

Wilke

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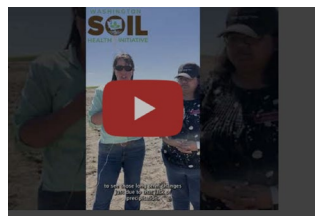
An Addition to the Wilke Farm

The [Dryland LTARE](#) will officially begin on July 1, 2023. However, we were able to make significant progress before the start date. Our activities include hiring key personnel, building infrastructure, performing baseline soil sampling, and initiating the soil health trial. Dr. Shikha Singh joined the project on April 3, 2023 and has been working on all aspects of the project.

We have also built the fence and additional infrastructure for the livestock integration treatments. On June 14, 2023, baseline soil samples were collected from the new soil health trial. All soil samples were collected using Giddings hydraulic soil probe with

sampling depths 0-15, 15-30, 30-60, 60-90 and 90-120 cm.

Directly following sample collection, the multi-function crop mix plots were planted (see Figure 1). This mix includes proso millet, Horizon Spring forage peas, forage barley, blackoil sunflowers, and purple top turnip. The soil samples collected are pending analyses.



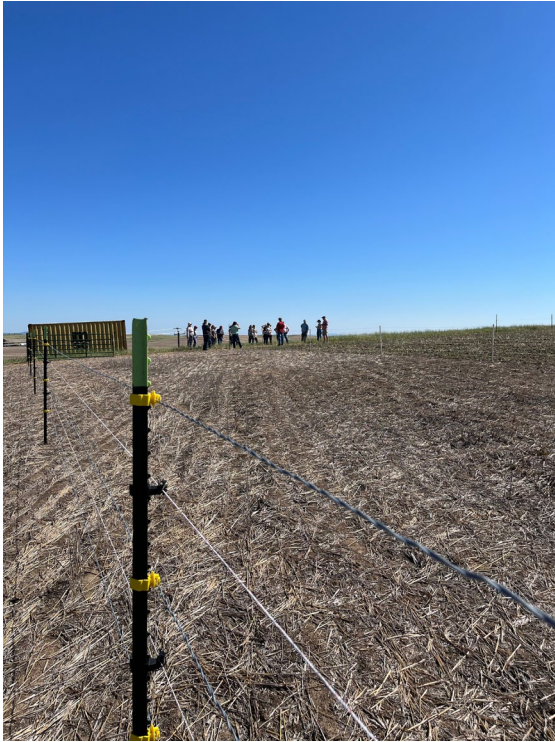
Video

See why researchers are jazzed about the establishment of the Wilke LTARE site.

[Watch on WaSHI's YouTube channel](#)

CSANR advisory team members visiting the newly established LTARE site at the WSU Wilke Farm.





A Big Audience

We presented our initial activities at the Wilke Farm Field Day on June 29, 2023, and the CSANR Summer Advisory Committee meeting on June 30, 2023, which was also held at the Wilke Farm. Attendance for the Wilke Farm Field Day is usually over 100 participants.

Researchers carefully built fence to ensure the safety of cattle and highway drivers.

Another set of soil samples were collected from the existing long-term rotations at the Wilke Research and Extension Farm as well as the neighboring grower's field for a suite of soil health parameters analyses.

This LTARE takes advantage of the long-term (25 year) crop rotations and various management practices that occur on each individual field. In addition to that, weed seed bank sampling was also conducted in these long-term fields. The soil samples are pending analyses.

On June 14th, 2023, the multi-function crop was planted.



Baseline soil samples were collected down to 120 cm.