ᓄᓇᕗᒻᒥ ᖃᐅᔨᓴᖅᑎᑐᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᓂᕐᒧᑦ ᓚᐃᓴᓐᓯ: ᐊᕐᕌᒍᑕᒫᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ ᐅᓂᒃᑳᑦ

ᐱᓕᕆᐊᖅ ᐊᑎᖓ: ᐊᑦᑐᖅᑕᐅᔪᑦ ᓯᓚᒃᑯᑦ ᓱᕈᓐᓇᖅᑐᓄᑦ ᓄᓇᒥ ᐊᒻᒪ ᐃᒪᕐᒥ ᐊᕙᑎᖏᓐᓂ

ᕿᑭᖅᑖᓗᑉ ᓂᒋᖓᓂ

ᖃᐅᔨᓴᓂᕐᒧᑦ ᐅᓪᓗᖏᑦ: ᐱᖓᓱᓂᑦ ᑎᓴᒪᓄᑦ ᐱᓇᓱᐊᕈᓰᑦ ᐊᕐᕌᒍᑕᒫᑦ ᐊᐅᔭᒃᑯᑦ (2022–2025)

ᖃᐅᔨᖅᑦ ᐊᑎᖏᑦ ᐊᒻᒪ ᐱᓕᕆᖃᑎᖏᑦ:

ᖃᐅᔨᓴᖅᑎᓪᓗᐊᑕᖅ: Dr. ᔪᓕᐊᓐ ᐊᕼᐅᓐ, ᑐᕆᐊᓐᑦ ᓯᓚᑦᑐᓴᕐᕕᒃᔪᐊᖅ
ᖃᐅᔨᓴᖅᑏᑦ: ᑲᐃᓚ ᕕᐅᑭᓐ, ᑐᕆᐊᓐᑦ ᓯᓚᑦᑐᓴᕐᕕᒃᔪᐊᖅ

ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ ᐅᓂᒃᑳᑦ 2023-ᒥ ᖃᐅᔨᓴᕐᓇᒥ (ᓈᓴᐅᑎᖓ 01 015 23R-M):

ᖃᐅᔨᓴᕐᕕᒻᒥ ᐃᓚᒋᔭᐅᔪᑦ: ᑲᐃᓚ ᕗᐃᑭᓐ ᐊᒻᒪ ᑭᐊᓕ ᐃᐊᕙᓐᔅ, ᑐᕆᐊᓐᑦ ᓯᓚᑦᑐᓴᕐᕕᒃᔪᐊᖅ

ᐱᔾᔪᑎᒋᔭᖓ ᑖᔅᓱᒧᖓ ᑎᓴᒪᓄᑦ ᐊᕐᕌᒍᓄᑦ ᐱᓕᕆᐊᖅ (2022–2025) ᖃᐅᔨᓴᕐᓗᑎ ᐊᑦᑐᖅᑕᐅᔪᓂᑦ ᓯᓚᒃᑯᑦ ᓱᕈᓐᓇᖅᑐᓄᑦ ᐃᒪᖓᓂ ᐊᒻᒪ ᓄᓇᖓᓂ ᐊᕙᑎᖏᓐᓄᑦ ᐃᖃᓗᐃᑦ ᖃᓂᒋᔭᖓᓂ ᕿᑭᖅᑖᓗᒻᒥ.

ᔪᒪᐃᒥ ᐊᒻᒪ ᐋᒡᒋᓯᒥ 2023, ᐃᒦᑦ ᖃᐅᔨᓴᕋᔅᓴᐃᑦ (<250 mL) ᓄᐊᑕᐅᓚᐅᖅᑐᑦ ᐊᕙᑎᓂᑦ ᑕᓯᕐᓂᑦ ᐱᕕᒋᔭᐅᔪᓂᑦ ᐃᒪᖏᓐᓂ (ᑕᓰᑦ ᖃᐅᔨᓴᖅᑕᐅᖃᑦᑕᖅᓯᒪᔪᑦ 2016−ᒥᓂᑦ) ᐊᒻᒪ ᖃᐅᔨᓴᖅᑕᐅᓪᓗᑎ ᒥᑭᔫᑎᕋᓛᓂ ᐊᐅᑦᑕᔫᓂ ᐃᓗᓕᖏᓐᓂ ᐊᒻᒪ ᖃᐅᔨᔾᔪᑎᒋᔪᓐᓇᖅᑕᖏᓐᓂ. ᐃᔾᔪᐃᑦ (Hylocomium splendens) ᖃᐅᔨᓴᕋᔅᓴᐃᑦ (1 g) ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᒥᔪᑦ ᒥᑭᔫᑎᕋᓛᓂ ᐊᐅᑦᑕᔫᓂ, ᐊᒻᒪ ᐃᓚᒋᔭᖏᑦ ᐊᖏᓂᖅᓴᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᒥᔪᑦ ᖃᐅᔨᔭᔅᓴᐅᔪᓂᑦ ᐊᒻᒪ nitrogen ᐃᓗᓕᖏᓐᓂ. ᐱᕈᖅᑐᐃᑦ ᐊᔾᔨᒋᖏᑦᑐᑦ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᐱᕈᖅᑐᒃᑯᕕᒻᒨᕈᔾᔭᐅᓚᐅᖅᑐᑦ (ᓴᖅᑭᖅᑎᑕᐅᔪᖅ ᔪᓚᐃ 2022) ᐊᒻᒪ ᑐᖏᓕᖓ nitrogen ᐋᖅᑭᒋᐊᖅᑕᐅᓂᖓ (2022−ᒥᓂᑦ) ᐱᓕᕿᐊᖑᓚᐅᖅᑐᑦ. ᐱᕈᖅᑐᐃᑦ ᓄᓇᒦᑦᑐᖏᑦ ᖃᓄᐃᓐᖑᑎᑦᑎᔪᑎ (PRS) ᐋᖅᑭᑦᑕᐅᓚᐅᖅᑐᑦ ᐃᓂᒋᔭᐅᔪᓂᑦ ᖃᐅᔨᓴᖅᑐᑎ ᐱᕈᖅᑐᓄᑦ ᐊᑐᐃᓐᓇᐅᓂᖏᓐᓄᑦ ᐊᐃᐋᓐ ᓄᓇᖓᓂ. ᓯᒪᖓᓄ ᖃᐅᔨᓴᐅᑎᑦ ᐋᖅᑭᑦᑕᐅᓚᐅᕐᒥᔪᑦ ᑭᓪᓕᖓᒍᑦ ᓄᓇᕗᑦ ᐊᕙᑎᖓᓂ ᓯᓚᖓᓄ ᖃᐅᔨᓴᖃᑦᑕᖅᑐᓂᑦ ᓱᓇᒃᑯᑖᓂ ᓄᓇᕗᒻᒥ ᖃᐅᔨᓴᖅᑐᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᕐᕕᖓᓂ ᐃᓪᓘᑉ ᖁᓛᓂ ᒥᔅᓴᐅᓴᑦᑕᐅᓗᑎ ᓄᖑᑎᖃᑦᑕᕐᓂᖏᓐᓄᑦ ᐲᖅᑕᐅᔪᓂᑦ nitrogen-ᐃᓗᓕᖃᖅᑐᑦ ᓄᓇᖓᓂ.

ᖃᓄᐃᓐᓂᕆᒋᐊᓐᖓᖅᑕᖏᑦ ᑕᕝᕙᓂ ᑲᔪᓯᓂᖃᖅᐸᓪᓕᐊᔪᒥᑦ ᐱᓕᕆᐊᒥᑦ ᓇᓗᓇᐃᖅᓯᔪᑦ ᑖᒃᑯᐊ ᒥᑭᔫᑎᕋᓛᑦ ᐊᐅᑦᑕᔫᑦ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᒪᓕᓐᓂᖃᖅᑐᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᒥ ᐊᓯᔾᔨᖃᑦᑕᖅᑐᓂ ᐊᒻᒪ ᐱᐅᓛᖑᓪᓗᓂ ᐱᓐᓇᖓᓂ ᑕᓯᕐᒥ ᐃᒥᖓᓂ ᐱᔭᐅᔪᓂᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᒥᑦ. ᐱᒋᐊᕐᓂᖏᓐᓄ ᐱᕈᖅᑐᑦ ᐊᔾᔨᒌᖏᑦᑐᑦ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᓈᓴᖅᑕᐅᔪᑦ ᑕᑯᔅᓴᐅᑎᑦᑎᔪᑦ ᐱᕈᖅᑐᐃᑦ ᐱᑕᖃᓛᖑᓪᓗᑎ ᑭᒍᑕᖏᕐᓇᐃᑦ, ᐸᐅᕐᖓᐃᑦ, ᐊᒻᒪ ᐃᔾᔪᐃᑦ ᐊᒻᒪ ᑎᖏᐅᔭᐃᑦ. ᑭᖑᓂᐊᒍᑦ

ᑭᖑᓪᓕᖅᐹᒥ ᐊᕐᕌᒍᖓᓂ nitrogen ᐋᖅᑭᒋᐊᖅᑕᐅᔪᑦ (2025), ᐊᓯᔾᔨᖅᑐᑦ ᐆᒪᒧᐃᑦ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ, ᓄᓇᖓ nitrogen−ᖃᕐᓂᖓt, ᐊᒻᒪ foliar nitrogen ᐃᓗᓕᖏᓐᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖅᑐᑦ ᐊᔾᔨᒌᓐᖑᐊᖅᑎᑕᐅᓗᑎ
ᓴᓗᒻᒪᓴᖅᓯᒪᔪᓂᑦ ᐊᒻᒪ ᐊᐅᓚᑕᐅᔪᓂᑦ ᐱᕈᖅᑐᒃᑯᕕᓐᓂ. ᖃᓄᐃᓐᓂᕆᔭᖏᑦ ᖃᐅᔨᓴᓂᕐᒧᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓂᐊᖅᑐᑦ

ᐃᕐᖏᓐᓈᕈᑎᒃᑯᑦ ᖃᕋᓴᐅᔭᒃᑯᑦ ᑐᑭᓯᒋᐊᕈᑎᓂᑦ ᑐᖅᑯᖅᑕᐅᓯᒪᔪᓂᑦ, ᐱᖃᓯᐅᑎᓪᓗᑎ ᐅᑭᐅᑕᖅᑐᒥ ᑐᑭᓯᒋᐊᕈᑏᑦ ᑐᖅᑯᖅᑕᐅᓯᒪᔪᑦ.

ᑐᔅᓯᕋᐅᑦ 2024 ᖃᐅᔨᓴᓂᕐᒧᑦ ᐊᕐᕌᒍᖓᓂ

ᖃᐅᔨᓴᖅᑏᑦ: ᑲᐃᓚ ᕕᐅᑭᓐ ᐊᒻᒪ ᐃᑲᑐᕆᓇ ᐸᐸᑎᐅᑐᕈ, ᑐᕆᐊᓐᑦ ᓯᓚᑦᑐᓴᕐᕕᒃᔪᐊᖅ

2024−ᒥ ᖃᐅᔨᓴᕐᓇᒥ ᐊᕐᕌᒍᖓᓂ, ᐸᕐᓇᓯᒪᔪᒍᑦ ᒪᕐᕈᐊᑎᕐᓗᑕ ᐊᐅᓪᓚᕐᓗᑕ ᐃᖃᓗᓐᓄᑦ ᖃᓂᒋᔭᖓᓄᓪᓗ. ᓯᕗᓪᓕᖅᐹᖓᓂ ᐊᐅᓪᓚᕐᓂᐅᔪᒥᑦ (ᔪᓚᐃ 2–11, 2024), ᐅᐸᒃᑲᓂᓐᓂᐊᖅᑕᐅᕗᑦ ᐱᕈᖅᑐᖃᕐᕕᐅᔪᑦ ᐱᕈᖅᑐᓂᑦ ᐊᔾᔨᒌᖏᑦᑐᓂᑦ ᓈᓴᐃᒃᑲᓂᕐᓗᑎ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᐊᒻᒪ ᐋᖅᑭᔅᓯᓗᑎ PRS ᖃᐅᔨᓴᐅᑎᓂᑦ, ᐊᒻᒪᓗᑦᑕᐅᖅ ᑕᐃᒫᔅᓴᐃᓈᕐᓗᑎ nitrogen ᐋᖅᑭᒋᐊᖅᑕᐅᔪᓂᑦ. ᐊᓯᔾᔨᓂᐊᕐᒥᔭᕗᑦᑕᐅᖅ ᓯᓚᖓᓄ ᖃᐅᔨᓴᐅᑏᑦ ᐅᑭᐅᒧᑦ. ᐃᒪᖓᓂ
ᖃᐅᔨᓴᕋᔅᓴᐃᑦ ᓄᐊᑕᐅᔪᓐᓇᓂᐊᖅᑐᑦ ᐊᕙᑎᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᓂᑦ ᑕᓯᕐᓂᑦ ᐱᕕᔅᓴᖃᕐᓂᕈᑎ.