

BioEnt – Early Season Survey

Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay

Date 6/23/2023

Field Name/Number T1R1 Grower MSU Growth Stage V6/7

General Appearance OK Size 10 1/2 Variance OK Leaf Color OK Variance OK

Plant Population OK Soil Moisture 0-12 55/60 12-24 60/65 24+ 65% %AWC

Vigor: ☐ Good ☒ OK ☐ Poor
 Stress: ☐ Heat ☒ Moisture ☐ Nitrogen ☒ General ☐ Spotty
 Stress-Chlorophyll: ☐ None ☒ Low ☐ High ☒ General ☐ Spotty
 Weed Control: ☐ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION:

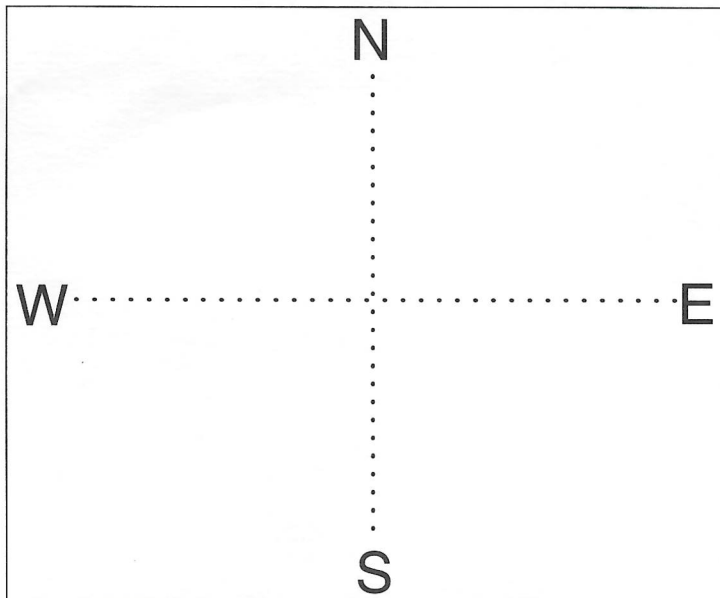
☒ None Required dry conditions
☐ Watch
☐ Yes, see comments

Comments:

Few scattered grasses
(low density)

dry conditions resulting
in slow growth/light
green color

<input checked="" type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
<input type="checkbox"/> Wirestem Muhly WM	<input type="checkbox"/> Smartweed -Penn. PSM
<input type="checkbox"/> Marestail MT	<input type="checkbox"/> Smart -Swamp SSM
<input type="checkbox"/> Crabgrass CG	<input type="checkbox"/> Dogbane -Hemp HDB
<input type="checkbox"/> Johnsongrass JG	<input type="checkbox"/> Lambsquarter LQU
<input type="checkbox"/> Shattercane SCA	<input type="checkbox"/> Ragweed CRAG
<input type="checkbox"/> Nutsedge NS	<input type="checkbox"/> Ragweed -Giant GRAG
<input type="checkbox"/> Winter Annuals WA	<input type="checkbox"/> Dock -Curly CD
<input type="checkbox"/> Chickweed CW	<input type="checkbox"/> Nightshade -Black BNS
<input type="checkbox"/> Biannuals WB	<input type="checkbox"/> Jimsonweed JW
<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
<input type="checkbox"/> Cocklebur CBUR	<input type="checkbox"/> Pokeweed PW
<input type="checkbox"/> Milkweed CM	<input type="checkbox"/> Wild Corn WC



☐ Germination ☐ No ☐ 1/4" Root ☐ Spike PE
☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
 ○ Spots ○ General ○ Hard ○ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ○ Yellowish whorl
 ○ Buggywip ○ Stalk bending ○ Twisted whorl
☐ Doubles _____ % Corn
☐ Density _____ Variance _____
☐ Growth OK Variance OK
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

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☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay

Date 6/23/2023

Field Name/Number 7221 Grower MSU Growth Stage N7 Pump

General Appearance OK Size 6-8" Variance OK Leaf Color OK Variance OK

Plant Population 55/60 Soil Moisture 0-12 55/60 12-24 60/60 24+ 65 %AWC

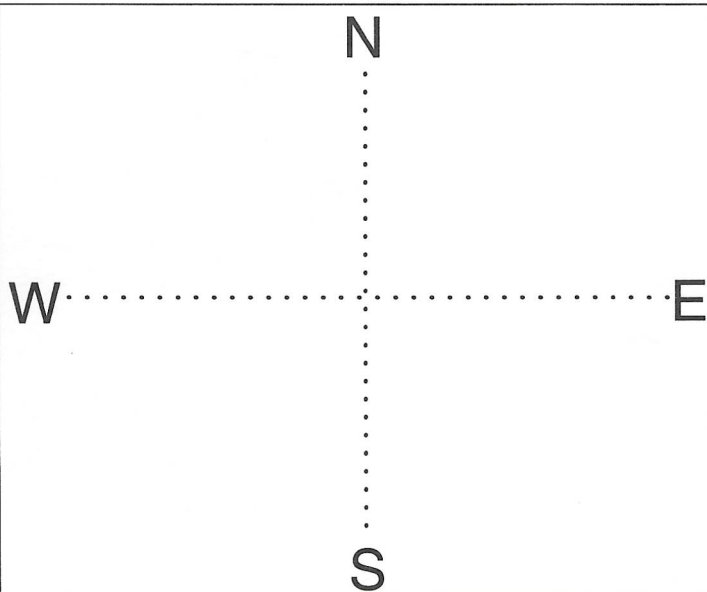
Vigor: ☒ Good ☐ OK ☐ Poor ☐ General ☐ Spotty
 Stress: ☐ Heat ☒ Moisture ☐ Nitrogen ☒ General ☐ Spotty
 Stress-Chlorophyll: ☐ None ☒ Low ☐ High ☒ General ☐ Spotty
 Weed Control: ☒ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION: dry Conditions
☐ None Required
☐ Watch
☐ Yes, see comments

Comments:

dryness affecting growth & plant color

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
<input type="checkbox"/> Wirestem Muhly WM	<input type="checkbox"/> Smartweed -Penn. PSM
<input type="checkbox"/> Marestail MT	<input type="checkbox"/> Smart -Swamp SSM
<input type="checkbox"/> Crabgrass CG	<input type="checkbox"/> Dogbane -Hemp HDB
<input type="checkbox"/> Johnsongrass JG	<input type="checkbox"/> Lambsquarter LQU
<input type="checkbox"/> Shattercane SCA	<input type="checkbox"/> Ragweed CRAG
<input type="checkbox"/> Nutsedge NS	<input type="checkbox"/> Ragweed -Giant GRAG
<input type="checkbox"/> Winter Annuals WA	<input type="checkbox"/> Dock -Curly CD
<input type="checkbox"/> Chickweed CW	<input type="checkbox"/> Nightshade -Black BNS
<input type="checkbox"/> Biannuals WB	<input type="checkbox"/> Jimsonweed JW
<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
<input type="checkbox"/> Cocklebur CBUR	<input type="checkbox"/> Pokeweed PW
<input type="checkbox"/> Milkweed CM	<input type="checkbox"/> Wild Corn WC



☐ Germination ☐ No ☐ 1/4" Root ☐ Spike PE
☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
☐ Spots ☐ General ☐ Hard ☐ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ☐ Yellowish whorl
☐ Buggywip ☐ Stalk bending ☐ Twisted whorl
☐ Doubles _____ % Corn
☐ Density OK Variance OK
☐ Growth OK Variance OK
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

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☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay
 Date 6/22/2023
 Field Name/Number 73191 Grower MSU Growth Stage Mixed
 General Appearance Mixed Size _____ Variance Mixed Leaf Color OK Variance OK
 Plant Population _____ Soil Moisture 0-12 55/60 12-24 60/60 24+ 65 %AWC

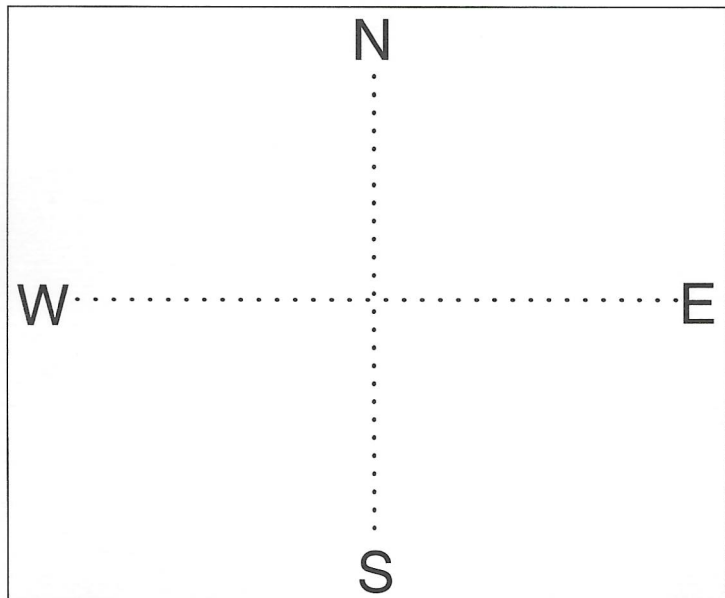
Vigor: ☐ Good ☒ OK ☐ Poor
 Stress: ☐ Heat ☒ Moisture ☐ Nitrogen ☒ General ☐ Spotty
 Stress-Chlorophyll: ☐ None ☐ Low ☐ High ☐ General ☐ Spotty
 Weed Control: ☒ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION: multi-stage germination
☒ None Required
☐ Watch
☐ Yes, see comments

Comments:

uneven/mixed stand
due to dryness
 ① early germinated corn
16-6-7"
 ② some VE scattered
 ③ some still in dry soil

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
<input type="checkbox"/> Wirestem Muhly WM	<input type="checkbox"/> Smartweed -Penn. PSM
<input type="checkbox"/> Marestail MT	<input type="checkbox"/> Smart -Swamp SSM
<input type="checkbox"/> Crabgrass CG	<input type="checkbox"/> Dogbane -Hemp HDB
<input type="checkbox"/> Johnsongrass JG	<input type="checkbox"/> Lambsquarter LQU
<input type="checkbox"/> Shattercane SCA	<input type="checkbox"/> Ragweed CRAG
<input type="checkbox"/> Nutsedge NS	<input type="checkbox"/> Ragweed -Giant GRAG
<input type="checkbox"/> Winter Annuals WA	<input type="checkbox"/> Dock -Curly CD
<input type="checkbox"/> Chickweed CW	<input type="checkbox"/> Nightshade -Black BNS
<input type="checkbox"/> Biannuals WB	<input type="checkbox"/> Jimsonweed JW
<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
<input type="checkbox"/> Cocklebur CBUR	<input type="checkbox"/> Pokeweed PW
<input type="checkbox"/> Milkweed CM	<input type="checkbox"/> Wild Corn WC



☐ Germination ☐ No ☐ 1/4" Root ☐ Spike PE
☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
☐ Spots ☐ General ☐ Hard ☐ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ☐ Yellowish whorl
☐ Buggywip ☐ Stalk bending ☐ Twisted whorl
☐ Doubles _____ % Corn
☐ Density _____ Variance _____
☐ Growth uneven Variance high
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

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☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay

Date 6/23/2023

Field Name/Number T4R1 Grower MSU Growth Stage VE/V1

General Appearance VE Size VE Variance mixed Leaf Color OK Variance OK

Plant Population VE Soil Moisture 0-12 50/60 12-24 60 24+ 65 %AWC

Vigor: ☐ Good ☒ OK ☐ Poor
 Stress: ☐ Heat ☐ Moisture ☐ Nitrogen
 Stress-Chlorophyll: ☐ None ☐ Low ☐ High
 Weed Control: ☐ Good ☒ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION:

☒ None Required dry
☐ Watch
☐ Yes, see comments

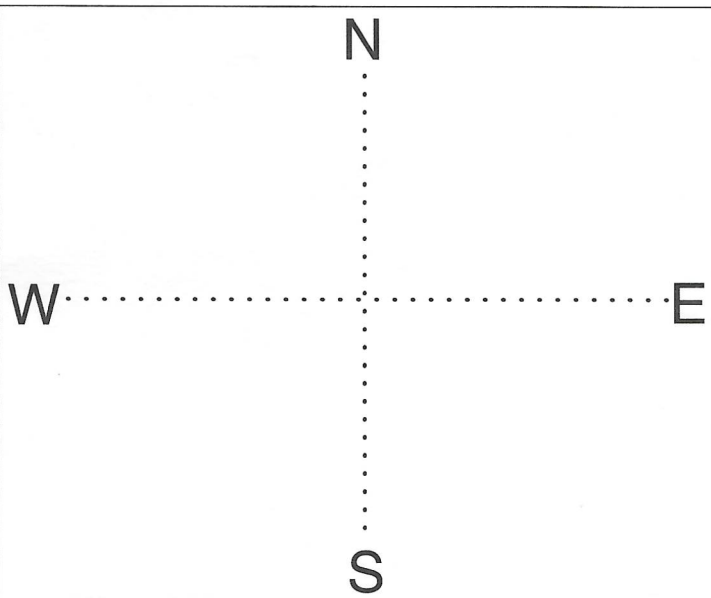
Comments:

VE/V1

dry
 Conditions very dry -
 Some seed may be
 in dry soil -
 emergence uneven.

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
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<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
<input type="checkbox"/> Cocklebur CBUR	<input type="checkbox"/> Pokeweed PW
<input type="checkbox"/> Milkweed CM	<input type="checkbox"/> Wild Corn WC

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☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
☐ Spots ☐ General ☐ Hard ☐ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ☐ Yellowish whorl
☐ Buggywip ☐ Stalk bending ☐ Twisted whorl
☐ Doubles _____ % Corn
☐ Density _____ Variance _____
☐ Growth VE + Variance VE +
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"



<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

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Switch grass
☐ Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay
 Date 7/23/2023
 Field Name/Number TR1 Grower MSU Growth Stage early seed head
 General Appearance _____ Size 20/24" Variance ok Leaf Color green Variance good
 Plant Population _____ Soil Moisture 0-12 dry 12-24 dry 24+ _____ %AWC

Vigor: ☐ Good ☒ OK ☐ Poor
 Stress: ☐ Heat ☐ Moisture ☐ Nitrogen
 Stress-Chlorophyll: ☒ None ☐ Low ☐ High
 Weed Control: ☐ Good ☒ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION:
☒ None Required
☐ Watch
☐ Yes, see comments

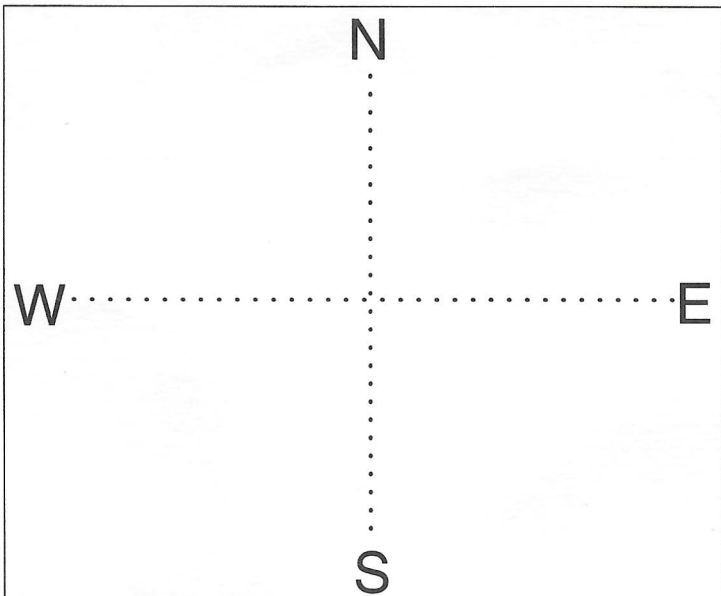
Comments:

Fleabane Common/General

Seeding out early due to moisture stress

Shorter than normal for this time of year

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
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<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
<input type="checkbox"/> Wirestem Muhly WM	<input type="checkbox"/> Smartweed -Penn. PSM
<input type="checkbox"/> Marestail MT	<input type="checkbox"/> Smart -Swamp SSM
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<input type="checkbox"/> Winter Annuals WA	<input type="checkbox"/> Dock -Curly CD
<input type="checkbox"/> Chickweed CW	<input type="checkbox"/> Nightshade -Black BNS
<input type="checkbox"/> Biannuals WB	<input type="checkbox"/> Jimsonweed JW
<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
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☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
☐ Spots ☐ General ☐ Hard ☐ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ☐ Yellowish whorl
☐ Buggywip ☐ Stalk bending ☐ Twisted whorl
☐ Doubles _____ % Corn
☐ Density _____ Variance _____
☐ Growth ok Variance ok
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
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<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
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<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
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BioEnt – Early Season Survey

Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay

Date 6/23/2023

Field Name/Number _____ Grower msy Growth Stage V819

General Appearance good Size 14-16" Variance good Leaf Color good Variance good

Plant Population _____ Soil Moisture 0-12 65/70 12-24 70/75 24+ 80 %AWC

Vigor: ☒ Good ☐ OK ☐ Poor ☐ General ☐ Spotty
 Stress: ☐ Heat ☐ Moisture ☐ Nitrogen ☐ General ☐ Spotty
 Stress-Chlorophyll: ☒ None ☐ Low ☐ High ☐ General ☐ Spotty
 Weed Control: ☒ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☒ Grasses ☐ Broadleaves ☐ Perennials

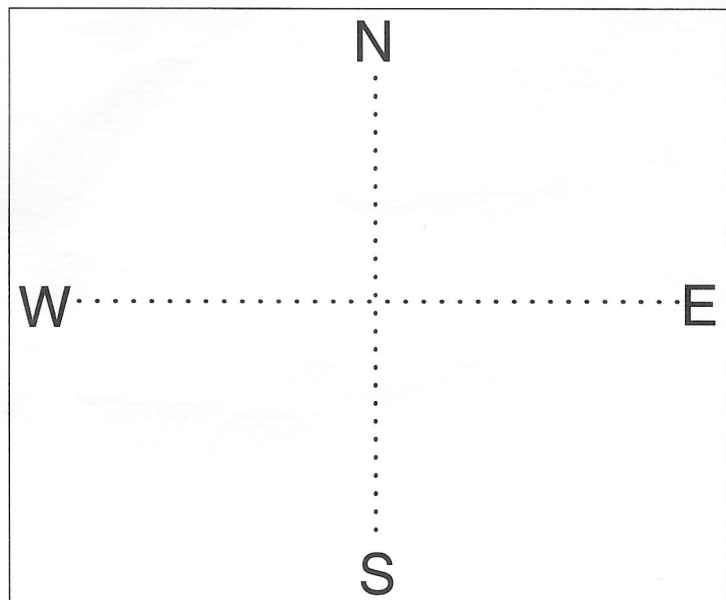
ACTION:

☒ None Required look good
☐ Watch
☐ Yes, see comments

Comments:

Color/growth good

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
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☐ Nutrient Deficiency ☐ Spots ☐ General _____
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☐ Doubles _____ % Corn
☐ Density good Variance good
☐ Growth good Variance good
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
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<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

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Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn ☒ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Hay

Date 6/23/2023

Field Name/Number _____ Grower MSU Growth Stage V6/7

General Appearance OK Size 10' Variance good Leaf Color good Variance good

Plant Population _____ Soil Moisture 0-12 52/55 12-24 60/65 24+ 70 %AWC

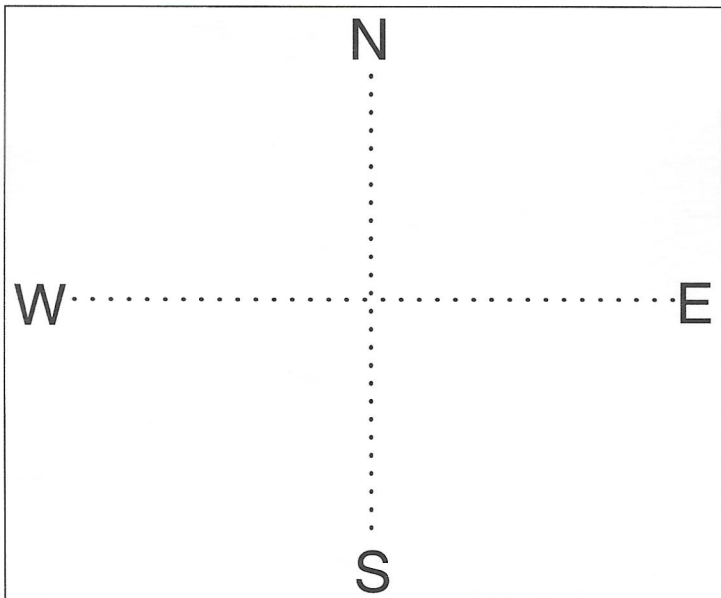
Vigor: ☐ Good ☒ OK ☐ Poor ☐ General ☐ Spotty
 Stress: ☐ Heat ☒ Moisture ☐ Nitrogen ☒ General ☐ Spotty
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 Weed Control: ☒ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots
☐ Grasses ☐ Broadleaves ☐ Perennials

ACTION: See notes (very dry)
☒ None Required
☐ Watch
☐ Yes, see comments

Comments:

Surface very dry -
 moisture deeper down
 below 12"
 low leaves showing
 yellowing to dryness

<input type="checkbox"/> Annual Grasses AG	<input type="checkbox"/> Pigweed RRP
<input type="checkbox"/> Foxtail F	<input type="checkbox"/> Horsenettle HN
<input type="checkbox"/> Panicum -Fall FP	<input type="checkbox"/> Bindweed -Field FBW
<input type="checkbox"/> Quack grass QG	<input type="checkbox"/> Bindweed -Hedge HBW
<input type="checkbox"/> Wirestem Muhly WM	<input type="checkbox"/> Smartweed -Penn. PSM
<input type="checkbox"/> Marestail MT	<input type="checkbox"/> Smart -Swamp SSM
<input type="checkbox"/> Crabgrass CG	<input type="checkbox"/> Dogbane -Hemp HDB
<input type="checkbox"/> Johnsongrass JG	<input type="checkbox"/> Lambsquarter LQU
<input type="checkbox"/> Shattercane SCA	<input type="checkbox"/> Ragweed CRAG
<input type="checkbox"/> Nutsedge NS	<input type="checkbox"/> Ragweed -Giant GRAG
<input type="checkbox"/> Winter Annuals WA	<input type="checkbox"/> Dock -Curly CD
<input type="checkbox"/> Chickweed CW	<input type="checkbox"/> Nightshade -Black BNS
<input type="checkbox"/> Biannuals WB	<input type="checkbox"/> Jimsonweed JW
<input type="checkbox"/> Cover Crop CC	<input type="checkbox"/> Canada Thistle CTH
<input type="checkbox"/> Velvetleaf VL	<input type="checkbox"/> Yellow Rocket YR
<input type="checkbox"/> Cocklebur CBUR	<input type="checkbox"/> Pokeweed PW
<input type="checkbox"/> Milkweed CM	<input type="checkbox"/> Wild Corn WC



☐ Germination ☐ No ☐ 1/4" Root ☐ Spike PE
☐ Emergence ☐ Breaking ☐ VC / V1
☐ Nutrient Deficiency ☐ Spots ☐ General _____
☐ Soil Compaction: ☐ Soil Surface:
☐ Spots ☐ General ☐ Hard ☐ Crusted
☐ Standing Water ☐ Small Spots ☐ Large Spots
☐ Herbicide damage ☐ Emergence stress
☐ Physiological Disorder in Corn ☐ Yellowish whorl
☐ Buggywip ☐ Stalk bending ☐ Twisted whorl
☐ Doubles _____ % Corn
☐ Density _____ Variance _____
☐ Growth OK Variance good
☐ Plant spacing _____ Variance _____
☐ Emergence _____ Variance _____
☐ Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting