

FILED

December 7, 2016

DEC 22 2016

Case no. EA-2016-0358

Missouri Public
Service Commission

Dear Commissioners of The Missouri PSC,

My name is Kent Dye and I am a landowner in southern Monroe County. I have decided to only address a few of my concerns, as there are too many to mention in five minutes.

My family and I own farmland lying on 3 1/4 miles of the proposed route. In 2014 our regional electrical supplier upgraded the existing transmission to double 40' tall pole structures. This is a 69,000-volt line and can carry double the load if needed. By comparison, Grain Belt's line will carry almost 10 times that amount of power. There is more than adequate transmission line capacity in the state to supply electricity from whatever source is necessary. There is also a much higher probability that clean burning coal will have a larger presence under our new administration.

I have studied yield maps from the last 2 years on one of the farms that this line crosses and have calculated an average yield loss of 35% and an economic loss of \$177 per acre at today's commodity prices. This construction did not involve concrete, steel, and the massive evacuation of dirt that the Grain Belt line will require. Grain Belt's line would parallel this line across some of the same farms and at a 200' easement would encompass 79 acres. The line would require an average of 13 towers and at a minimum height of 110 feet would need about 240 truckloads of concrete and 260 tons of steel just for the pier foundations. There is also the problem of where the clay soil, which is best suited for making bricks, from holes up to 50' deep will be disposed of on our nearly flat farmland. The amount of compaction and creation of ruts in our fields would be devastating to crop production for an unforeseeable future and will far exceed the amount of losses we are currently experiencing.

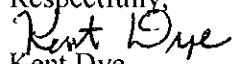
I am also on the Board of Directors of Northeast Missouri Grain Processors, who represent the farmer-owned majority of POET Biorefining of Macon, Missouri. POET Biorefining is an ethanol plant with over 300 members, many of who raise corn for the production of grain ethanol for fuel, as well as other corn-derived byproducts such as dried distillers grain and CO₂. As a board member, I am also adamantly opposed to the development and construction of the Grain Belt Express transmission line.

Grain Belt Express, a private company, should NOT be granted the power of eminent domain to construct one of the largest high-voltage DC transmission lines in the world to carry power through Missouri to the East Coast, as there is little to no benefit to the residents of Missouri. Quite the contrary, it will be detrimental: This massive power line will decrease our property values far beyond any compensation and decrease production from our land by compaction, erosion, loss of acreage, and future potentials such as irrigation. Additionally, there is a restriction on growing crops over 10 feet tall underneath power lines; this could include corn.



Giving a private company such as Grain Belt Express the power of eminent domain would set a dangerous precedent for the future, as other companies would surely follow. Grain Belt Express has stated in their easement agreement that their rights may be sold, mortgaged, or leased in whole or in part at any time. I see this as yet another attempt to take away our landowner rights for private gain.

I place a high value on the property rights of our members of NEMO Grain and of all Missourians, which is why I stand firmly opposed to the granting of power of eminent domain to Grain Belt Express-Clean Line Energy Partners. Thank you for the opportunity to express my concerns.

Respectfully,

Kent Dye

Selection Info Detail Report

Client Information:

Client: Kent Dye
 Farm: towles
 Field: All Beans

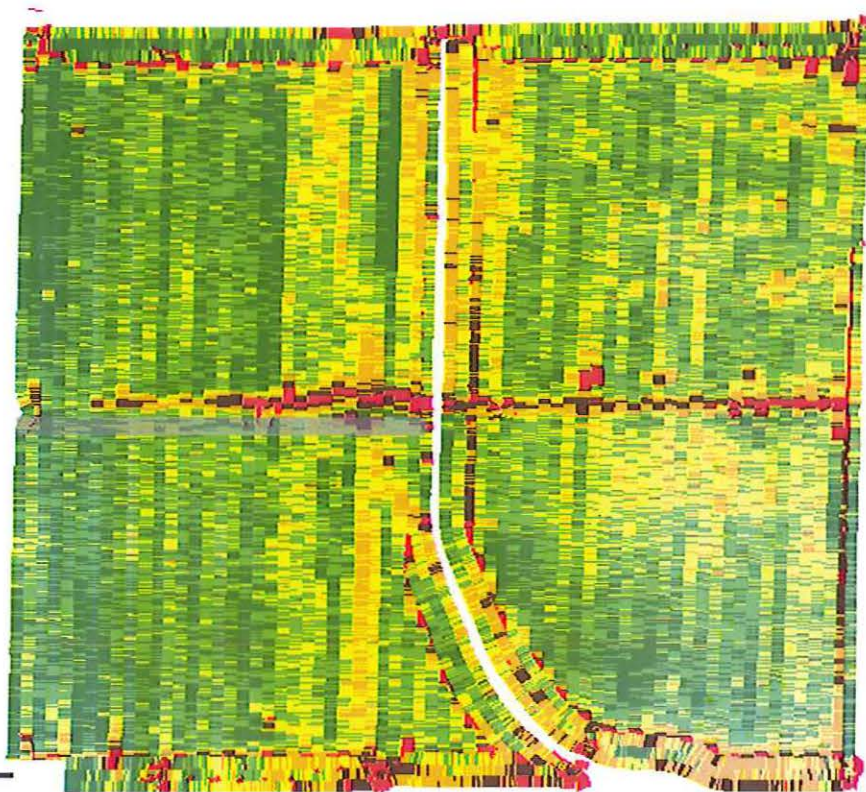
Field Information:

Average Fuel: 23 gal/h
 Area: 1.78 ac
 Elapsed Time: 0.101 h
 End Time: 10/14/2016 11:31:27 AM
 Average Moisture: 13.03 %
 Average Dry Weight: 3,007.8 lb/ac
 Average Wet Weight: 3,019.44 lb/ac
 Average Dry Yield: 50.1 bu/ac Non-Compacted
 Maximum Moisture: 15.63 %
 Maximum Dry Weight: 4,424.6 lb/ac
 Maximum Wet Weight: 4,491.21 lb/ac
 Maximum Dry Yield: 73.7 bu/ac

Field Information (Cont):

Minimum Moisture: 11.82 %
 Minimum Dry Weight: 0.0 lb/ac
 Minimum Wet Weight: 0.00 lb/ac
 Minimum Dry Yield: 0.0 bu/ac
 Total Dry Weight: 5,345 lb
 Total Wet Weight: 5,365.92 lb
 Total Dry Yield: 89.1 bu
 Productivity: 17.53 ac/h
 Minimum Time: 10/13/2016 3:27:17 PM

2016 Non-compacted bean yield 49.3 bPA
 2016 Compacted bean yield 31.8 BPA
 Yield loss 17.5 bushels per acre
 Economic loss @ \$10.00 per bushel
 \$175.00 Per acre



Selection Info Detail Report



Client Information:

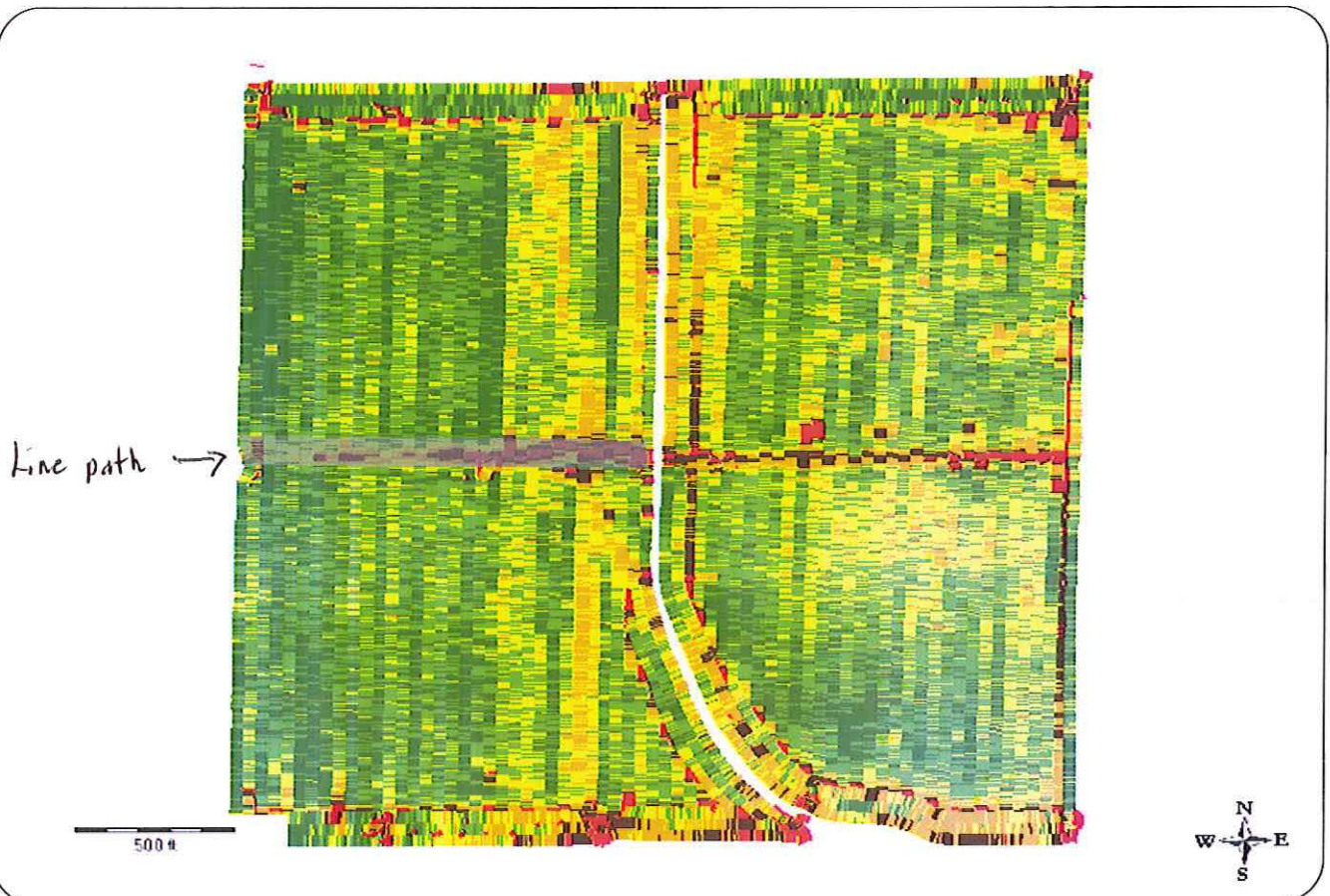
Client: Kent Dye
Farm: towles
Field: All

Field Information:

Average Fuel: 21 gal/h
Area: 2.71 ac
Elapsed Time: 0.164 h
End Time: 10/14/2016 11:31:13 AM
Average Moisture: 13.05 %
Average Dry Weight: 2,191.5 lb/ac
Average Wet Weight: 2,198.81 lb/ac
Average Dry Yield: 36.5 bu/ac *Compacted*
Maximum Moisture: 15.37 %
Maximum Dry Weight: 4,605.2 lb/ac
Maximum Wet Weight: 4,605.17 lb/ac
Maximum Dry Yield: 76.8 bu/ac

Field Information (Cont):

Minimum Moisture: 11.92 %
Minimum Dry Weight: 0.0 lb/ac
Minimum Wet Weight: 0.00 lb/ac
Minimum Dry Yield: 0.0 bu/ac
Total Dry Weight: 5,948 lb
Total Wet Weight: 5,968.05 lb
Total Dry Yield: 99.1 bu
Productivity: 16.56 ac/h
Minimum Time: 10/13/2016 3:26:51 PM



Selection Info Detail Report



Client Information:

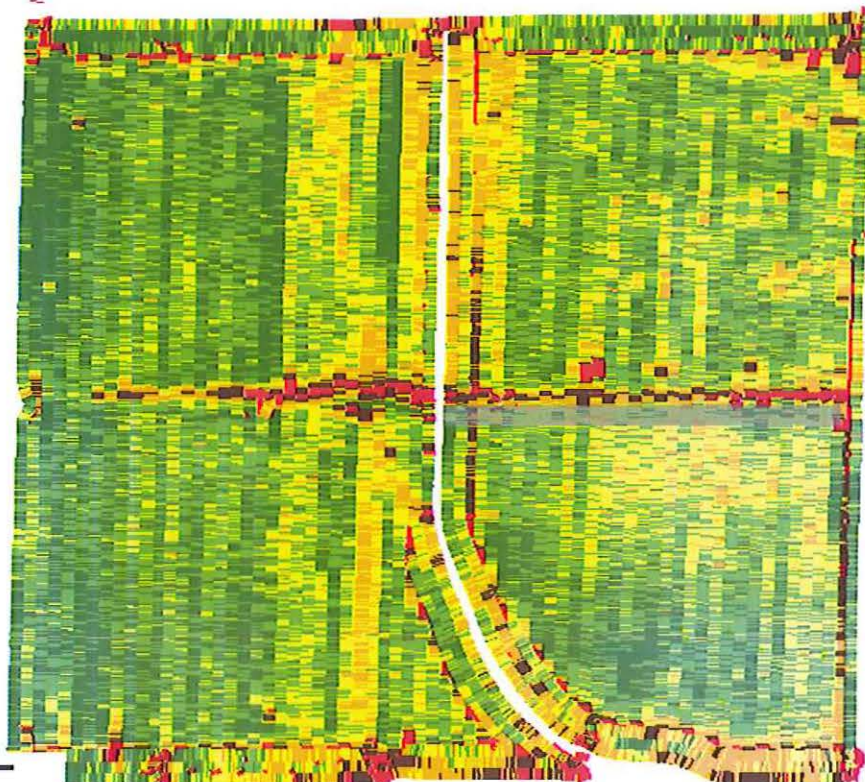
Client: Kent Dye
Farm: towles
Field: All

Field Information:

Average Fuel: 22 gal/h
Area: 1.91 ac
Elapsed Time: 0.119 h
End Time: 10/14/2016 4:57:19 PM
Average Moisture: 13.50 %
Average Dry Weight: 2,912.3 lb/ac
Average Wet Weight: 2,930.08 lb/ac
Average Dry Yield: 48.5 bu/ac *Non-compacted*
Maximum Moisture: 14.61 %
Maximum Dry Weight: 4,617.8 lb/ac
Maximum Wet Weight: 4,691.11 lb/ac
Maximum Dry Yield: 77.0 bu/ac

Field Information (Cont):

Minimum Moisture: 12.64 %
Minimum Dry Weight: 0.0 lb/ac
Minimum Wet Weight: 0.00 lb/ac
Minimum Dry Yield: 0.0 bu/ac
Total Dry Weight: 5,577 lb
Total Wet Weight: 5,610.93 lb
Total Dry Yield: 92.9 bu
Productivity: 16.14 ac/h
Minimum Time: 10/14/2016 12:23:50 PM



Selection Info Detail Report



Client Information:

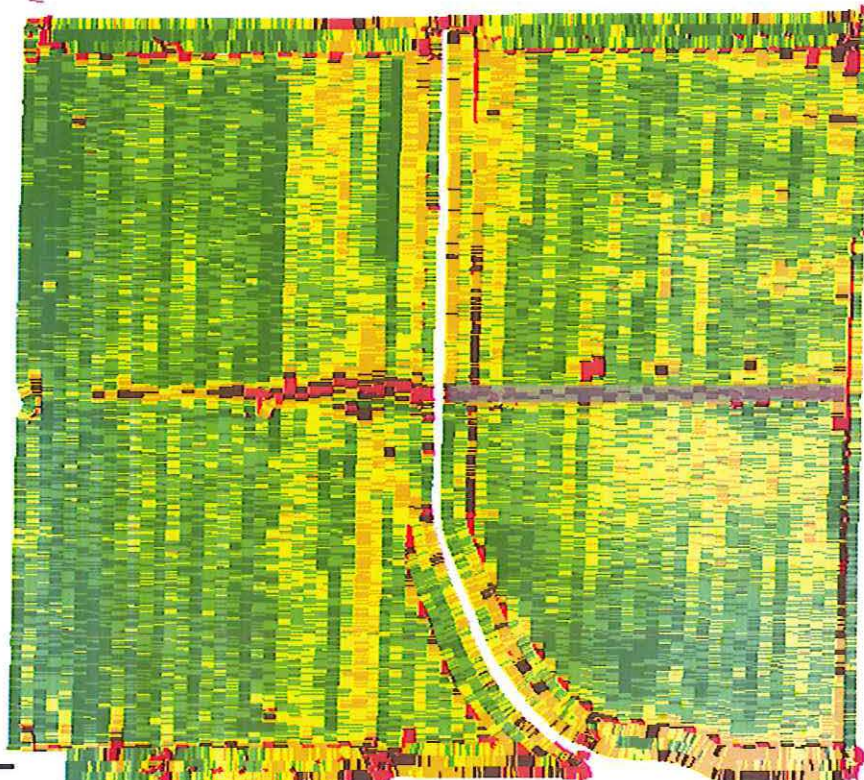
Client: Kent Dye
Farm: towles
Field: All

Field Information:

Average Fuel: 19 gal/h
Area: 1.44 ac
Elapsed Time: 0.113 h
End Time: 10/14/2016 4:57:55 PM
Average Moisture: 13.56 %
Average Dry Weight: 1,633.2 lb/ac
Average Wet Weight: 1,644.09 lb/ac
Average Dry Yield: 27.2 bu/ac *Compacted*
Maximum Moisture: 14.86 %
Maximum Dry Weight: 3,824.8 lb/ac
Maximum Wet Weight: 3,824.84 lb/ac
Maximum Dry Yield: 63.7 bu/ac

Field Information (Cont):

Minimum Moisture: 12.70 %
Minimum Dry Weight: 0.0 lb/ac
Minimum Wet Weight: 0.00 lb/ac
Minimum Dry Yield: 0.0 bu/ac
Total Dry Weight: 2,359 lb
Total Wet Weight: 2,374.76 lb
Total Dry Yield: 39.3 bu
Productivity: 12.81 ac/h
Minimum Time: 10/14/2016 12:23:33 PM



Selection Info Detail Report



Client Information:

Client: Kent Dye
 Farm: towles
 Field: All **CORN**

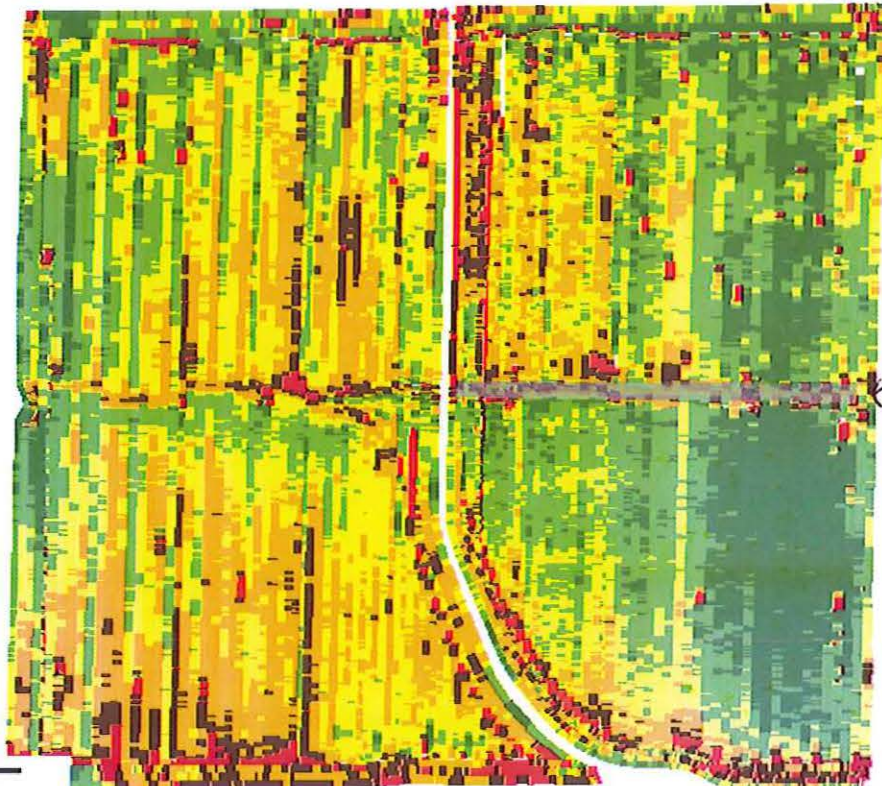
Field Information:

Average Fuel: 12 gal/h
 Area: 1.47 ac
 Elapsed Time: 0.119 h
 End Time: **10/9/2015** 10:31:50 AM
 Average Moisture: 14.13 %
 Average Dry Weight: 6,934.7 lb/ac
 Average Wet Weight: 6,934.74 lb/ac
 Average Dry Yield: **123.8 bu/ac** *compacted*
 Maximum Moisture: 15.63 %
 Maximum Dry Weight: 17,594.9 lb/ac
 Maximum Wet Weight: 17,594.95 lb/ac
 Maximum Dry Yield: 314.2 bu/ac

Field Information (Cont):

Minimum Moisture: 3.81 %
 Minimum Dry Weight: 0.0 lb/ac
 Minimum Wet Weight: 0.00 lb/ac
 Minimum Dry Yield: 0.0 bu/ac
 Total Dry Weight: 10,203 lb
 Total Wet Weight: 10,203.38 lb
 Total Dry Yield: 182.2 bu
 Productivity: 12.38 ac/h
 Minimum Time: 10/8/2015 7:35:13 PM

*2015 Non-compacted Corn Av. 180.4 BPH
 2015 Compacted Corn Av. 129.3 BPH
 Yield loss 51.1 Bushels per acre
 x \$3.50 Bushel
 Economic loss \$178.85 Per acre
 38% Yield loss*



Line path

Selection Info Detail Report



Client Information:

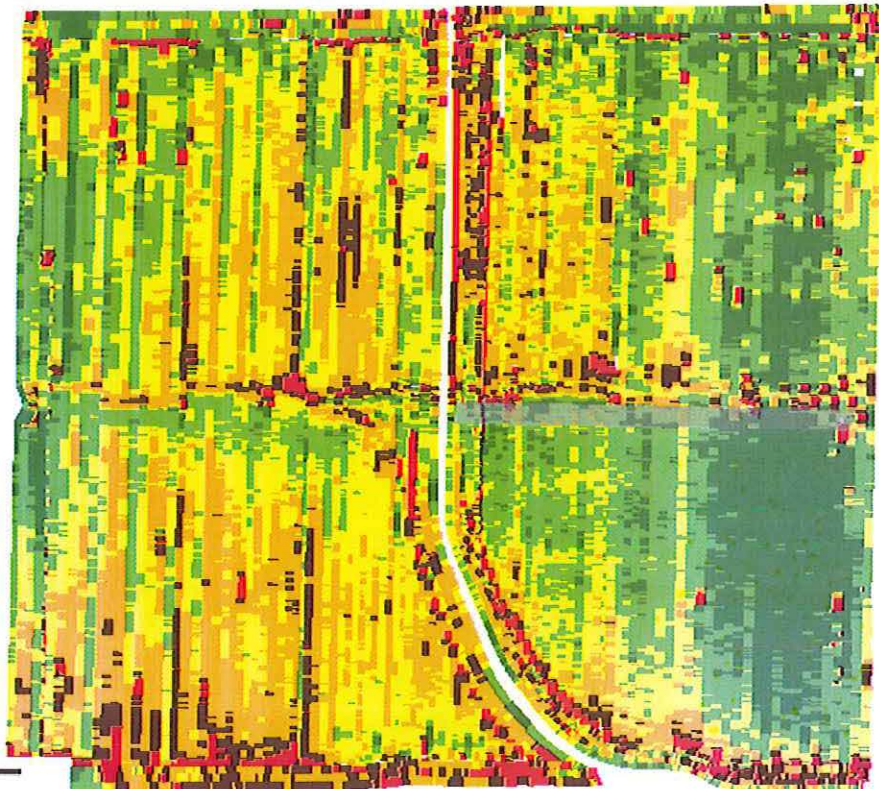
Client: Kent Dye
Farm: towles
Field: All

Field Information:

Average Fuel: 14 gal/h
Area: 1.94 ac
Elapsed Time: 0.144 h
End Time: 10/9/2015 10:32:00 AM
Average Moisture: 14.13 %
Average Dry Weight: 11,104.7 lb/ac
Average Wet Weight: 11,105.19 lb/ac
Average Dry Yield: 198.3 bu/ac *Non-Compacted*
Maximum Moisture: 15.44 %
Maximum Dry Weight: 100,000.0 lb/ac
Maximum Wet Weight: 100,000.00 lb/ac
Maximum Dry Yield: 1,785.7 bu/ac

Field Information (Cont):

Minimum Moisture: 12.43 %
Minimum Dry Weight: 0.0 lb/ac
Minimum Wet Weight: 0.00 lb/ac
Minimum Dry Yield: 0.0 bu/ac
Total Dry Weight: 21,528 lb
Total Wet Weight: 21,528.85 lb
Total Dry Yield: 384.4 bu
Productivity: 13.47 ac/h
Minimum Time: 10/8/2015 7:35:01 PM



Selection Info Detail Report



Client Information:

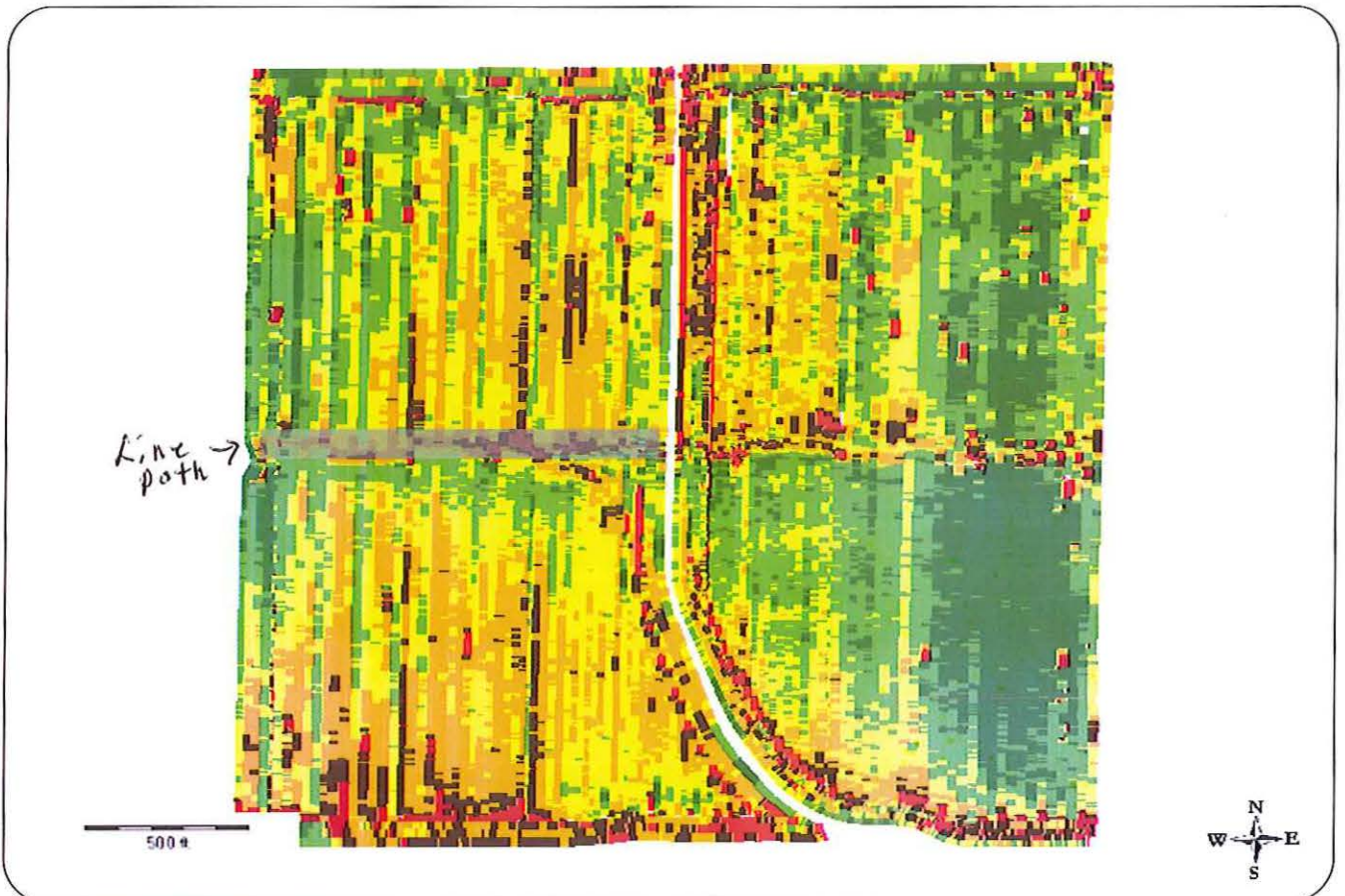
Client: Kent Dye
Farm: towles
Field: All

Field Information:

Average Fuel: 12 gal/h
Area: 2.60 ac
Elapsed Time: 0.193 h
End Time: 10/9/2015 2:39:41 PM
Average Moisture: 14.31 %
Average Dry Weight: 7,546.3 lb/ac
Average Wet Weight: 7,546.30 lb/ac
Average Dry Yield: 134.8 bu/ac *Compacted*
Maximum Moisture: 16.20 %
Maximum Dry Weight: 48,517.0 lb/ac
Maximum Wet Weight: 48,516.97 lb/ac
Maximum Dry Yield: 866.4 bu/ac

Field Information (Cont):

Minimum Moisture: 13.46 %
Minimum Dry Weight: 0.0 lb/ac
Minimum Wet Weight: 0.00 lb/ac
Minimum Dry Yield: 0.0 bu/ac
Total Dry Weight: 19,595 lb
Total Wet Weight: 19,595.13 lb
Total Dry Yield: 349.9 bu
Productivity: 13.45 ac/h
Minimum Time: 10/9/2015 10:50:29 AM



Dry Yield

Kent Dye - towles - All



Client Information:

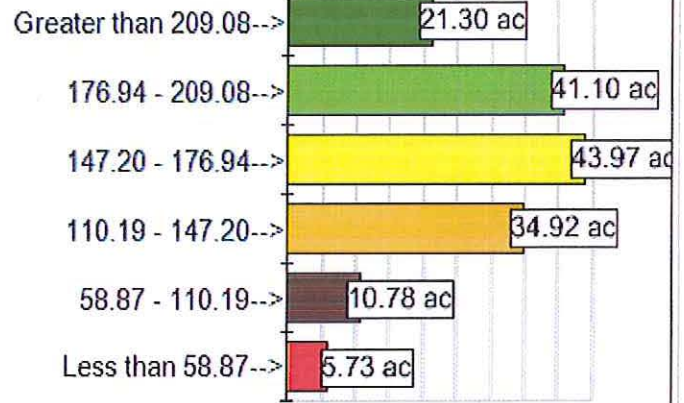
Client: Kent Dye
Farm: towles
Field: All

Field Information:

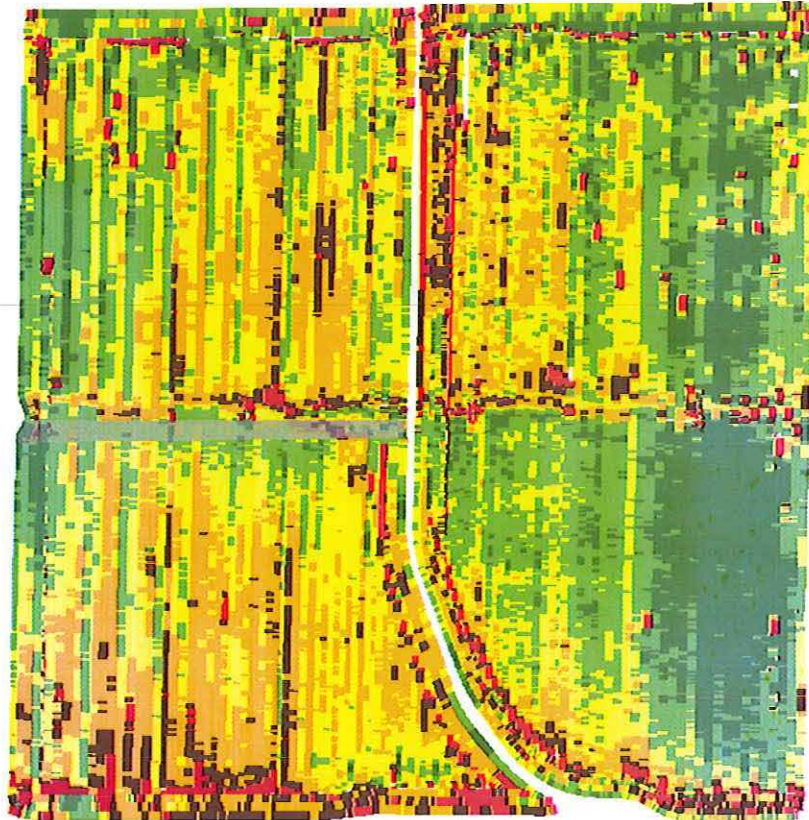
Crop: Corn
Start Date: 10/8/2015
Product: Corn
Elapsed Time: 10.819 h
Area: 155.30 ac
Average Yield: 162.5 bu/ac *Non-compacted*
Average Dry Weight: 9,102.1 lb/ac
Total Yield: 25,653.7 bu
Total Dry Weight: 1,436,607 lb
Average Moisture: 14.39 %
Productivity(area/hour): 14.59 ac/h

Legend Information:

Units = bu/ac



Field information and legend apply to active map layer only.



50 ft

