Chart

Description automatically generated

Table 2 Summary of growth analysis changes in complex rotation maize compared to simple rotation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Increase in maize yield in complex rotation** | **Timing of complex rotation’s maize growth advantage** | **Increase in harvest index in complex rotation** | **Increase in 500-kernal weight in complex rotation** |
|  | *Mg ha-1* |  |  | *grams* |
| 2018 | 2.02\*\*\* | Late season | 0.05\*\*\* | 20\*\* |
| 2013 | 0.90\*\* | Early season | 0.02\*\* | *ND* |
| 2014 | 0.67\* | NS | NS | *ND* |
| 2020 | NS | NS | NS | NS |
| 2019 | NS | NS | NS | NS |
| *ND* – no data was collected, NS – not significant  \* p<0.10, \*\*p<0.05, \*\*\*p<0.01 | | | | |

Chart, box and whisker chart

Description automatically generated

Chart

Description automatically generated with low confidence

Chart, histogram

Description automatically generated