**2025 FARMER CROP PLAN**

**Farmer name/company name: \_\_\_\_Peter Callen\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_4/23/2025\_\_\_\_\_\_\_\_Updated: 6/5/25\_\_\_**

**Farm location: \_\_\_\_\_Open Space Visitor Center\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Will you be requesting approval for use of pesticides**? **\_\_\_\_\_\_\_\_No\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Field 1 = 2 acres (Wildlife crops/habitat 100%)**

(Common Edge Habitat Field)

Native perennial grass/wildflower meadow, 75% of field

Native trees, shrub and bunchgrass hedgerows, 10% of field

15% of field is still covered with bindweed, but that is an improvement from 100% 7 years ago.

Mob graze with goats in May '25: Completed (6 days, Healthy Soils Grant funded)

Flood irrigation from April 4th to June? depending on snow melt and monsoon rain, every 3 weeks. 4th irrigation completed on 6/1/25 for all fields and wetland.

**Field 2 (Total) = 4 acres (100% wildlife forage/habitat)**

**Field 2 (Red zone)= 1 acre**

No-Till Drill wheat for wildlife, 1 acre in May of 2025, completed, poor germination

Leave mature wheat in field for fall/winter wildlife forage

Flood irrigation Apr. - June? every 3 wks.

**Field 2 (Pink zone)= 1 acre**

No-Till Drill Native perennial grass/wildflower meadow, 1 acre in May 2024: one year on, native grasses have not germinated yet. Native wildflowers increasing.

This native seed mix takes a while to come up, when it does, we will mow and/or graze it to stimulate growth and cycle carbon.

Irrigation same as above

**Field 2 (Green zone) = 1 acre**

 No-Till Drill Peas and Vetch on 1 acre in March 2025: Good germination/growth, also the wheat/rye/barley mix from last year has re-seeded itself and is part of the mix.

Irrigation same as above

**Field 3 = 4 acres (Transition to 100% wildlife forage/habitat as of 6/1/25)**

Mainly still in alfalfa, No-Till Drill Sudan Sorghum/Oat mixture into 1.5 acres at the east end of the field in May '25.

Plan is to mow and shallow till alfalfa in the fall and plant a cool season mixture (Barley and Western Wheat Grass) into it with the no-till drill.

Irrigation same as above

**Field 4 = 4 acres (Transition to 100% wildlife forage/habitat as of 6/1/25)**

Still mainly in alfalfa, no-till drilled the same Sudan Sorghum/Oat mixture into ~ 1.5 acres of the east end of the field in May '25.

Will mow and shallow till alfalfa in the fall and plant a cool season mixture into it (Barley and Western Wheat Grass).

Irrigation same as above.

**Field 5 = 4 acres (Transition to 100% wildlife forage/habitat as of 6/1/25)**

This field is rather weedy with Bindweed and Johnsongrass, and very little alfalfa. Field 5 planted with the same mixture as fields 3 and 4 in May '25.

Good germination of this mixture in all 3 fields planted. The plan is to leave the mature Sudan Sorghum/Oat mixture to stand for wildlife forage in the fall and winter months.

Irrigation same as above.

**2025 Integrated Pest Management**

**Field Number & Acreage/Crop; Identification/Monitoring (pest, disease) Prevention; Management (use of biological, chemical or mechanical)**

**Field 1: 2 acres, native grasses, wildflowers and hedgerows**

**(Common Edge Habitat Field)**

Johnson Grass: Prevention = competition, bio-filters for seed. Management = Mechanical removal, hand digging roots, mowing to deny seed production.

Siberian Elms: Prevention = competition, bio-filters for seed. Management = Mechanical removal, hand digging roots.

Field Bindweed: Prevention = competition with native grasses and forbs. Management = Mechanical removal, mowing, raking, hand pulling to deny photosynthesis.

Decadent bunch grass, Kochia:

Prevention = establishment of native trees, shrubs and grasses for competition. Management = Mechanical removal, mowing, grazing.

Bio filters of Willow and Giant Rush at field entry to purify irrigation water.

**Field 2 (Total) 4 acres**

**Field 2 (red zone) 1 acre**

Spot mowing/pulling of Johnson Grass and Bindweed.

**Field 2 (blue zone) 1 acre**

Goat mob grazing, Spring '25: not completed.

Spot mowing/pulling of Johnson Grass and Bindweed.

**Field 2 (green zone) and Field 2 (yellow zone) 1 acre**

Leave Pea/Vetch cover crop in summer of '25, also leave Wheat/Barley/Oat mixture to stand for fall/winter wildlife forage.

Spot mowing/pulling of Johnson Grass and Bindweed.

**Field 3 = 4 acres (Transition to 100% wildlife forage/habitat as of 6/1/25)**

The plan is to leave the mature Sudan Sorghum/Oat mixture to stand for wildlife forage in the fall and winter months, which will also act as a cover crop/competition for weed prevention.

Spot mowing/pulling of Johnson Grass and Bindweed.

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Spot mowing/pulling of Johnson Grass and Bindweed.

**2025 Community Programming Plan**

**Program (outreach, mentorship, education)**

**Workshop schedule, Common Edge and Field 2: 2025**

**January 25th – “Biochar” workshop, limit 20 participants**

 **March 8th - “Envision” workshop, no limit on participants**

**March 15th – “Soil Testing to Soil Listening” workshop with Seed Exchange, limit 20 participants**

**April 19th - "Earth Day", planting and making/repairing willow hut(s).**

 **April 26th – “Planting for Pollinators” workshop, limit 20 participants**

**May 10th - "Building and Caring for Bird nest boxes and feeders", limit 20 participants**

**June 21st – “Pollination Celebration” OSVC, Native Bee/Flower Celebration -concurrent**

**June 28th - "Mud Day" at the OSVC, prep Seed Bombs before hand for Slingshot activity**

**August 23rd -”Butterfly Celebration” Public Event**

**September 20th - “Ethical Seed Harvesting” workshop, limit 20 participants**

**October 18th - Kids poetry/art in the field, community mural project for storage shed wall.**

**November 15th - Return of Cranes Celebration**

 **December 6th or 13th - TBD**

**SIGNATURE**: \_\_\_\_PETER CALLEN\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_