

Table I. Amounts of P_{Pi}, ATP, Fru 6-P, Glu 6-P, and Pi in Different Organs of Pea and Corn Seedlings

Data are the average of two experiments with at least two assays for each determination.

Plant	Organ	Metabolite Amount				
		P _{Pi}	ATP	Fru 6-P	Glu 6-P	Pi
<i>nmol/g fresh wt tissue</i>						
4-d-old pea	Shoots	16	113	89	290	8,452
	Roots	14	98	98	260	7,735
	Cotyledons	5 ^a	249	140 ^a	268 ^a	
6-d-old corn	Shoots	39	158	78	396	11,175
	Roots	23	33	56	301	8,806
	Scutellum	15	391	89	488	28,000

^a Data from one experiment.