

## **Inovatīvu Baltā vītola-daudzgadīgo zālaugu agromežsaimniecības sistēmu ierīkošana ar koksnes pelnu un mazāk pieprasīto kūdras frakciju maisījumiem ielabotās marginālās minerālaugsnēs**

Programma "Izaugsme un nodarbinātība" specifiskais atbalsta mērķis 1.1.1. "Palielināt Latvijas zinātnisko institūciju pētniecisko un inovatīvo kapacitāti un spēju piesaistīt ārējo finansējumu, ieguldot cilvēkresursos un infrastruktūrā" pasākums 1.1.1.1. "Praktiskas ievirzes pētījumi", 3. kārtā Nr. 1.1.1.1/19/A/112

II pārskata periodā uzsākti un paveiktie darbi

Publicitātes aktivitātes:

pieteikts ziņojums par Baltajiem vītoliem agro mežsaimniecības sistēmās un silvopastorālās sistēmās ar lakstaugiem. Konference - 5th European Agroforestry, apstiprināt stenda referāts un mutisks ziņojums. Konference, notiks 2021.gada 15.-17. maijā.

LVMI Silava zinātnieki apseko iepriekšējo pētījumu ietvaros ierīkotos izmēģinājumu objektus, veido empīrisko datu bāzi jaunu zinātnisko atziņu iegūšanai.

Ievākts veģetatīvais materiāls pilot izmēģinājumu ierīkošanai. Sagādātas dažādas kūdras frakcijas un koksnes pelni mini eksperimenta iekārtošanai. Ievāktai augsnes paraugi eksperimentālajā lauka, uzsāktas augsnes un substrāta ķīmiskās analīzes.

No jauna piesaistītais zinātniskais personāls strādā ar zinātnisko literatūru – apkopo par doto tematu publicētās zinātniskās atziņas par Balto vītolu, kokaugu audzēšanas substrātiem un augsnes ielabošanu ar organiskajām un minerālvielām:

Pelnu pielietošana kārklu stādījumu mēslošanai dažādos augšņu tipos:

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Notekūdeņu dūņas, notekūdeņi:

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Izgāztuvju notekūdeņi un komposta ūdeņi( landfill leachate and compost wastewater)

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Izveidots eksperimentālā stādījuma izvietojumu uzmetums – karte pielikumā.



22.03.2021.

