

Planting # 118
 2015 Planting History
 CCK planting
 Prepared by Kim Elsenbroek 11.13.2015
 Maps by: Jocelyn Frazelle

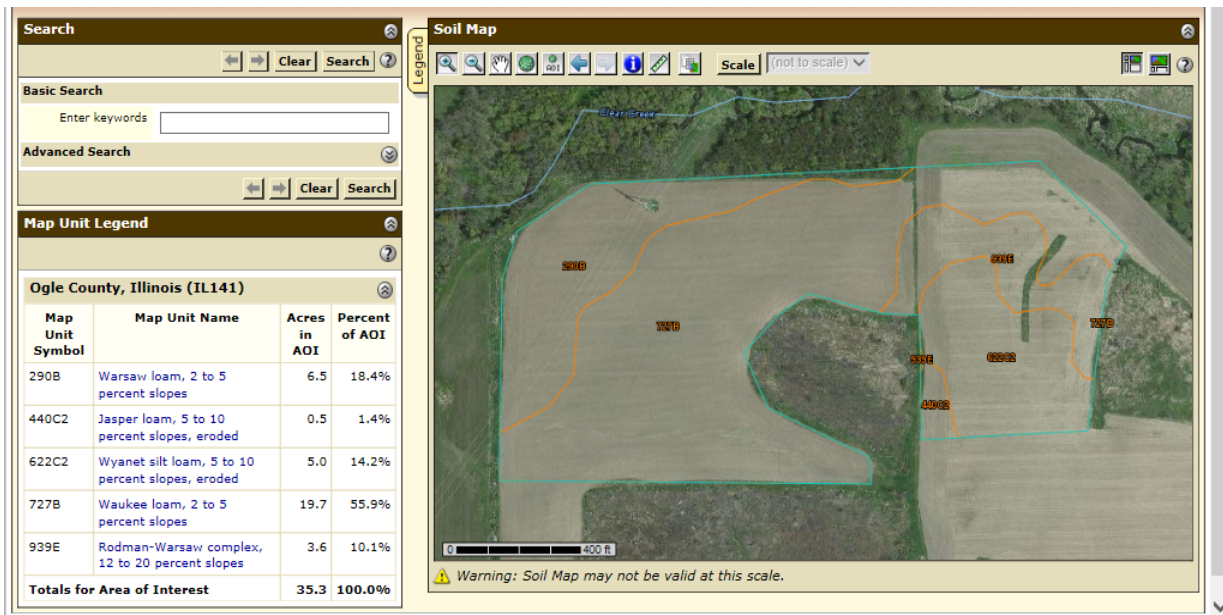
34 Acres Total – all in burned cornfield
Dry Mesic: 42 barrels

Site Conditions

Location:
 General location – Clear Creek Knolls
 GPS: N 41° 54' 30" W -89° 19' 38" Elevation: 725-770 ft

County: Ogle

Soil Types



This was a crew planting completed by Jake Henry and Kim Elsenbroek a couple days after burning corn stubble. We planted at 40lbs/acre and used 42 barrels total (1,460lbs dry mesic seed milled).

*All of the soils have been under intensive agriculture. Above are basic descriptions, a complete soil test is needed to determine specific soil characteristics. For more additional information see Soil Web Survey website: <http://websoilsurvey.nrcs.usda.gov/app/>

Topography

Fairly flat to gently rolling.

Agricultural History

CCK in this portion has been in row crop ag since at least 2004, and likely for a few decades before that.

Site Preparations

Corn stubble was burnt off in November 2015. The burn left visible corn rows and stalks but the ground was blackened.

Planting the seed

Jake Henry and Kim Elsenbroek planted CCK 118 November ___ 2015. We used two seeders and circled the field two trucks wide and planted the rest of the field by following corn rows and gaging each turn off of each other to ensure the cover of all ground. We covered the entire planting three times with dry mesic seed.

Weather:

Dry Mesic – 34 acres. 40 lbs/acre. 1460 lbs total.

Jake and Kim planted 20 acres on day one and 14 acres on day two of the CCK 118 planting. We used 11 barrels on our first pass on the 20 acre lot. On day two of planting CCK 118, we planted the 14 acre portion, which is less than what we burned but we did not plant all of the burned area so as to leave a nice shape for the farmers next year to plant their crops. Total we used 21 barrels on the 20 acre plot and 15 barrels on the 14 acre plot.

Planting Mixes

Over 3,000lbs of seed was collected for the planting this year.

Five mixes (dry mesic, wet, dry, savanna and dry step in) were created out of this seed; but we only used dry mesic for CCK planting 118.

1,460 lbs of dry mesic

Species Richness

Dry Mesic: 111

Total Species for CCK planting 118: 111

Maps:



Lessons Learned:

Jake and Kim brought out the GPS unit to mark the boundaries of this unit but all of the memory on the unit was taken up so we could not mark the boundaries upon planting. Next time we should make sure that the GPS unit is cleared and ready to accept new data before going out to the field.