



## Great Lakes Yield Enhancement Network (YEN) Checklist

This checklist will help you ensure you have completed all the necessary tasks for analysis and reporting.

### In-Field Sampling

- Mark off a 1 to 3 acre areas using 4 markers (i.e. 6 ft fibreglass flag poles, wooden stakes, etc.) taller than a wheat crop canopy. Within that area mark off 10 sampling areas with markers taller than the wheat crop canopy.
- Collect 1 soil sample in prelabelled sample bag and mail to lab
- Collect 1 tissue sample at GS 31 (1<sup>st</sup> node) in prelabelled sample bag and mail to appropriate lab
- Collect 1 tissue sample at GS 39 (flag leaf) in prelabelled sample bag and mail to appropriate lab
- Collect 100 shoots from sample area in prelabelled sample bag and mail to appropriate lab

### Harvest

- Verify length and width of harvested area before crop is harvested.
- Weight grain harvested from the plot using a scale or weigh wagon.
- Determine the test weight and moisture.
- Collect 1.5 kg grain sample, ensure YEN ID and date are clearly labelled and mail to appropriate lab.
- Complete and submit yield verification form.





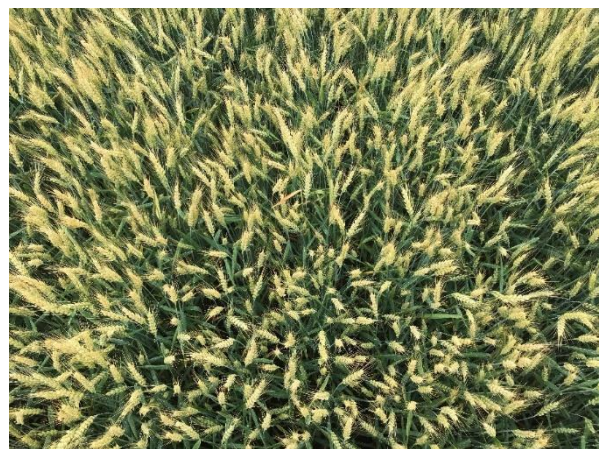
## Data Collection

- Enter all field information in database by May 1<sup>st</sup>
- Enter all agronomic information in database by August 1<sup>st</sup>
- Enter all growth stage information in database by August 1<sup>st</sup>
- Enter all yield information in database by August 25<sup>th</sup>

## Photo Capture:

- Take overhead photo at first node (GS 31)
- Take overhead photo at flag leaf (GS 39)
- Take overhead photo at flowering (GS 60)
- Take overhead photo at hard dough/physiological maturity (GS 87)

Example photos:



MICHIGAN STATE UNIVERSITY | Extension



Ontario 

UNIVERSITY of GUELPH