BioEnt - Early Season Surve	Gary Manley 269-273-7070 or 269-816-1080
Stress: Heat Moisture Nitrogen Ger Stress-Chlorophyll: None Low High Gen Weed Control: Good OK Poor Spotty	12 AUUS - 70 12+ 70 - 75 %AWC neral Spotty neral Spotty leral Spotty were Spotty Watch
Comments:	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: ☐ 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	Root Damage

BioEnt - Early Season Surve	Gary Manley 269-273-7070 or 269-816-1080
Seed Corn Corn Soybeans Wheat Size Varia	Grower MS 1 Date 5 116 2013 20 Growth Stage F6 nce Leaf Color 0 Variance 12 65 - 70 AUC 12+ 70 - 75 AW %AWC
Vigor: Good OK Poor Gen Stress: Heat Moisture Nitrogen Gen Stress-Chlorophyll: None Low High Gen Weed Control: Good OK Poor Spotty	eral Spotty leral Spotty eral Spotty eral Spotty Watch
Grass Spits - Dense Spots Reduce growth in dense (6"+1)	Annual Grasses AG
N S Cutworms	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 Benergence Variance Soil Temperature 2"
Armyworms	Corn Maggots T Disease-Rust T Disease-Fungi Borer-% Nematodes Root Damage Plants Purplish Diseases Yellowish Stunting

BioEnt - Early Season Survey Gary Manley 269-273-7070 or 269-816-1080 Grower M 6 M Date 5 /16 2013 Seed Corn ☐ Corn ☐ Soybeans ☑ Wheat ☑ Growth Stage F6 13R2 Field Name/Number General Appearance Size Variance Leaf Color 8 Wariance Soil Moisture 0-12 (25-20 Plant Population Vigor: Good OK Poor ACTION: General Spotty Stress: Heat Moisture Nitrogen General Spotty None Required Stress-Chlorophyll: None Low High General Spotty Watch Weed Control: Good □OK □Poor □ Spotty □ Dense Spots Yes, see comments Grasses Broadleaves Perennials Comments: Pigweed RRP Annual Grasses AG Foxtail F Horsenettle HN Panicum -Fall FP Bindweed -Field FBW WEED - die back normal Bindweed -Hedge HBW Quack grass QG Wirestem Muhly WM Smartweed -Penn. PSM Field Sandbur FS Smart -Swamp SSM Dogbane -Hemp HDB Crabgrass CG Johnsongrass JG Lambsquarter LQU Shatercane SCA Ragweed CRAG Nutsedge NS Ragweed - Giant GRAG Winter Annuals WA Dock -Curly CD Chickweed CW Nightshade -Black BNS Jimsonweed JW Biannuals WB Cover Crop CC Canada Thistle CTH Yellow Rocket YR Velvetleaf VL Cocklebur CBUR Perennials P Pokeweed PW Milkweed CM No 1/4" Root Spike PE Germination Breaking VC/V1 Emergence Nutrient Deficiency Spots General_ Soil Compaction: Soil Surface: Spots General Hard Crusted Small Spots Large Spots Standing Water Herbicide damage Emergence stress Physiological Disorder in Corn Yellowish whorl W Buggywip Stalk bending Twisted whorl Doubles Density Variance Variance Plant spacing Variance Emergence _____ Variance Soil Temperature Plants Seed Corn Maggots Root Damage Cutworms White Grubs Foliar Disease-Rust Insects Purplish Armyworms Flea Beetles Foliar Disease-Fungi Stalkborers Aphids Yellowish Diseases Wireworms Slugs Corn Borer-% Stunting Nematodes Leafhoppers Spider mites Stunted plants

BioEnt - Early Season Surve	Gary Manley 269-273-7070 or 269-816-1080
Seed Corn Corn Soybeans Wheat	TILLA
Field Name/Number	Growth Stage
General Appearance Size S" Varia	nceLeaf ColorVariance
Plant Population Soil Moisture 0-	12 65 70 AWC 12+ 70-75 AWGAWC
Stress: Heat Moisture Nitrogen Gen Stress-Chlorophyll: None Low High Gene Weed Control: Good OK Poor Spotty	- Watch
Comments: Small Words Magward Clover Chover Clover 1" L Ragward general a Dance. Algunariance in growth & Color	Annual Grasses AG
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 Wariance Growth Variance Plant spacing Variance Emergence Variance Soil Temperature 2"
Armyworms	Root Damage

BioEnt - Early Season Survey (Gary Manley 269-273-7070 or 269-816-1080		
Seed Corn Corn Soybears Wheat General Appearance Size // Varian	6 STOWITStage	
Plant Population Soil Moisture 0-12		
Vigor: Good OK Poor Gene Stress: Heat Moisture Nitrogen Gene Stress-Chlorophyll: None Low High Gene Weed Control: Good OK Poor Spotty Grasses Broadleaves Peren	ral Spotty The Spotty	
growth development pour al	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 Alfarta Ween! 1.0 larga/Sweep W. 2 m/3:2; niton E Alfalfa: 15-16'1 S	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	Corn Maggots Disease-Rust Disease-Funding Disease-Funding Disease-Funding Diseases D	

BioEnt - Early Season Survey Gary Manley 269-273-7070 or 269-816-1080 Grower MS4 Seed Corn Corn Soybeans Wheat Growth Stage Field Name/Number Iry jation Study -General Appearance Judy Size Variance Leaf Color Ak Variance Soil Moisture 0-12 65-70 Plant Population General Spotty Vigor: Good KOK Poor ACTION: None Required Stress: Heat Moisture Nitrogen General Spotty Stress-Chlorophyll: None Low High General Spotty I Watch Weed Control: Good OK Poor Spotty Dense Spots Yes, see comments Grasses Broadleaves Perennials Comments: No irrigation to date Annual Grasses AG Piaweed 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 Ragweed - Giant GRAG Nutsedge NS Winter Annuals WA Dock -Curly CD Chickweed CW Nightshade -Black BNS Biannuals WB Jimsonweed JW Canada Thistle CTH Cover Crop CC Yellow Rocket YR Velvetleaf VL Cocklebur CBUR Perennials P Milkweed CM Pokeweed PW No 1/4" Root Spike PE Germination N Emergence Breaking VC/V1 Nutrient Deficiency Spots General Soil Compaction: Soil Surface: OHard Ocrusted Spots General Small Spots Large Spots Standing Water Herbicide damage Emergence stress Yellowish whorl Physiological Disorder in Corn Buggywip Stalk bending Twisted whorl Doubles Density Variance Variance Plant spacing Variance Emergence Variance Soil Temperature Seed Corn Maggots Plants Cutworms White Grubs Root Damage Foliar Disease-Rust Armyworms Flea Beetles Insects Purplish Aphids Foliar Disease-Fungi Stalkborers Diseases Yellowish Wireworms Slugs Corn Borer-% Nematodes Stunting Leafhoppers Spider mites Stunted plants

BIOEIII - Early Season Surve	Gary Maniey 209-2/3-70/0 or 209-616-1060
Seed Corn Corn Soybeans Wheat	Grower Date 5 / 16201 3
Field Name/Number N Rate non-	Trigated Growth Stage
General AppearanceSizeVaria	
Plant Population Soil Moisture 0-	
Plant PopulationSoil Moisture 0-	
Stress: Heat Moisture Nitrogen Ger	
Comments:	
No Irrigation to	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
date	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	Germination No 1/4" Root Spike PE
W E	Emergence
Cutworms White Grubs / Seed	Corn Maggots Root Damage Plants
	r Disease-Rust
	r Disease-Fungi
	Borer-% Nematodes Stunting
	tou plants