Abstract: The research was carried out to determinate the effects of different nitrogen dose (8 and 14 N kg/da) and liquid fertilizer applications ((Amino Turbo, Biomax, SüperTonik, Folfinex) on yield and yield components of kızıltan-91 wheat cultivar under the ecological conditions of Uşak in 2013. The study was established on Randomized Blocksplit-plot design with 3 replications. The nitrogen dose took place in the main plots whereas the applications were in the sub-plots (nitrogen fertilizer 1/2 at sowing + 1/2 initiation of stem elongation stage (early spring ) 2. 1/3 at sowing + 1/3 early spring +1/3 the stem elongation, 3. 1/2 at sowing + 1/2 early spring +Amino turbo, 4. 1/2 at sowing + 1/2 early spring +Biomax, 5. 1/2 at sowing + 1/2 early spring +Süper tonik and 6. 1/2 at sowing + 1/2 early spring +Folfinex). According to the results, nitrogen doses increased significantly plant height, number of spike per square meter, the number of grain per spike, the weight of grain per spike grain yield and crude protein content but the effects of the nitrogen applications on test weight, thousand kernel weights and vitreousness were not significant. On the other hand, it was found that in the different time of nitrogen by dividing and added liquid fertilizer applications had significant effect on examined agronomic properties (except vitreousness ). In the research it was determined that the highest grain yield was obtained by applying 14 kg N/da as 1/2 at sowing + 1/2 early spring +Folfinex. Also it was indicated that nitrogen given inthree different times was not affected significantly on the yield and quality characteristics and the liquid fertilizer sold the name Folfinex was more effective.