

Morphological Evaluation of different Varieties of Radishes for its Yield Attributes

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Abstract—The present study was conducted in the year 2014 to study the yield attributes based on morphological parameters of different Radish varieties in Selaqui, Dehradun. The six treatments taken were Korean cross, Long red, Menu Early, Snow white, scarlet red globe and Local check. The analysis revealed highly significant differences among all the treatment in all the morphological parameter taken. The maximum plant height (60.53), leaf length (32.55 cm), fresh weight of leaves (97.61 g), fresh weight per plant (242.25 g) and total dry weight content (21.05 g) was recorded maximum in Menu Early, while for length of roots (34.63 cm), fresh weight of root (160.16 g), total yield of radish root (46.91 t/h) and dry weight of radish root (10.96 g), the variety Korean cross performed better than the other varieties. The maximum width of the root (4.44 cm) was recorded in variety Scarlet red globe. The per cent germination (65.47 %), yield of leaves (25.13 t/h), total yield (69.47 t/h) and dry weight of leaves (10.17 g) was found maximum in Snow white, while maximum number of leaves per plant 18.55 was observed in Local check. So the varieties Snow white, Korean cross and Menu Early were found to be superior for yield attributes among the treatments selected.

Keywords: Radish, yield, varieties.