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**study of 1,2,3-selenodiazolyl-4-UreaS as plant systemic resistance inductors \***

**Keywords:** elicitors, systemic acquired resistance, inductors of SAR, 1,2,3-selenodiazole.

A large loss of cropping agricultural plants is mainly associated with fungal and bacterial diseases plants. Viral diseases of plants are commonly widely, but at the same time are more dangerous. This is due to the fact that viruses completely affect the vascular system of plants and effective pesticides for their treatment practically do not exist [1].

We have been obtained structural analogues of synthetic activators of SAR, Thiadinyl and methiadinyl, 1,2,3-selenodiazolylurea derivatives **1 a-m** using the method developed by us earlier [2].



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**1k 1l TDL water**

Figure 1. Tobacco leaves treated with **1k**, **1l**, **TDL and** water

Continued text of the published material ... (Table 1).

Table 1

Properties of samples

|  |  |
| --- | --- |
| Properties | Samples |
| Sample №1 | Sample №2 | Sample №3 |
| Length of the sample, сm | 55 | 66 | 77 |
| Elongation, mm | 12 | 23 | 34 |

Thus, during the experiment ...

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