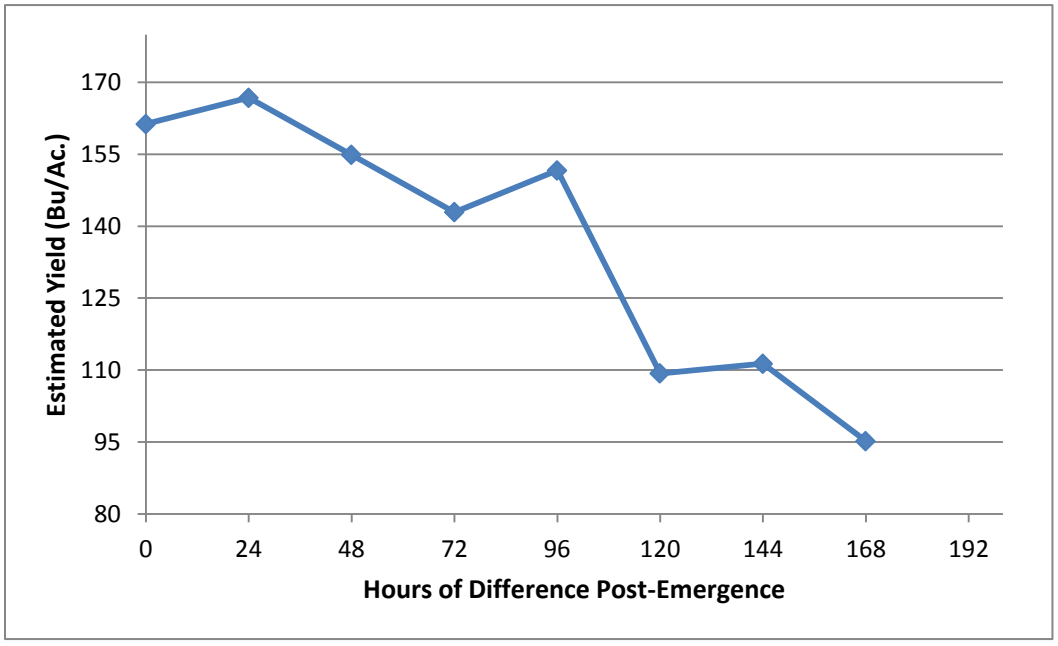
2016 Emergence Trials

We did more than just genetic and agronomic trials this year at Marc Hutlet Seeds Ltd.. As you may have already heard, we planted a number of emergence trials this spring; and the results are finally here.

This observational study was conducted by placing color-coded flags beside the plants as they were emerging. The emergence was monitored at every 24 hour interval.

We conducted a total of five separate emergence trials across our area. The graph below is a compilation of all six trial results to demonstrate the relationship between delayed emergence and its effect on yield.

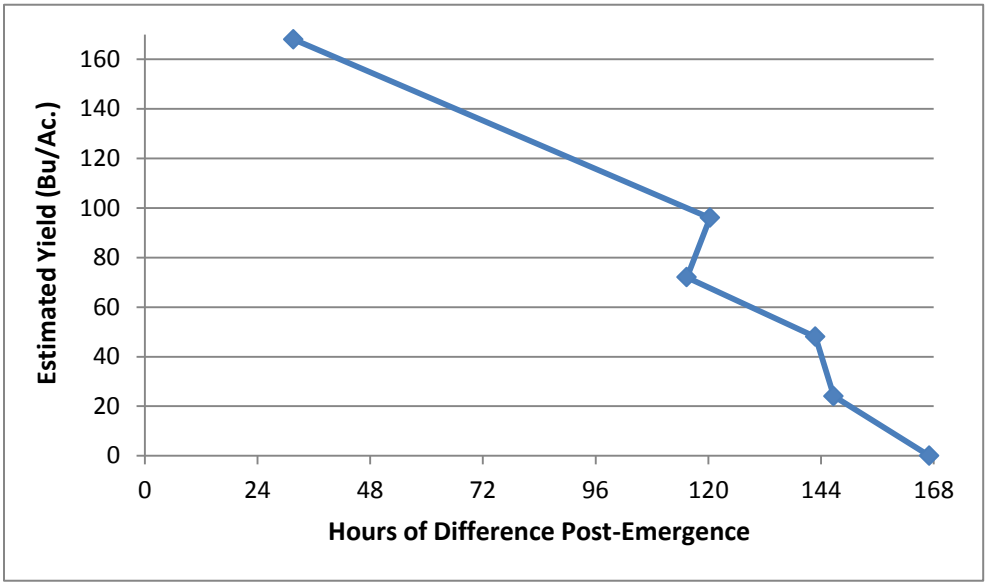


With an average estimated yield of 161.33 Bu/ac across all 5 plots at “0 hours delayed”; this graph shows the overall predicted yield losses observed on every 24-hour interval. The general trend demonstrates a clear correlation between increased yield loss and delayed emergence. **Overall, the longer emergence was delayed, the more yield potential was lost.**

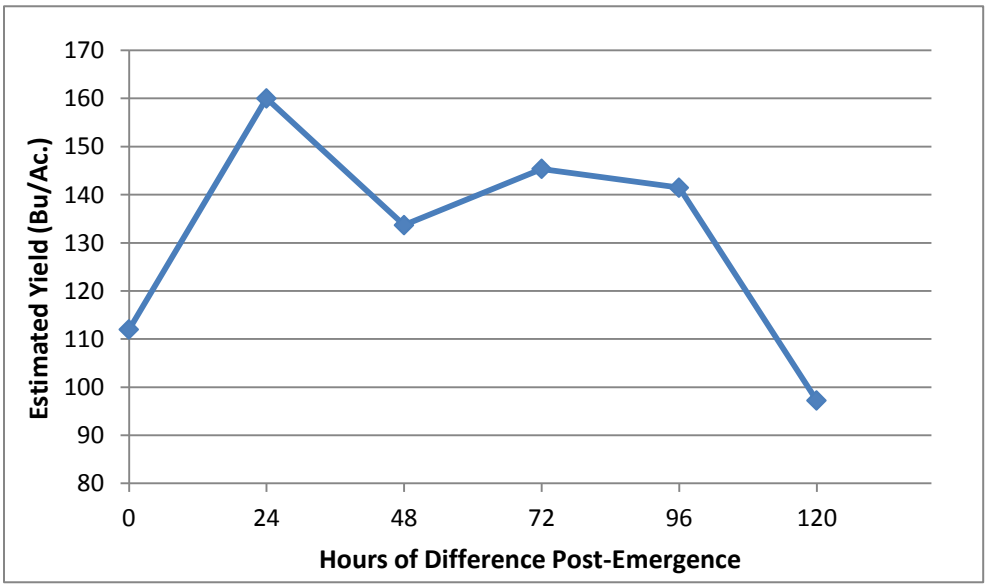
2016 Emergence Trials

Below we have graphed the data for each individual trial. Each point on the graphs reflects the average estimated yield of all plants that emerged within that 24 hour interval within that particular plot. *NOTE: some plots had only 1 or 2 plants come up during the initial emergence, followed by many more plants within 24 hours. In those cases, the few initial plants typically had estimated yields lower than plants that came up 24 hours later in larger numbers. **A conclusion can be reached that although delayed emergence clearly has a detrimental effect on yield potential, even emergence, whether delayed or not, may also be a factor.**

Henervic Farms - P7958AM. Plant Date: May 3rd, 2016.

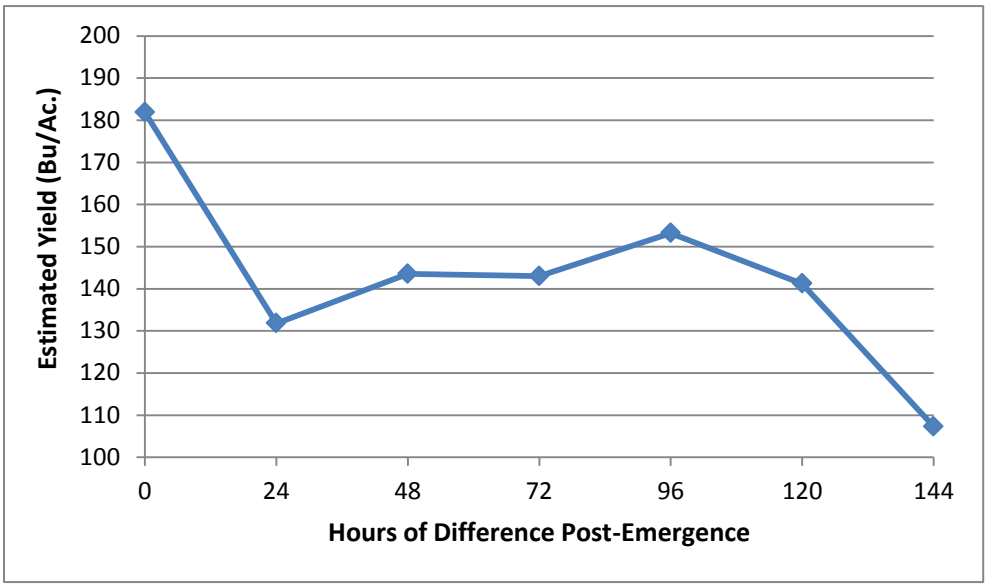


Henervic Farms – P7632AM. Plant date: May 3rd, 2016.

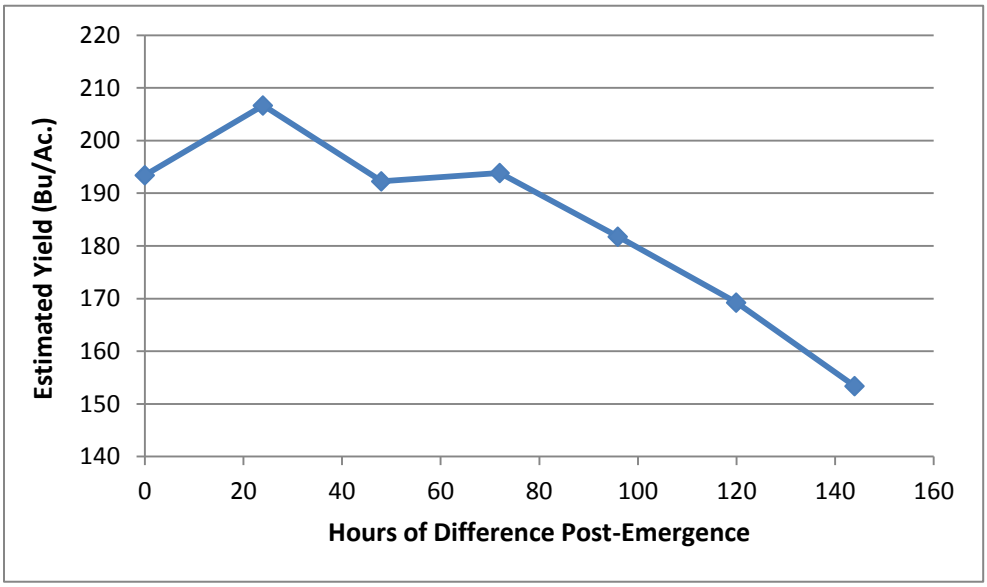


2016 Emergence Trials

Henervic Farms – P7632AM (With QuickRoots Seed Treatment). Plant date: May 3rd, 2016.

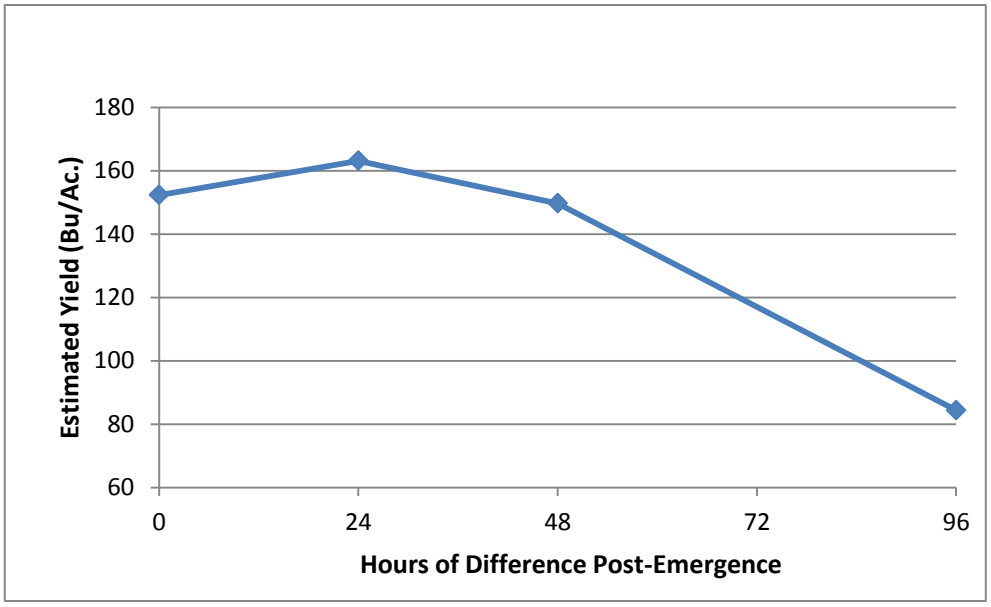


Scott Rempel – P7958AM. Plant date: May 4th, 2016



2016 Emergence Trials

Four Oak Farms – P7958AM. Plant Date: May 5th 2016



*For all values of 168 hours, there was a significant gap between those plants emerged, so much that their emergence was approximately 7-10 days after the rest. This results in stunted plants with the ultra low yields seen above.