ESPC 2017 - Regina (Saskatchewan)

Kyra Taylor

Hydroponic Forage: A Feasible Equine Feed Alternative

Défi: Découverte
Catégorie: Intermédiaire
Région: 4-H Canada
Ville: Montney, BC
École: North Peace Secondary
Sommaire: Using NIR test analysis techniques, I tested the top four hydroponic grown seed sprouts from my previous study for their nutritional value. I then analyzed the data to determine if the sprouts were nutritionally balanced for a variety of equines types as a full ration option thus providing a feed option for horses with respiratory issues caused by airborne allergens found in equine forage.

Biographie
I am a grade ten student at the ELC (Energetic Learning Campus) in Fort St John, BC. I have had a love for science for as long as I can remember. My project topic that I am pursuing this year is the continuation of my project last year. Being a 4H member is what led me to my project topic. I am a horse owner and I constantly have to pay attention to the feed rations I am giving my horses so this project that I am working on will hopefully provide a more naturally balanced feed ration for other horse owners using a hydroponic forage system. What I believe that has led to my joy when working on my project is the fact that I chose a topic that is close to my heart and is something that I am interested in and can be used in the real world. With my projects topic, there are many different areas I can focus on for many different reasons. in the past two years I have only scratched the surface of the possibility's this project offers and I plan on studying the possibility's that are yet to come in following years.

Prix	Valeur
Prix d'excellence - Intermédiaire - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaillé de bronze - Bourse d'admission de 1 000 $ Commanditaire: Université Western	1 000,00 $
Total	1 000,00 $