APPENDIX C

Survey Data Sheets



Breeding Bird Survey

Submitted By: bsmith@edrdpc.com Submitted Time: May 2, 2023 4:22 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 2, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 9-11 & 22-35

Survey Start Time: 05:25

Survey End Time: 10:30

Weather Conditions at Start of Survey

Temperature (°F): 38

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 9

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): Harvested Corn

Invasive Plant Species (Common Names):













Notes: Remnant corn stalks also present (4")



Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 10

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): Harvested corn

Invasive Plant Species (Common Names):









Notes: Remnant corn stalks also present (4")



Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 11

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses / Hay

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 22

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): Harvested corn

Invasive Plant Species (Common Names):









Notes: Remnant corn stalks present (12")



Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 23

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): Harvested corn (remnant corn

stalks 12")

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 24

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Alfalfa and harvested corn

(remnant stalks 6")

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 25

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Clover

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 26

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 28

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 27

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 29

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa, grass and dandelion

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 30

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa and harvested corn

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 31

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 32

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 33

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 35

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 34

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):













Notes:



Weather Conditions at End of Survey

Temperature (°F): 44

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Rain (Intermittent/Light)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Bird Observation Summary

Were any Endangered/Threatened Species observed?

Yes

Were any Species of Special Concern observed?

No

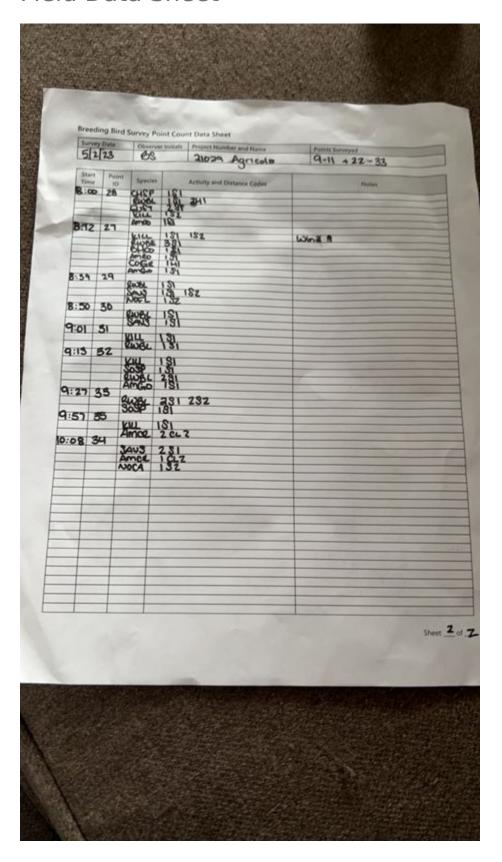
Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

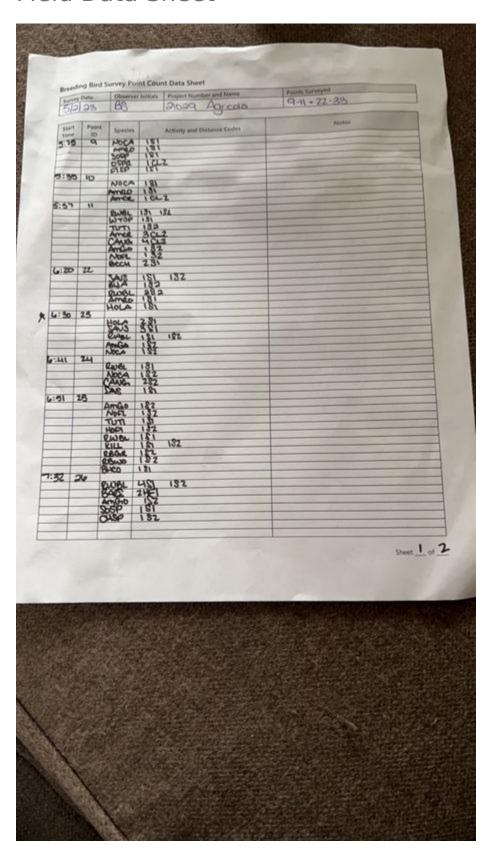
Additional Photo(s):





Breeding Bird Survey Data Sheet





Breeding Bird Survey Data Sheet



Were any alternate point count survey locations used due to access or visual constraints? $\ensuremath{\mathsf{No}}$

Alternate Point Count Survey Locations:

Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

Overall Survey Notes:



Breeding Bird Survey

Submitted By: bsmith@edrdpc.com Submitted Time: May 3, 2023 9:07 AM

Survey Information

Project Name: Agricola Wind

Survey Date: May 3, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 36-38; 43-46; 52-58

Survey Start Time: 05:36

Survey End Time: 09:05

Weather Conditions at Start of Survey

Temperature (°F): 37

Wind Speed (mph): 0 - 1 (Calm; Smoke rises vertically)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Sustained/Heavy)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 36

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 37

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 38

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 43

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):













Notes:



Corresponding Point ID(s): 45

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 44

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, dandelion, deadnettle

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches):

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Recently tilled field



Corresponding Point ID(s): 52

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Deadnettle and grass

Invasive Plant Species (Common Names):















Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 38

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Sustained/Heavy)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed?No

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No

Alternate Point Count Survey Locations:



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 5, 2023 9:25 AM

Survey Information

Project Name: Agricola Wind

Survey Date: May 4, 2023

Surveyor Name: Max Baber

Points Surveyed: 59-67, 9.1, 10.1, 55.2, 55.1

Survey Start Time: 05:49

Survey End Time: 10:23

Weather Conditions at Start of Survey

Temperature (°F): 41

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Intermittent/Light)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 67

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 65

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Dandelion

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 64

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 63

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 62

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 61

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, dead nettle

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 60

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, dead nettle

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 59

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 10.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 9.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Grasses, chickweed

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 55.2

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, stinging nettle, bedstraw

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 55.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Weather Conditions at End of Survey

Temperature (°F): 46

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed? Yes

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

Yes

Alternate Point Count Survey Locations: 55.1



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

MALL, EABL, EAPH

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 8, 2023 12:50 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 8, 2023

Surveyor Name: Max Baber

Points Surveyed: 9-11, 22-35

Survey Start Time: 05:21

Survey End Time: 10:30

Weather Conditions at Start of Survey

Temperature (°F): 46

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Fog

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 34

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 35

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Vetch, grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 30

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 29

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 28

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 27

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 25

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 33

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 32

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 31

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 22

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 23

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 24

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 26

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 9

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 9.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 10

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 10.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 11

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 55

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
Yes

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No

Alternate Point Count Survey Locations:



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

RCKI, EAME, AMKE

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 9, 2023 12:23 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 9, 2023

Surveyor Name: Max Baber

Points Surveyed: 39-42, 47, 49, 50, 62-67

Survey Start Time: 05:21

Survey End Time: 10:07

Weather Conditions at Start of Survey

Temperature (°F): 40

Wind Speed (mph): 0 - 1 (Calm; Smoke rises vertically)

Wind Direction: NE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 39

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names): Dandelion















Corresponding Point ID(s): 40

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

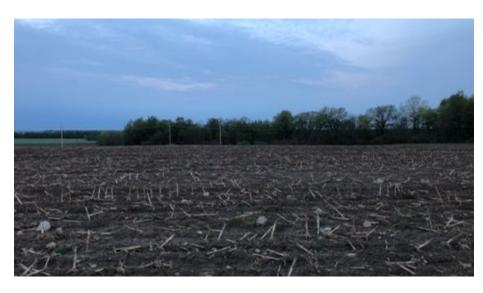
Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 41

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

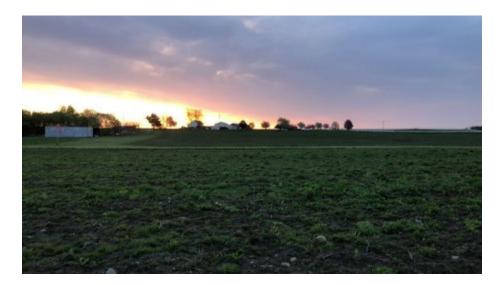
Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Clover, dandelion

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 42

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 47

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses, solidago

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 62

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 63

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, clover, bedstraw

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 49

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 50

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Solidago

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 64

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, dock, vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 65

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 66

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 67

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 53

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No

Alternate Point Count Survey Locations:



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

BAOR, EAME, ROPI

Overall Survey Notes:



Breeding Bird Survey

Submitted By: bsmith@edrdpc.com

Submitted Time: May 12, 2023 11:15 AM

Survey Information

Project Name: Agricola Wind

Survey Date: May 12, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 36-38; 43-46; 52-61

Survey Start Time: 05:15

Survey End Time: 10:30

Weather Conditions at Start of Survey

Temperature (°F): 52

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 43

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 44

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 46

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

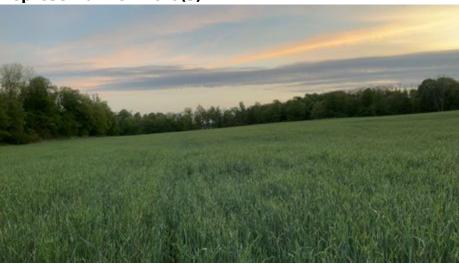
Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 45

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 36

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 37

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 38

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 58

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, dandelion, dead nettle

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 57

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 56

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 54

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 52

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 2-4

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 59

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 60

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 61

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 55

Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 55.1

Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass and dandelion

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 55.2

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Fallow)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 72

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: W

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No



Alternate Point Count Survey Locations:

Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

Overall Survey Notes:

Unable to survey 54 due to farm work being done.



Breeding Bird Survey

Submitted By: bsmith@edrdpc.com

Submitted Time: May 16, 2023 10:35 AM

Survey Information

Project Name: Agricola Wind

Survey Date: May 16, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 1-7; 9.1-10.1; 29-35

Survey Start Time: 05:05

Survey End Time: 10:30

Weather Conditions at Start of Survey

Temperature (°F): 46

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 34

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa, grass, dandelion

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 35

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 31

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

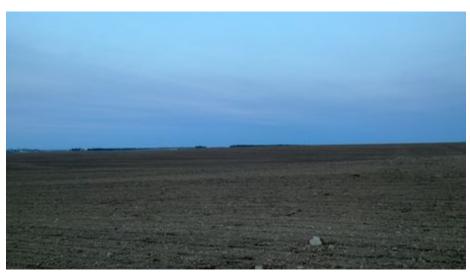
Invasive Plant Species (Common Names):















Corresponding Point ID(s): 32

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 33

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 30

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 29

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Alfalfa, dandelion, loosestrife

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 7

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa and dandelion

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 6

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 1

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 2

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 9

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 9.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 10

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 10.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 3

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Clover

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 5

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 4

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 65

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
Yes

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No

Alternate Point Count Survey Locations:



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 16, 2023 12:35 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 16, 2023

Surveyor Name: Max Baber

Points Surveyed: 43-46, 51-61

Survey Start Time: 05:15

Survey End Time: 10:23

Weather Conditions at Start of Survey

Temperature (°F): 44

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: SSW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 55.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 55.2

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses, bedstraw, dock

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 51

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 55

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet



Recently tilled hayfield

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 56

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):













Partially tilled hayfield



Corresponding Point ID(s): 54

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 53

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 52

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Dock, thistle

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 58

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 57

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass (rye?)

Invasive Plant Species (Common Names):













Cover crop partially tilled



Corresponding Point ID(s): 59

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 61

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 60

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass (rye?), purple dead nettle

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 43

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):













Wind and traffic noise may inhibit auditory detections



Corresponding Point ID(s): 44

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):











Wind and traffic noise may inhibit auditory detections



Corresponding Point ID(s): 45

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 46

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 36-42

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 63

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes: Sky is overall hazy

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No

Alternate Point Count Survey Locations:



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

EAKI, TUVU, SCTA

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 17, 2023 2:05 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 17, 2023 **Surveyor Name:** Max Baber

Points Surveyed: 62-69, 36-42, 47, 48

Survey Start Time: 05:18

Survey End Time: 10:32

Weather Conditions at Start of Survey

Temperature (°F): 39

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 68

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Purple dead nettle

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 69

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 66

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 67

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 64

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, vetch, dock

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 65

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 48

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 36

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 37

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 38

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Vetch

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 39

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches):

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 47

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Goldenrod

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 40.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Goldenrod, dock, mustard

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 40

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 2-4

Dominant Plant Species (Common Names): Mustard

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 41

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Goldenrod, dandelion

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 42

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 2-4

Dominant Plant Species (Common Names): Dandelion

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 63

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Goldenrod, bedstraw, clover

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 62

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{No}}$



Weather Conditions at End of Survey

Temperature (°F): 39

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: NNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No



Alternate Point Count Survey Locations:

Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

EABL

Overall Survey Notes:

Wind and low temperatures reduced bird activity and detection



Breeding Bird Survey

Submitted By: sbeguin@edrdpc.com Submitted Time: May 19, 2023 1:49 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 19, 2023

Surveyor Name: Samouel Beguin

Points Surveyed: 22-28, 49, 50

Survey Start Time: 06:41

Survey End Time: 09:49

Weather Conditions at Start of Survey

Temperature (°F): 50

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: SSE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes: Strong wind gusts



Open Field Condition Observations

Corresponding Point ID(s): 22 and 23

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None

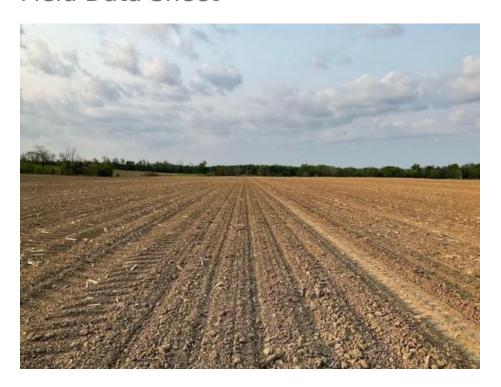
Invasive Plant Species (Common Names): None













Notes: Bare field



Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 24

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Weeds, grasses

Invasive Plant Species (Common Names): None













Notes: Vegetation present in narrow swale to northeast of point 24

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 25

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Unknown crop, likely soybeans

Invasive Plant Species (Common Names): None













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 27

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grasses, dandelion, burdock

Invasive Plant Species (Common Names): None













Notes: Mostly bare field with grassy swale

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 28

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None

Invasive Plant Species (Common Names): None













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 26

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names): None in field

Invasive Plant Species (Common Names): Honeysuckle and garlic mustard in wooded area to south/east

moducu area to boatin, case













Notes:

Do you need to report observations of another open field? Yes



Corresponding Point ID(s): 50 and 49

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grasses, dandelion, unknown forb,

unknown thistle

Invasive Plant Species (Common Names): None













Notes: Recently tilled; more bare in eastern portion of field

Do you need to report observations of another open field? $\ensuremath{\text{No}}$



Weather Conditions at End of Survey

Temperature (°F): 62

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes: Strong wind gusts

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
Yes

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No



Alternate Point Count Survey Locations:

Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

PIWO INBU ROPI NOCA AMPI EABL RBGR

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 19, 2023 5:04 PM

Survey Information

Project Name: Agricola Wind

Survey Date: May 19, 2023

Surveyor Name: Max Baber

Points Surveyed: 11-21, 58.1, 58.2

Survey Start Time: 07:27

Survey End Time: 10:32

Weather Conditions at Start of Survey

Temperature (°F): 51

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:



Open Field Condition Observations

Corresponding Point ID(s): 58.2

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches):

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Rye

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 58.1

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Rye

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 18

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Chickweed

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 17

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grasses, vetch

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 16

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 12

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, clover, bedstraw

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 11

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grasses, clover

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 13

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Clover, grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 14

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Clover, grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 15

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Clover, grasses

Invasive Plant Species (Common Names):















Corresponding Point ID(s): 19

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 21

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet





Corresponding Point ID(s): 20

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):















Weather Conditions at End of Survey

Temperature (°F): 62

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant

motion)

Wind Direction: S

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Bird Observation Summary

Were any Endangered/Threatened Species observed?No

Were any Species of Special Concern observed? Yes

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)?
No

Were there additional photos documenting birds observed, habitat conditions, and/or other features of interest?

No

Additional Photo(s):

Were any alternate point count survey locations used due to access or visual constraints?

No



Alternate Point Count Survey Locations:

Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names): AMKE

Overall Survey Notes:



Breeding Bird Survey

Submitted By: mbaber@edrdpc.com Submitted Time: May 25, 2023 12:36 PM

Survey Information

Project Name: Agricola Wind Survey Date: May 24, 2023

Surveyor Name: Max Baber

Points Surveyed: 10, 10.1, 22-28, 59-69

Survey Start Time: 06:00

Survey End Time: 10:36

Weather Conditions at Start of Survey

Temperature (°F): 56

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes: Sky is hazy



Open Field Condition Observations

Corresponding Point ID(s): 63

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Goldenrod, bedstraw, clover,

grasses

Invasive Plant Species (Common Names):











Breeding Bird Survey Data Sheet



Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):

Representative Photo(s):

Notes:

Do you need to report observations of another open field? Yes



Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 1-10%

Estimated Forb Cover (%): 1-10%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0-2

Dominant Plant Species (Common Names): Mustard

Invasive Plant Species (Common Names):

Representative Photo(s):

Notes:

Do you need to report observations of another open field? Yes



Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Rye, vetch

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Corresponding Point ID(s): 67

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):













Notes:

Do you need to report observations of another open field? $\ensuremath{\text{Yes}}$



Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 90-100%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 0 (None)

Dominant Plant Species (Common Names):

Invasive Plant Species (Common Names):

