Figure 1. Frequency histograms for the distribution of (A) seed oil (g/Kg-1), (B) seed protein (g/Kg-1), and (C) seed weight (grams per 100 seeds) of 180 RILs of LMN09-119 (P1) x N09-09 (P2) (Pop 201) and 170 RILs of LMN09-19 (P3) x N13-47 (P4) (Pop 202). Measurements are averaged over three environments from the Central Crops Research Station in Clayton, NC, the Tidewater Research Station in Plymouth, NC, and the Caswell Research Farm in Kinston, NC.

Figure S1. LOD Profiles for seed oil for each environment for soybean mapping population 201.

Figure S2. LOD Profiles for seed protein for each environment for soybean mapping population 201.

Figure S3. LOD Profiles for seed weight 9SDWT) for each environment for soybean mapping population 201.

Figure S4. LOD Profiles for seed oil for each environment for soybean mapping population 202.

Figure S5. LOD Profiles for seed protein for each environment for soybean mapping population 202.

Figure S6. LOD Profiles for seed weight (SDWT) for each environment for soybean mapping population 202.