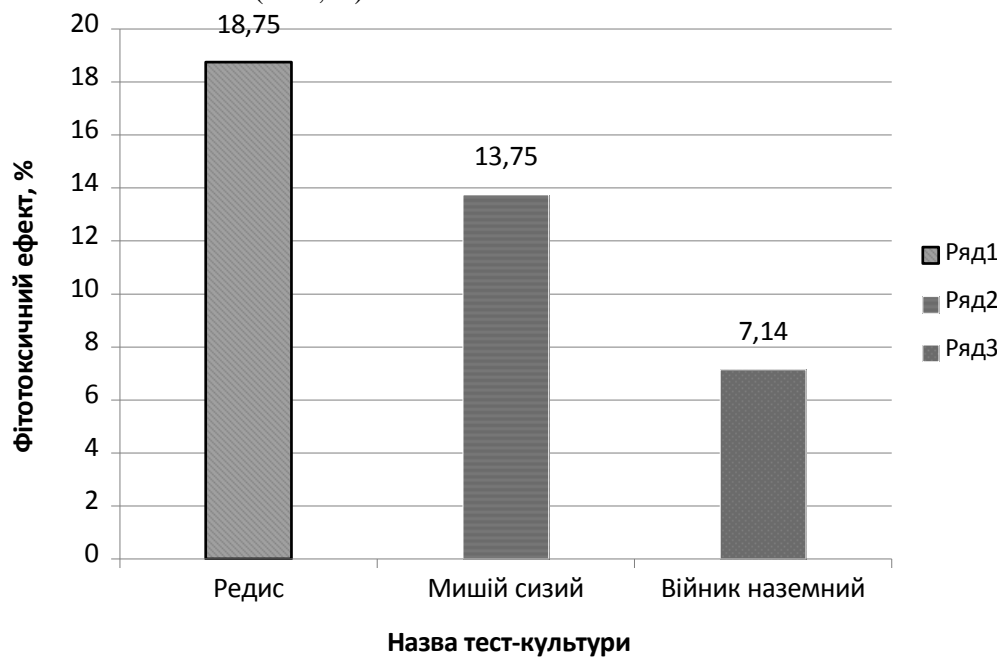
2.

2	727,8	136,7	2286,2	1063,1	180,0	80,9	548,9	503,0	996,8	832,7	112,5	43,1
$\pm m$	74,62± ±3,74	34± ±1,62	47,82± ±5,25	32,60± ±2,15	25,23± ±3,72	23,85± ±2,49	23,43± ±3,55	22,43± ±2,25	31,57± ±4,14	28,86± ±3,81	26,31± ±2,94	24,69± ±1,82
t	-	-	4,16	0,52	-	-	0,35	0,42	-	-	1,04	0,99

. 2, t 2,04. , -

*Raphanus sativus var. Radicula,*

(t = 4,16).



. 2.

