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Source-sink relationship in soybean genotypes in summer season

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ABSTRACT

The newly developed soybean genotypes (*Glycine max.*L.Merril) grown in summer season, which have different yielding ability and duration tested for its better source-sink relationship in terms of leaf dry weight, total dry weight, leaf area, leaf area index, to overcome problem of quality seed production. The source-sink relationship among genotypes is different. The genotypes MAUS 61-2 had better source strength because of maximum number of leaves, high dry matter of leaves and high leaf area and leaf area index. Further MAUS-61-2 had better sink i,e high number of pods to accumulate more photosynthates as compared to other genotypes. JS-335 was the second best genotypes having best source and sink strength.

Key words : Soybean, Source strength, Sink strength

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