BioEnt – Early Season Survey

Seed Corn: □ Corn □ Soybeans □ Wheat □ Grower: [Name] Date: 6/19/2014
Field Name/Number: [61R3]
General Appearance: □ OK □ Size □ Variances □ Leaf Color □ Variance □
Plant Population: □ OK □ Soil Moisture 0-12 □ 12+ □ 85/85 %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
□ Watch
□ Yes, see comments

Comments:

Annual Grasses AG
Foxtail F
Panicum -Fall FP
Quack grass OQ
Wirestem Muhly WM
Field Sandbur FS
Crabgrass CG
Johnsongrass JG
Shattercane SCA
Nutseed NS
Winter Annuals WA
Chickweed CW
Biennials WB
Cover Crop CC
Velvetleaf VL
Cocklebur CBUR
Milkwheat CM

Pigweed RRP
Horsenettle HN
Bindweed -Field FBW
Bindweed -Hedge HBW
Smartweed -Penn. PSM
Smart -Swamp SSM
Dogbane -Hemp HDB
Lambsquarter LQU
Ragweed CRAG
Ragweed -Giant GRAG
Dock -Curly CD
Nightshade -Black BNS
Jimsonweed JW
Canada Thistle CTH
Yellow Rocket YR
Perennials P
Pokeweed PW

Residual Section - west side of plot

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

Cutworms □ White Grubs □ Seed Corn Maggots
Armyworms □ Flea Beetles □ Foliar Disease-Rust
Stalkborers □ Aphids □ Foliar Disease-Fungi
Wireworms □ Slugs □ Corn Borer-%
Spider mites □ Leafhoppers □ Stunted plants

Root Damage □ Insects □ Plants
Diseases □ Purplish
Yellowish □ Nematodes □ Stunting
BioEnt – Early Season Survey  

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

Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat ☐ ☐ Grower ☐ MSU ☐ Date 6/19/2014

Field Name/Number 62R3

General Appearance ☐ Size ☐ ok ☐ Variance ☐ Leaf Color ☐ ok ☐ Variance ☐

Plant Population ☐ ok ☐ Soil Moisture 0-12 ☐ ☐ ☐ 12+ ☐ 85/85%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
☒ Watch
☒ Yes, see comments

Comments:

U5 6" Range
30 29 29 29 30 30
29.500 ACRE

grasses common general
1.2" Range
show to moderate density

col growth normal
BioEnt – Early Season Survey

Field Name/Number: 6323

General Appearance: OK Size: OK Variance: OK Leaf Color: OK Variance: OK

Plant Population: 80

Soil Moisture: 0-12

Vigor: Good

Stress: None

Weed Control: Grasses

Comments:

16 x-10" Range
30 29 29 29 29 30
29 666 Acre

Grasses scattered about
Pigweed spots - Some dense stands

ACTION:
Watch

Yes, see comments

Grasses

Annual Grasses

Pigweed RRP

Pigweed

Horsenettle

Bindweed -Field FBW

Bindweed -Hedge HBW

Smartweed -Penn. PSM

Smart -Swamp SSM

Dogbane -Hemp HDB

Lambsquarter LOU

Ragweed CRAG

Ragweed -Giant GRAG

Dock -Curly CD

Nightshade -Black BNS

Jimsonweed JW

Canada Thistle CTH

Yellow Rocket YR

Perennials P

Pokeweed PW

Germination

Emergence

Nutrient Deficiency

Soil Compaction:

Standing Water

Herbicide damage

Physiological Disorder in Corn

Doubles

Density

Growth

Plant spacing

Emergence

Soil Temperature

Root Damage

Insects

Diseases

Nematodes

Cutworms

Armyworms

Stalkborers

Wireworms

Spider mites

White Grubs

Flea Beetles

Aphids

Slugs

Leafhoppers

Seed Corn Maggots

Foliar Disease-Rust

Foliar Disease-Fungi

Corn Borer-%

Stunted plants

No 1/4" Root

Spike PE

1/4 VC / V1

Spots

General

Hard

Crusted

Spots

General

Small Spots

Large Spots

Buggywip

Stalk bending

Twisted whorl

%
BioEnt – Early Season Survey

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

Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat ☐ Grower 7NS1 Date 6/19/2014

Field Name/Number GYR3 Growth Stage

General Appearance ☐ Size ☐ Variance Cox Leaf Color ☐ Variance

Plant Population ☐ Soil Moisture 0-12 75 12+ 85/85% 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 ☐ Watch ☐ Weed Control at Some Point

Comments: 15”Row 785’

26 25 27 21 22 21 24
58 72
\[ x = 24.375 \times 4.875 \times 169.875 \times 4 \cdot 4 \]

Low level weeds/grasses 1-2” Range AG RRP LQ

Cities

Grasshoppers?

Germination ☐ No ☐ 1/4” Root ☐ Spike PE

Emergence ☐ Breaking ☐ VC/V1 Nutrient Deficiency ☐ Spots ☐ General Soil Compaction: ☐ Spots ☐ General ☐ Hard ☐ Stressed Standing Water ☐ Small Spots ☐ Large Spots Herbicide damage ☐ Emergence stress Physiological Disorder in Corn ☐ Yellowish whorl Seed Corn Maggots ☐ Buggywip ☐ Stalk bending ☐ Twisted whorl Doubles ☐ Density ☐ Variance Growth ☐ Variance Plant spacing ☐ Variance Emergence ☐ Variance Soil Temperature ☐ 2”

Cutworms ☐ Armyworms ☐ Stalkborers ☐ Wireworms ☐ Spider mites White Grubs ☐ Flea Beetles ☐ Aphids ☐ Slugs ☐ Leafhoppers Seed Corn Maggots ☐ Foliar Disease-Rust ☐ Foliar Disease-Fungi Corn Borer-% ☐ Stunted plants Root Damage ☐ Insects ☐ Purplish Diseases ☐ Yellowish Nematodes ☐ Stunting