

The composition, &c., of the roots used in illustrating this bulletin and grown this season on the Experimental Farm, Ottawa, are given in the following table, the examples being taken from the fields, October 15:—

	Gate Post Mangel.	White Sugar Mangel.	Danish Foreign Sugar Beet.
	p.c.	p.c.	p.c.
Dry matter.....	9.84	8.32	12.99
Sugar in juice.....	4.35	3.88	5.56
	Lbs. Oz.	Lbs. Oz.	Lbs. Oz.
Weight of root with leaves.....	11 0	10 2	9 0
Weight of root only.....	9 3½	8 13	5 15
	Inches.	Inches.	Inches.
Length of root.....	24	16	14
Diameter of root.....	6	6½	5

Weight for weight the 'Danish Forage sugar beet' is the most nutritious root of the three and the 'White sugar mangel' the poorest. The relative position in nutritive value here indicated is, we believe, chiefly due to varietal qualities and would be largely maintained on other soils and in other seasons.