A total of 47 rice genotypes were evaluated in two replications at ICAR-CSSRI, Karnal. The traits which were recorded are Days to 50% flowering with mean of 111 days, plant height with average of 114.68 cm, average panicle length of 25.39 cm, productive tiller per plant is 10.69, average grain yield of 4401 Kg/ha, average zinc content (ppm) of 19.69 and average iron content (ppm) of 9.46 ppm (Table 1). Based on the grain yield the following entries IR 93342:14-B-23-18-5-1RGA-2RGA-1-B, IR15M1178, IR14M124, IR93337:37-B-15-15-22- RGA-2RGA-1-B recorded the highest grain yield. The genotype IR14M124 consistently performing with grain yield more than 5.3 t./ha in the season 2020 and 2021. The entry IR 95040:12-B-3-10-2-GBS, IR 93342:14-B-23-18-5-1RGA-2RGA-1-B, IR15M1274, IR15M1178 and IR14M123 recorded highest Zn containing genotypes (>23 ppm). Entry IR14M123, IR 93346:1-B-13-7-6-1RGA-2RGA-1-B, IR15M1053, IR14M121 and IR 95040:12-B-3-10-2-GBS found with highest Fe containing genotypes(>10ppm).

**Table 1.** Mean, maximum and minimum values for Grain yield (kg/ha) and yield contributing character

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **Days 50%** | **Plant Height(cm)** | **Panicle Length(cm)** | **Tiller per plant** | **Grain yield (kg/ ha)** | **Zn content (ppm)** | **Fe content (ppm)** |
| Mean | 111 | 114.68 | 25.39 | 10.69 | 4401 | 19.69 | 9.46 |
| Maximum | 136 | 137.75 | 33.5 | 15.75 | 6098 | 27.8 | 12.75 |
| Minimum | 99 | 87.5 | 19.75 | 5.5 | 2321 | 14 | 7.55 |