



2021 RAINMAKER FARM PHOTO MONITORING REPORT

2021

RAINMAKER FARM PHOTO MONITORING



PREPARED AND PRESENTED BY

AVIVA ROSSI

INTRODUCTION

This is the first year of Rainmaker Farm conversion to regenerative agricultural practices and diverse crops. We are documenting the transition through monitoring the changes to the soil chemistry, vegetation composition, and landscape. This report documents the initial conditions at the farm visually, when it was traditionally farmed for tilled wheat. These photos were taken shortly before the summer harvest.

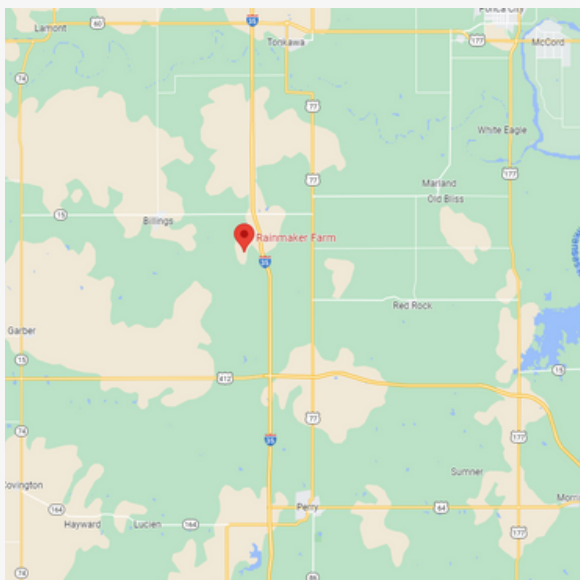
“WHEN WORDS BECOME UNCLEAR, I SHALL FOCUS WITH PHOTOGRAPHS.”

– ANSEL ADAMS

METHODOLOGY

The farm has been dived into 100m sampling areas (Figure 1), which cover all 160 acres of the parcel. Photo Stations were established at the northwest corner of 100m sampling areas from east to west, separated by the next sampling transect to the north or south by 200m. At each Photo Station a photo was taken of a whiteboard with the sampling area ID, the GPS coordinates, and the date (See Figure 2 for example). Then an image was taking facing each cardinal direction, starting with North, proceeding to East, South, then West. Each photo series was completed with an image taken straight down at the location of the Photo Station. This final image was taken from 4-6' above the ground and captures the ground and any vegetative cover within a ½m square quadrat. Photos were taken between June 4-6, 2021. Photo monitoring images are available in Attachment A. Original field datasheets are provided in Attachment B.

THE GULCH FARM PROJECT AREA MAP



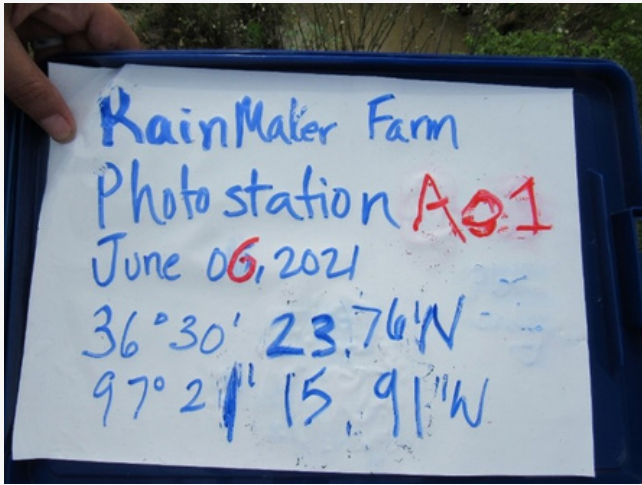
LEGEND

-  Sampling Grid - 100m
-  Gulch Boundary
-  Gulch Farm Location

ATTACHMENT A:

PHOTO MONITORING PHOTOGRAPHS

Photostation A01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation B01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation C01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation D01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation E01 – June 06, 2021



White board



Plot



North



East

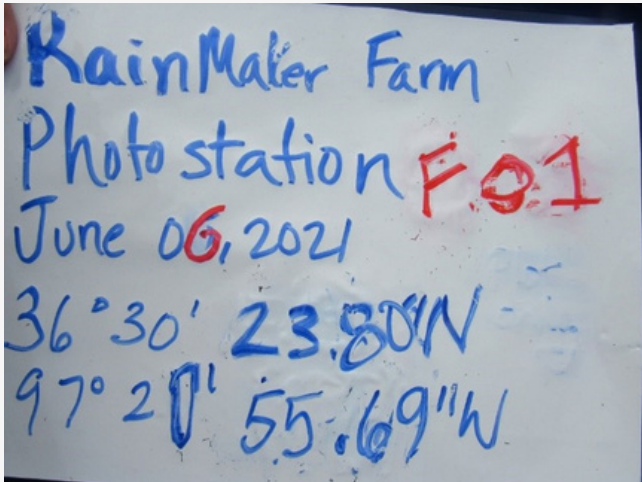


South



West

Photostation F01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation G01 – June 06, 2021



White board



Plot



North



East

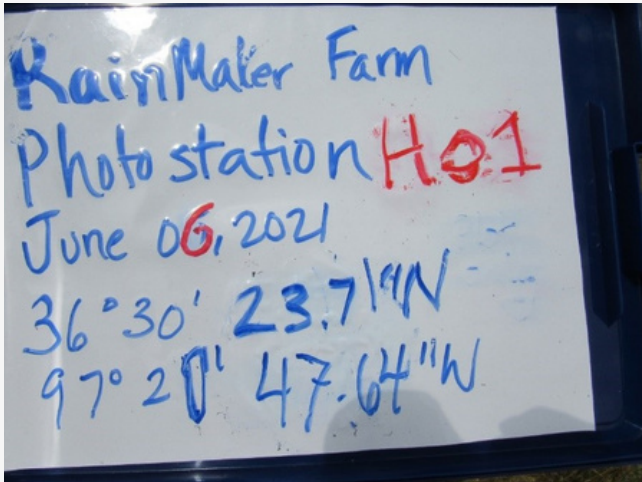


South



West

Photostation H01 – June 06, 2021



White board



Plot



North



East

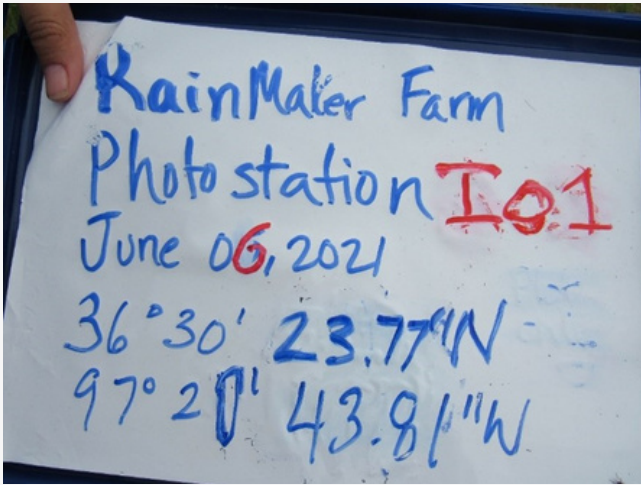


South



West

Photostation I01 – June 06, 2021



White board



Plot



North



East



South



West

Photostation A03 – June 05, 2021



White board



Plot



North



East



South



West

Photostation B03 – June 05, 2021



White board



Plot



North



East

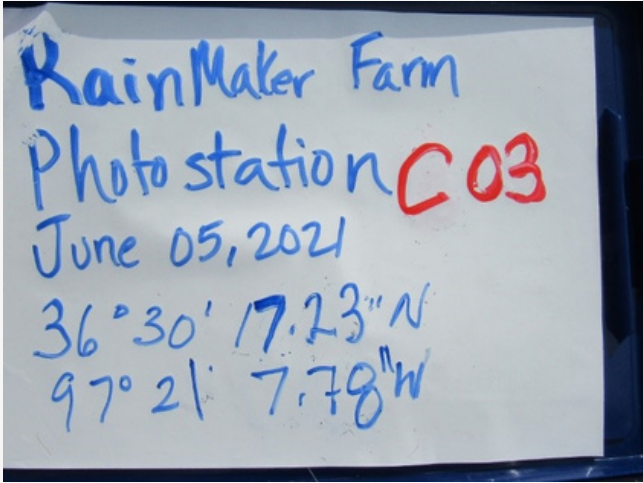


South



West

Photostation C03 – June 05, 2021



White board



Plot



North



East

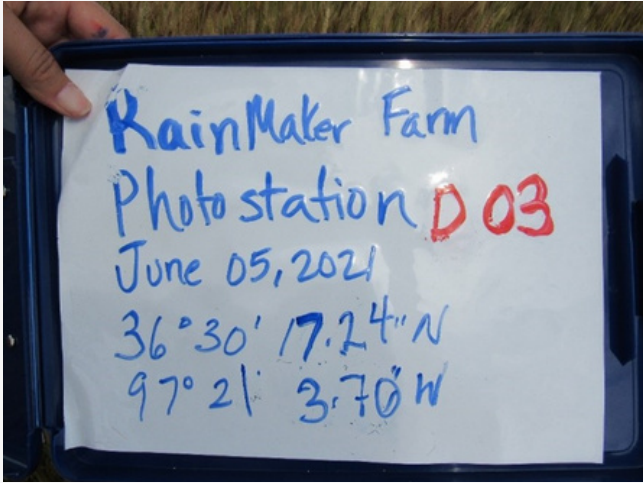


South

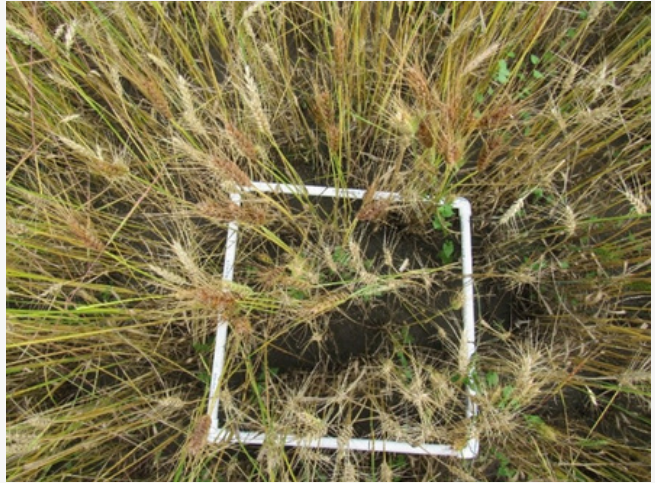


West

Photostation D03 – June 05, 2021



White board



Plot



North



East



South



West

Photostation E03 – June 05, 2021



White board



Plot



North



East



South



West

Photostation F03 – June 05, 2021



White board



Plot



North



East



South



West

Photostation G03 – June 05, 2021



White board



Plot



North



East



South

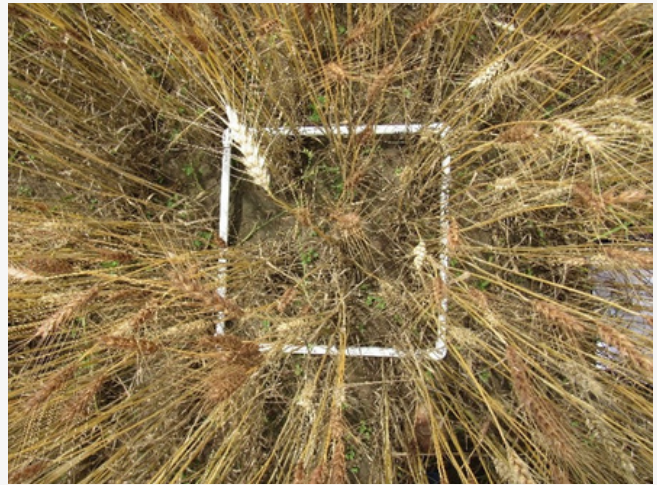


West

Photostation H03 – June 05, 2021



White board



Plot



North



East



South

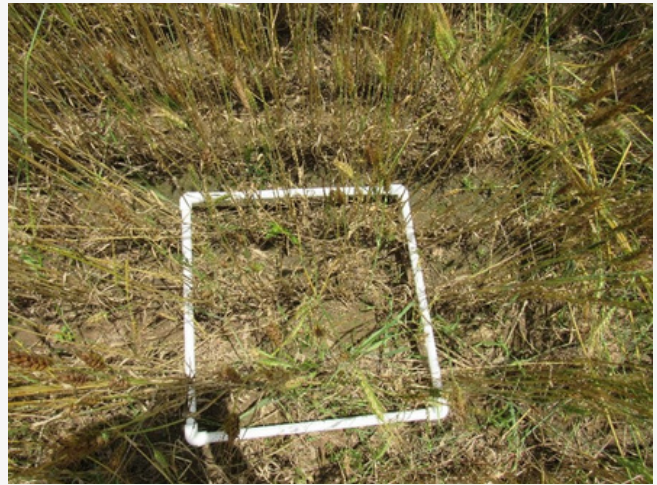


West

Photostation I03 – June 05, 2021



White board



Plot



North



East



South



West

Photostation A05 – June 05, 2021



White board



Plot



North



East

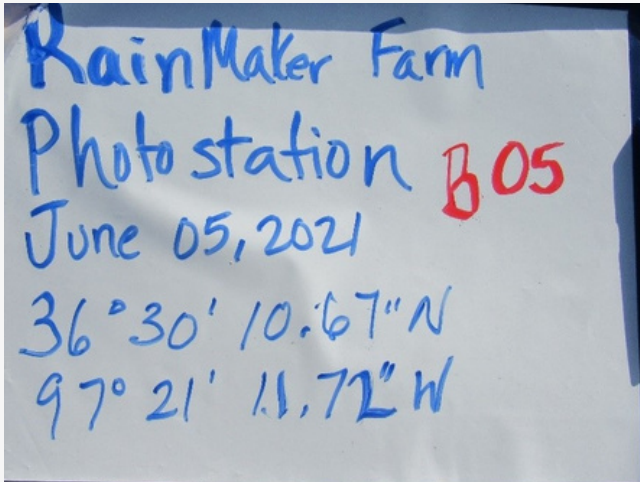


South



West

Photostation B05 – June 05, 2021



White board



Plot



North



East

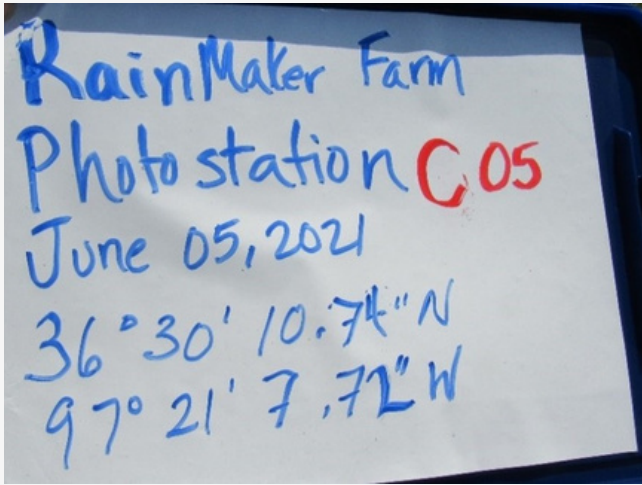


South



West

Photostation C05 – June 05, 2021



White board



Plot



North



East



South

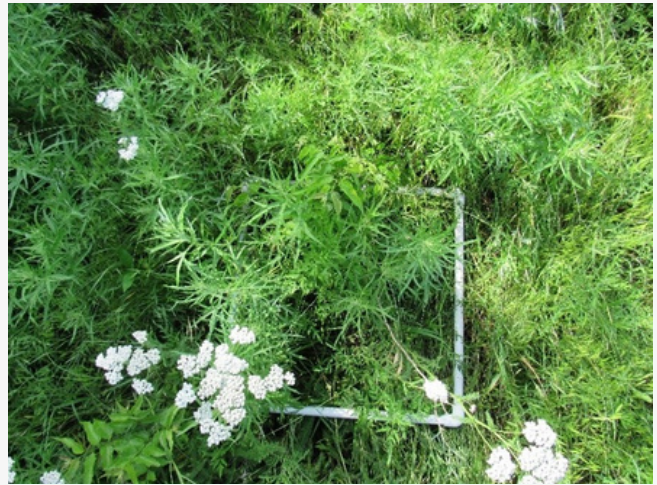


West

Photostation D05 – June 05, 2021



White board



Plot



North



East

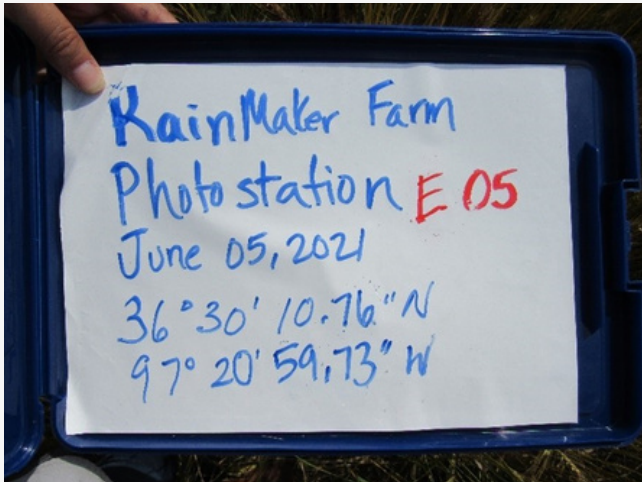


South

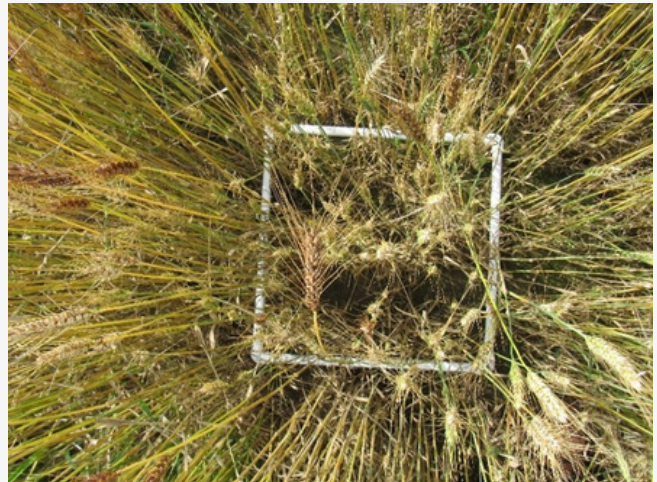


West

Photostation E05 – June 05, 2021



White board



Plot



North



East



South

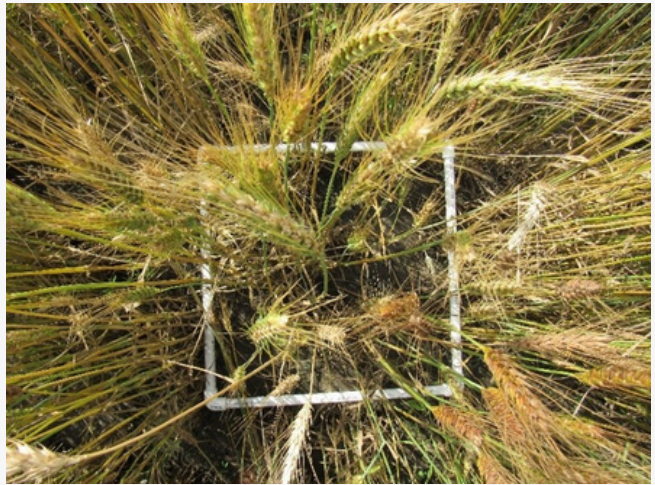


West

Photostation F05 – June 05, 2021



White board



Plot



North



East

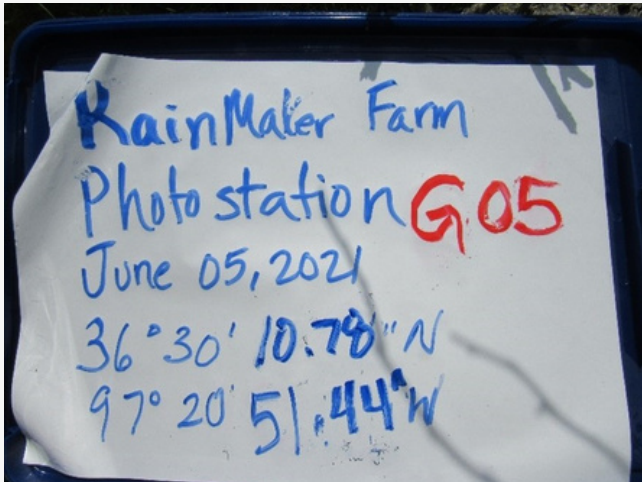


South



West

Photostation G05 – June 05, 2021



White board



Plot



North



East



South



West

Photostation H05 – June 05, 2021



White board



Plot



North



East

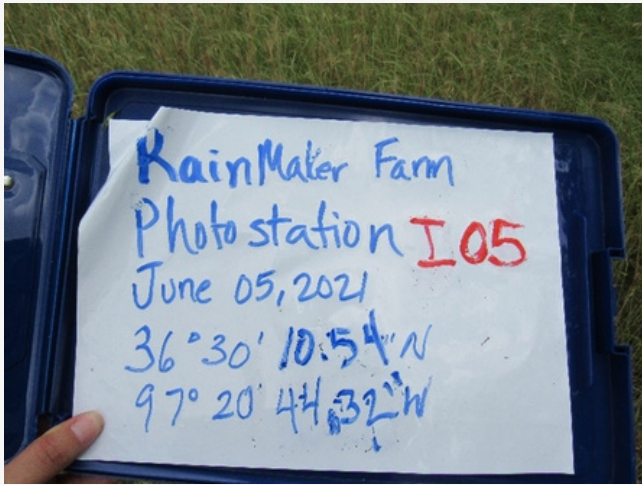


South



West

Photostation I05 – June 05, 2021



White board



Plot



North



East



South

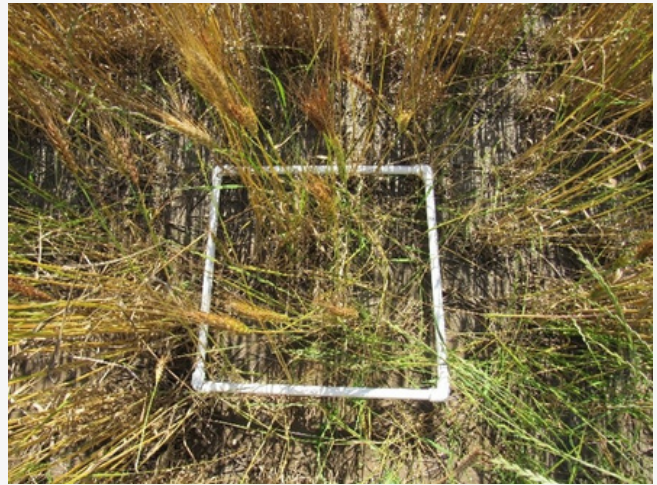


West

Photostation A07 – June 04, 2021



White board



Plot



North



East

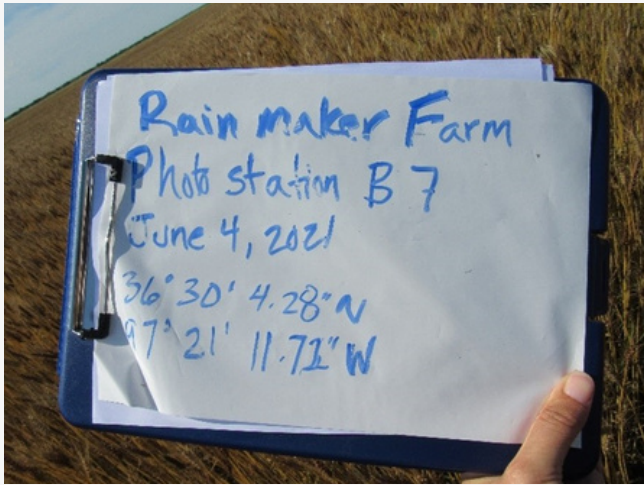


South



West

Photostation B07 – June 04, 2021



White board



Plot



North



East

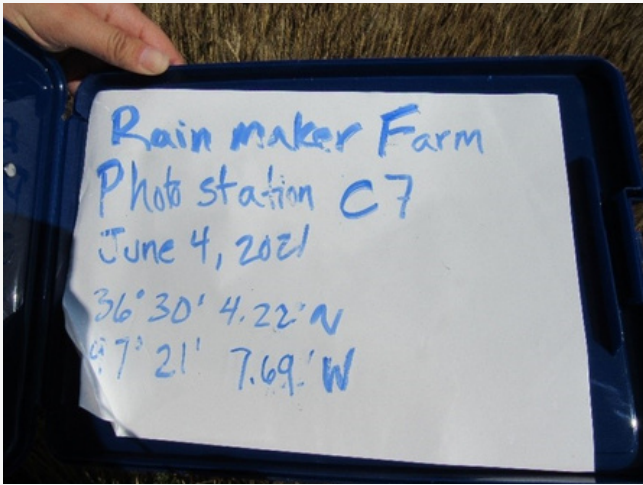


South



West

Photostation C07 – June 04, 2021



White board



Plot



North



East



South



West

Photostation D07 – June 04, 2021



White board



Plot



North



East

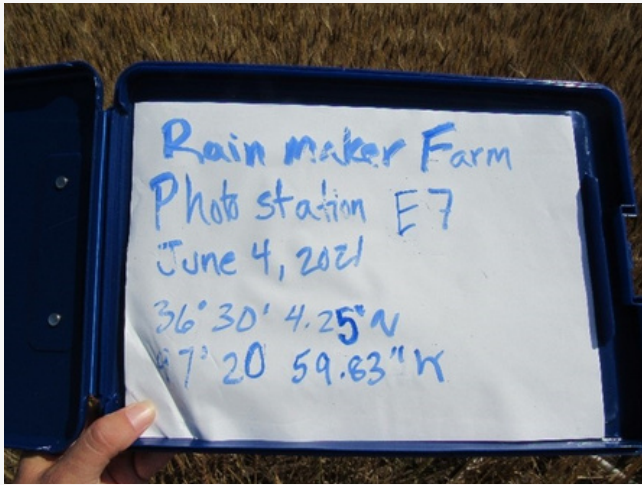


South

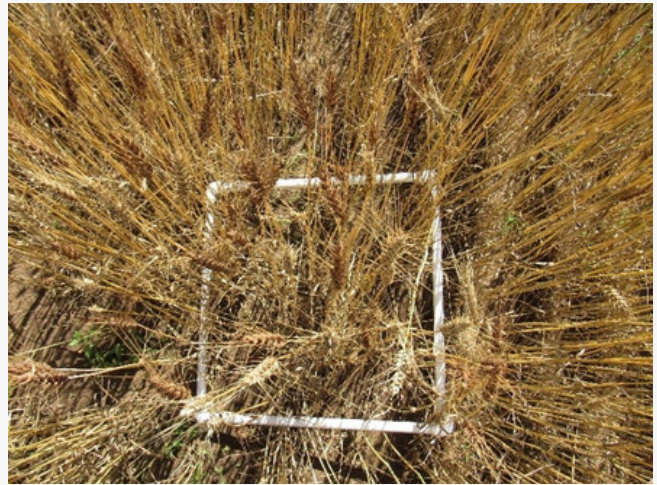


West

Photostation E07 – June 04, 2021



White board



Plot



North



East

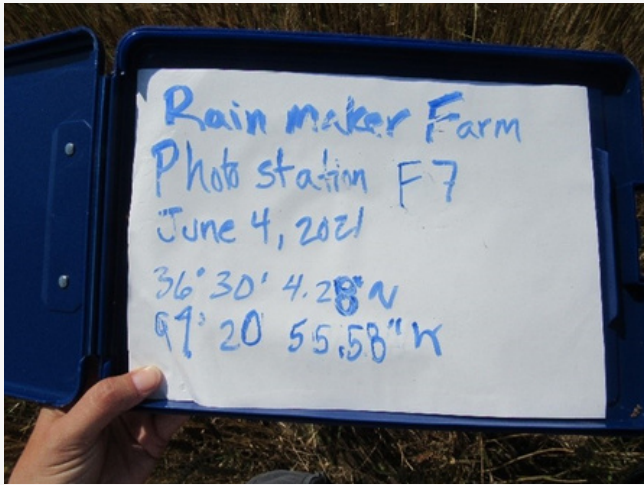


South



West

Photostation F07 – June 04, 2021



White board



Plot



North



East



South



West

Photostation G07 – June 04, 2021



White board



Plot



North



East

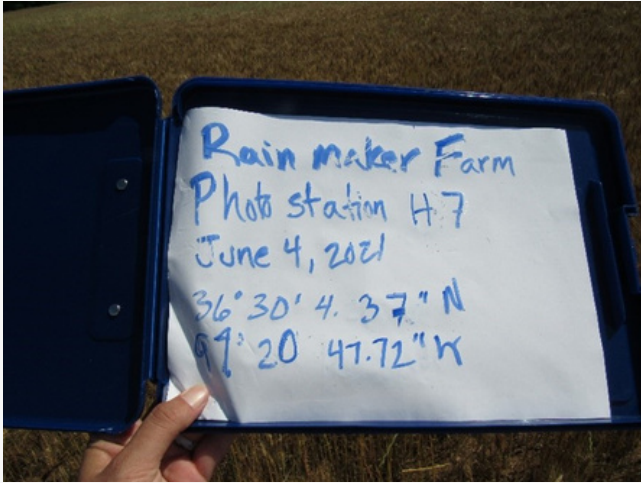


South



West

Photostation H07 – June 04, 2021



White board



Plot



North



East



South



West

Photostation I07 – June 04, 2021



White board



Plot



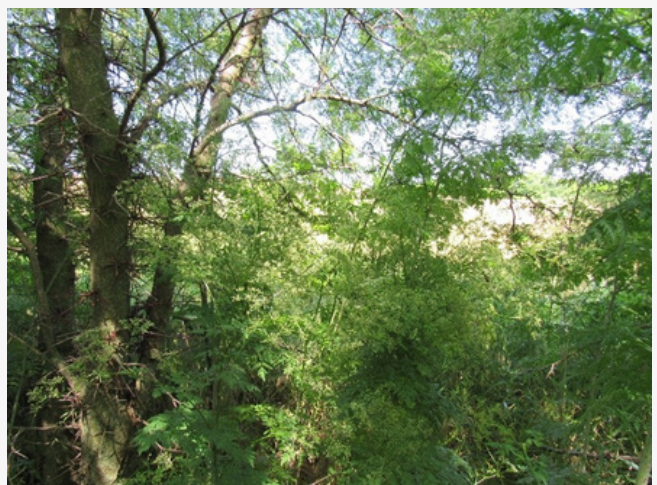
North



East

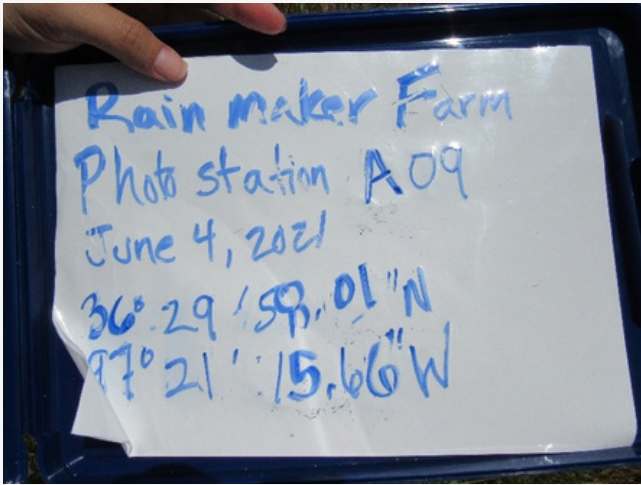


South

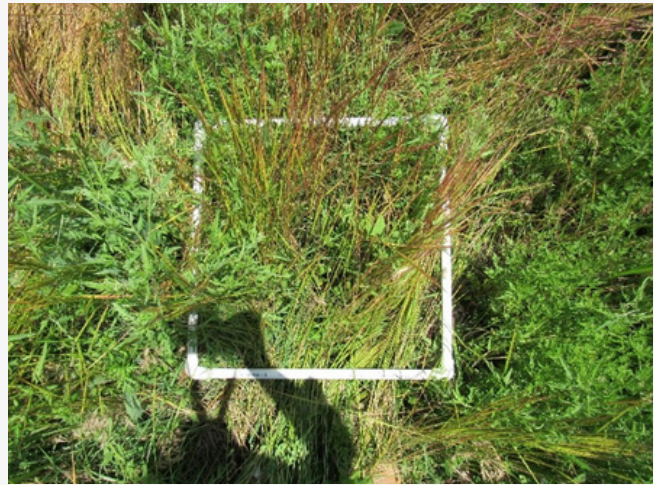


West

Photostation A09 – June 04, 2021



White board



Plot



North



East

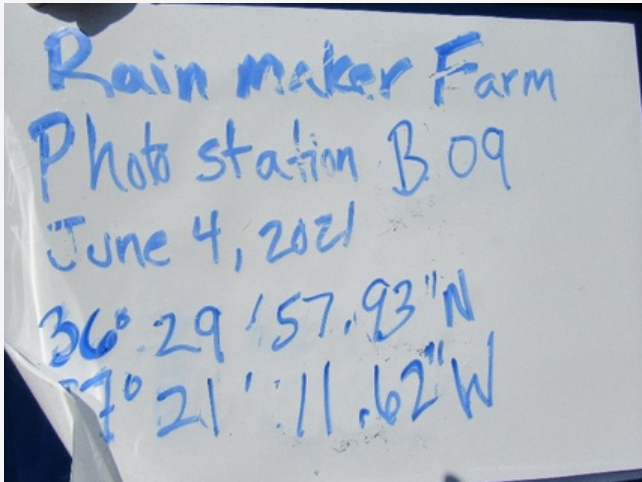


South



West

Photostation B09 – June 04, 2021



White board



Plot



North



East



South



West

Photostation C09 – June 04, 2021



White board



Plot



North



East

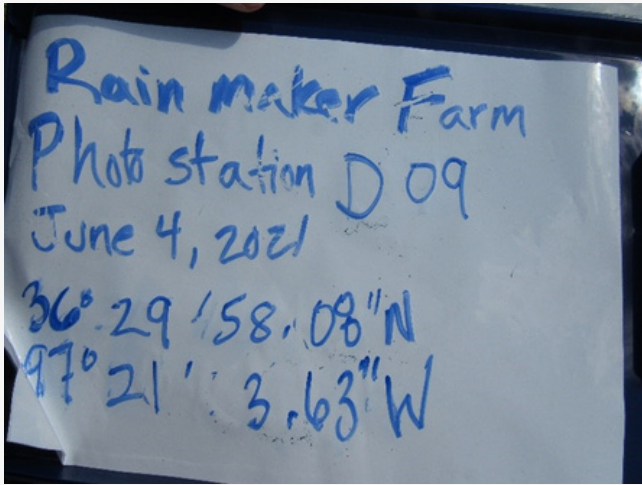


South

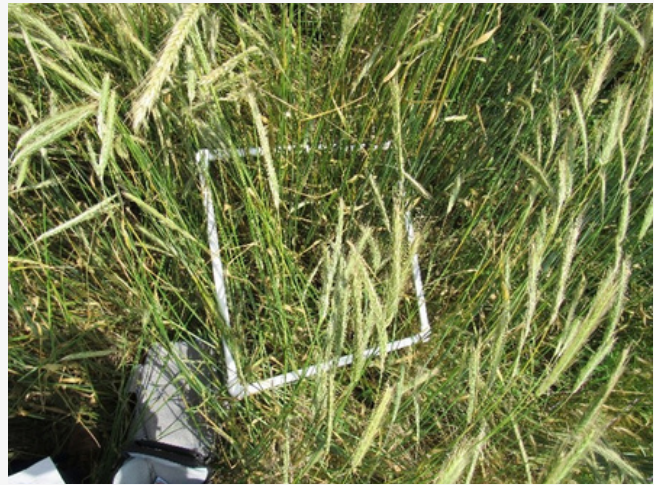


West

Photostation D09 – June 04, 2021



White board



Plot



North



East

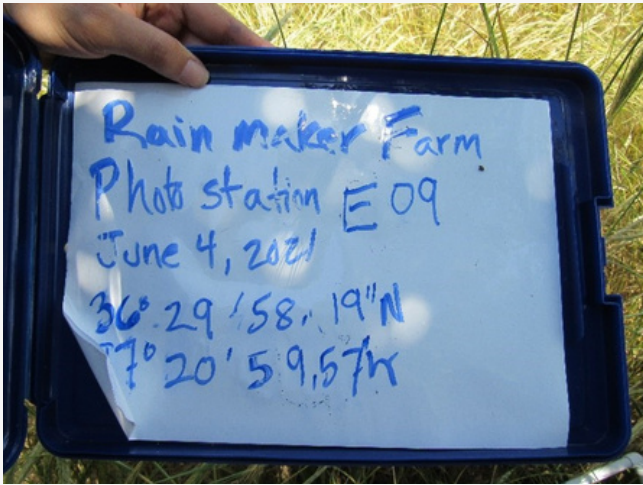


South



West

Photostation E09 – June 04, 2021



White board



Plot



North



East

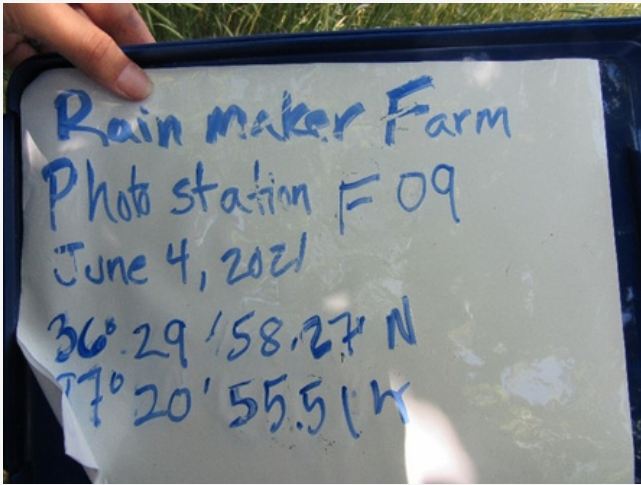


South



West

Photostation F09 – June 04, 2021



White board



Plot



North



East

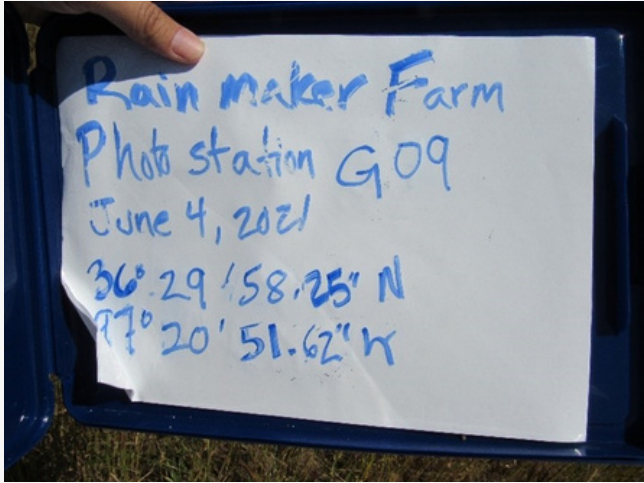


South



West

Photostation G09 – June 04, 2021



White board



Plot



North



East

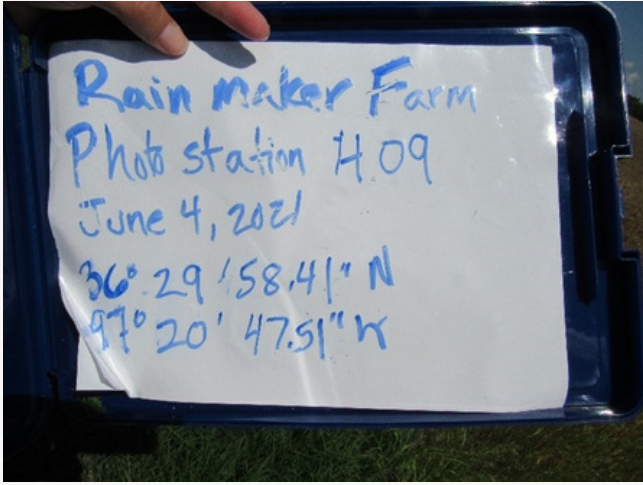


South



West

Photostation H09 – June 04, 2021



White board



Plot



North



East

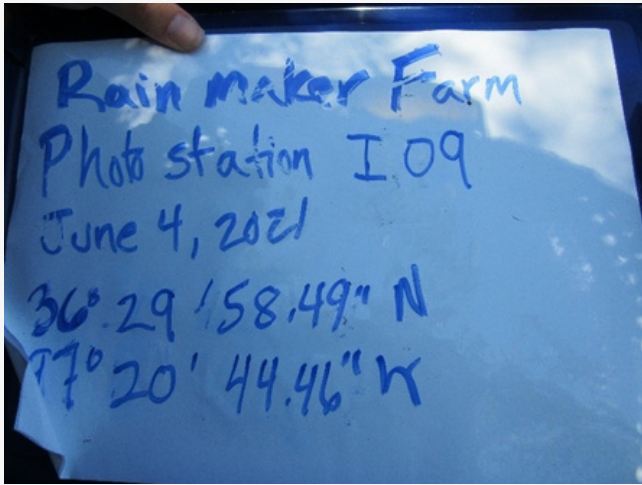


South



West

Photostation I09 – June 04, 2021



White board



Plot



North



East



South



West

ATTACHMENT B:

FIELD DATASHEET SCANS