

SITRUS MEVALI O‘SIMLIKLARNING YASHIL QALAMCHALARINI ILDIZ OTUVCHANLIGI VA KO‘CHATINI RIVOJLANISHIGA O‘SISHNI BOSHQARUVCHI MODDALARNING TA‘SIRI

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ANNOTATSIYA

Maqolada sitrus mevali o‘simliklarni yashil qalamchalarini ildiz otishiga o‘shni boshqaruvchi moddalarni ta‘siri bo‘yicha ilmiy asoslangan ma‘lumotlar keltirilgan.

Sitrus mevali o‘simliklardan limonni yashil qalamchalarini ildiz otuvchanligiga o‘shni boshqaruvchi moddalarni ta‘siri ilmiy-tadqiqotlarda o‘rganilganda yashil qalamchalarni ildiz otuvchanligi nazorat variantida 82,3% bo‘lganligi kuzatilgan bo‘lsa, ISK-50 mg/l va IMK-25 mg/l eritmalarida ishlov berilgan variantlarida esa eng yuqori ko‘rsatkich limonning Tashkent navida 95,3% va 91,0% bo‘lganligi aniqlandi.

Apel‘sinning Gamlin navini yashil qalamchalarini ISK-100 mg/l va IMK-50 mg/l eritmalarida ishlov berilganda qalamchalarni ildiz otuvchanligi nazorat variantiga nisbatan 31% va 27% yuqori ko‘rsatkichga ega bo‘lganligi aniqlandi.

Kalit so‘zlar: sitrus, limon, apel‘sin, nav, yashil qalamcha, IMK, ISK, eritma, substrat, kallus, ildiz, rivojlanish, ko‘chat.

INFLUENCE OF GROWTH REGULATORS ON THE DEVELOPMENT OF CITRUS SEEDLINGS GROWING FROM GREEN SHEARS

ABSTRACT

The scientific article provides experimental material devoted to the study of the influence of growth substances on the rhizogenesis of green cuttings of citrus crops and the development of seedlings.

Studies have shown the high efficiency of such growth substances as

indolylbutyric and indoleacetic acids. So, if in the control variant of growing lemon seedlings from green cuttings (without IAA and BCI treatment), the quality of rooting of green cuttings was 82.3%, then when IAA (50 mg/l of water) was used, this indicator increased to 91.0%, BCI (mg/l. water) up to 95.3%.

When growing orange seedlings of the Gamlin variety from green cuttings using BCI at a dose of 50 mg / L of water, rooting rate of cuttings was 31%, IAA (100 mg / L of water), respectively, 27%.

Keywords: Citrus, lemon, orange, stock, cutting, indolylbutyric acid, indoleacetic acid, solution, substrate, callus, root, developed, seedling.