

EFFECT OF PLANTING SEASONS AND GENOTYPES ON GROWTH AND SEED YIELD OF AGGREGATUM ONION (*ALLIUM CEPA* L.VAR. *AGGREGATUM* DON)

N.ROHINI¹ & P. PARAMAGURU²

¹Senior Research Fellow, Department of Vegetable Crops, Horticultural College and
Research Institute, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India.

²Professor (Horticulture), Horticultural College and Research Institute,
Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India.

ABSTRACT

A field experiment was conducted to evaluate the effects of planting time and genotypes on morphological and seed yield characteristics of aggregatum onion. Planting time and genotypes had significant influence on almost all parameters studied. Onion planted on September season had better agronomic traits contributing towards yield formation (694.30 kg ha⁻¹). Among the genotypes, growth and seed yield (585 kg ha⁻¹) was highest in the genotype Puttarasal local. Seed yield (807 kg ha⁻¹) was the highest under September season planting in Puttarasal local type.

KEY WORDS: Genotypes, Growth, Planting Season, Seed Yield, Small Onion

Received: Oct 31, 2015; **Accepted:** Nov 27, 2015; **Published:** Nov 28, 2015; **Paper Id.:** IJASRDEC201540