BioEnt - Early Season Surve	Gary Manley 269-273-7070 or 269-816-1080
Seed Corn Corn Soybeans Wheat	Grower M & U Date 8 /8 201 2
Field Name/Number 7/ R2	Growth Stage
General AppearanceSizeVaria	nce Leaf Color Variance
Plant Population Soil Moisture 0-	12 0 K AWC
Vigor: Good OK Poor Gen Stress: Heat Moisture Nitrogen Gen Stress-Chlorophyll: None Low High Gen Weed Control: Good OK Poor Spotty Grasses Broadleaves Pere	eral □Spotty □ Dense Spots □ Yes, see comments
Post-harvist	Annual Grasses AG Pigweed RRP Foxtail F Horsenettle HN Panicum -Fall FP Bindweed -Field FBW Quack grass QG Bindweed -Hedge HBW Wirestem Muhly WM Smartweed -Penn. PSM Field Sandbur FS Smart -Swamp SSM
Annual grasses general Some Starting to Produce Seed heads	□ Crabgrass CG □ Dogbane -Hemp HDB □ Johnsongrass JG □ Lambsquarter LQU □ Shatercane SCA □ Ragweed CRAG □ Nutsedge NS □ Ragweed -Giant GRAG □ Winter Annuals WA □ Dock -Curly CD □ Chickweed CW □ Nightshade -Black BNS □ Biannuals WB □ Jimsonweed JW
Control prior to seed Production	Cover Crop CC
W E	□ 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 _ % □ Density Variance
S	☐ Growth Variance ☐ Plant spacing Variance ☐ Emergence Variance ☐ Soil Temperature 2"
Armyworms Flea Beetles Foliar Stalkborers Aphids Foliar Wireworms Slugs Corn	Corn Maggots Disease-Rust Disease-Fungi Borer-% Nematodes Plants Purplish Purplish Diseases Yellowish Stunting

BioEnt - Early Season Surv	ey Gary Manley 269-273-7070 or 269-816-1080	
Seed Corn Corn Soybeans Wheat	10	113
Field Name/Number R	Growth Stage	
General Appearance Size Varia	ance Leaf Color Variance	
Plant Population Soil Moisture 0	-12 0 K 12+ 0 K %	AWC
Stress:	neral Spotty neral Spotty neral Spotty neral Spotty Dense Spots ennials ACTION: None Required Watch Yes, see comments	
Annual epans general Some starting to Produce Seed head Control prior to seed Production	Field Sandbur FS Field Sandbur FS Crabgrass CG Johnsongrass JG Shatercane SCA Nutsedge NS Winter Annuals WA Chickweed CW Biannuals WB Cover Crop CC Velvetleaf VL Cocklebur CBUR Milkweed CM Field Sandbur FS Smart -Swamp SSM Dogbane -Hemp HDB Lambsquarter LQU Ragweed -Giant GRAC Ragweed -Giant GRAC Nightshade -Black BNS Jimsonweed JW Canada Thistle CTH Yellow Rocket YR Perennials P Pokeweed PW	M G
W E	Germination No 1/4" Root Spike Emergence Breaking VC / V1 Nutrient Deficiency Spots General Soil Compaction: Soil Surface: Spots General Hard Crusted Standing Water Small Spots Large Spot Herbicide damage Emergence stress Physiological Disorder in Corn Yellowish who Buggywip Stalk bending Twisted whorl Doubles W Density Variance Growth Variance Plant spacing Variance Soil Temperature 2"	is orl
Cutworms White Grubs See	d Corn Maggots Root Damage Plants	
Armyworms Flea Beetles Folia	ar Disease-Rust	lish
	ar Disease-Fungi Diseases Yello	wish
	Borer-%	
Spider mites Leafhoppers Stur	ited plants	mig.

BioEnt - Early Season Surve		
Seed Corn Corn Soybeans Wheat	Grower MGU	Date 8 / 8201 2
Field Name/Number 7 1 R + R3		Growth Stage
General Appearance Size Varia	nce Leaf Color	Variance
Plant Population Soil Moisture 0-	12_0612+	OK MAWC
Stress:	ennials	nments
Sprayed grandetwass Stanting to See Yellowish Colors Herbicide working	Foxtail F Panicum -Fall FP Quack grass QG Wirestem Muhly WM Field Sandbur FS Crabgrass CG Johnsongrass JG Shatercane SCA Nutsedge NS Winter Annuals WA Chickweed CW Biannuals WB Cover Crop CC Velvetleaf VL Cocklebur CBUR Milkweed 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
W E	Nutrient Deficiency Spot Soil Compaction: Spots General Standing Water Sma Herbicide damage En Physiological Disorder in Col Buggywip Stalk bend Doubles % Density Varian	Soil Surface: Hard Crusted Ill Spots Large Spots Interpretation of Spots Spots Spots Interpretation of Spots Spots Spots Interpretation of Spots S
Armyworms	r Disease-Fungi Dis	age

BIOEIII - Early Season Survey	
☐ Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat	Grower
Field Name/Number T4RI	Growth Stage
General AppearanceSizeVariance	e Leaf Color Variance
Plant Population Soil Moisture 0-12	
Vigor: Good OK Poor General Stress: Heat Moisture Nitrogen General Stress-Chlorophyll: None Low High General Weed Control: Good OK Poor Spotty Grasses Broadleaves Perenni	Dense Spots Yes, see comments
Comments: Post have est quod clover stand Scattered GRAG AG Clover 8-12' tall	Annual Grasses AG
Some frances W E	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 Wariance Growth Variance Plant spacing Variance Emergence Variance Soil Temperature 2"
Armyworms Flea Beetles Foliar Dis	Nomestadas Chustian

BioEnt - Early Season Survey	Y Gary Manley 269-273-7070 or 269-816-1080
Seed Corn Corn Soybeans Wheat Field Name/Number	Grower, M 54 Date 8 / 8 201 3
General Appearance 66 Size 2.3 Varian	ce of Theat Color a War Variance of
Plant Population Soil Moisture 0-12	212+%AWC
Vigor: Good OK Poor General Stress: Heat Moisture Nitrogen General Stress-Chlorophyll: None Low High General Weed Control: Good OK Poor Spotty Grasses Broadleaves Peren	ral Spotty ral Spotty Dense Spots None Required Watch Yes, see comments
Ley heppers - (low) Aphids - general	Annual Grasses AG Pigweed RRP Foxtail F Horsenettle HN Panicum -Fall FP Bindweed -Field FBW Quack grass QG Bindweed -Hedge HBW Wirestem Muhly WM Smartweed -Penn. PSM Field Sandbur FS Smart -Swamp SSM Crabgrass CG Dogbane -Hemp HDB Johnsongrass JG Lambsquarter LQU Shatercane SCA Ragweed CRAG Nutsedge NS Ragweed -Giant GRAG Winter Annuals WA Dock -Curly CD Chickweed CW Nightshade -Black BNS Biannuals WB Jimsonweed JW Cover Crop CC Canada Thistle CTH Velvetleaf VL Yellow Rocket YR Cocklebur CBUR Perennials P Milkweed CM Pokeweed PW
NE	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 % Density Variance Growth Variance Emergence Variance Soil Temperature 2"
Armyworms Flea Beetles Foliar D Stalkborers Aphids Foliar D Wireworms Slugs Corn B	Corn Maggots Disease-Rust Disease-Fungi Diseases

BioEnt - Early Season Surve	y Gary Manley	269-273-7070 or 269-816-1080
Seed Corn Corn Soybeans Wheat	Grower	MSU Date 8 18 2013
Field Name/Number Imjated	U, Pate	Growth Stage
General Appearance Size Varia	nce Lea	af Color Variance
Plant Population Soil Moisture 0-	12	12+%AWC
Stress:		ACTION: None Required Con Asserting Watch Yes, see comments
grasses general stating to produce Seed heads - Consider Catting Cutting grasses followed by Herbicido application -	Annual Grasses Foxtail F Panicum -Fall F Quack grass Q Wirestem Muhly Field Sandbur Crabgrass CG Johnsongrass J Shatercane SC Nutsedge NS Winter Annuals Chickweed CW Biannuals WB Cover Crop CC Velvetleaf VL Cocklebur CBU Milkweed CM	Horsenettle HN Bindweed -Field FBW Bindweed -Hedge HBW WM Smartweed -Penn. PSM Smart -Swamp SSM Dogbane -Hemp HDB A Ragweed CRAG Ragweed CRAG Ragweed -Giant GRAG Nightshade -Black BNS Jimsonweed JW Canada Thistle CTH Yellow Rocket YR Perennials P Pokeweed PW
W E	Soil Compa Spots (Standing W. Herbicide di Physiologici Buggywi Doubles Density Growth Plant spacir	Breaking VC / V1 ficiency Spots General ction: Soil Surface: General OHard Crusted ater Small Spots Large Spots amage Emergence stress al Disorder in Corn Yellowish whorl p Stalk bending Twisted whorl Variance Variance Variance Variance Variance
	Corn Maggots	☐ Root Damage ☐ Plants
	Disease-Rust	☐ Insects ☐ Purplish
	Disease-Fungi	☐ Diseases ☐ Yellowish
	Borer-%ed plants	☐ Nematodes ☐ Stunting

BioEnt - Early Season Survey	Gary Manley 269-273-7070 or 269-816-1080
☐ Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat	Grower 7754 Date 8 / 8 2013
Field Name/Number Non-trvigat	W 1/2 Parte Growth Stage
General Appearance Size Variance	e Leaf Color Variance
Plant Population Soil Moisture 0-12_	12+%AWC
	Dense Spots Yes, see comments
grasses general grasses general grasses general grasses general grasses general grasses grasses Seed heads— Consider Catting grasses followed by berbicike Application	Annual Grasses AG Pigweed RRP Foxtail F Horsenettle HN Panicum -Fall FP Bindweed -Field FBW Quack grass QG Bindweed -Hedge HBW Wirestem Muhly WM Smartweed -Penn. PSM Field Sandbur FS Smart -Swamp SSM Crabgrass CG Dogbane -Hemp HDB Johnsongrass JG Lambsquarter LQU Shatercane SCA Ragweed CRAG Nutsedge NS Ragweed -Giant GRAG Winter Annuals WA Dock -Curly CD Chickweed CW Nightshade -Black BNS Biannuals WB Jimsonweed JW Cover Crop CC Canada Thistle CTH Velvetleaf VL Yellow Rocket YR Cocklebur CBUR Perennials P Milkweed CM Pokeweed PW
N E	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 % Density Variance Growth Variance Plant spacing Variance Emergence Variance Soil Temperature 2"
Armyworms Flea Beetles Foliar Dis	rn Maggots sease-Rust sease-Fungi rer-%