

Table II. *Effect of Low Concentrations of Antimycin A on Total Adenine Nucleotide Contents in Protoplasts in Light and Dark*

Protoplasts in a syringe were illuminated ( $180 \text{ w/m}^2$ ) (for medium, see Fig. 1) in the presence or absence of antimycin A for 8 min before darkening. Samples for ATP and ADP measurement were made 10 s before and 20 s after darkening by injecting a sample into 10% (v/v)  $\text{HClO}_4$ . Sucrose synthesis and  $\text{CO}_2$  fixation in the light were measured by [ $^{14}\text{C}$ ]bicarbonate incorporation.

	CO <sub>2</sub> Fixation	Sucrose Synthesis	ATP/ADP	
			Light	Dark (20 s)
	<i>μmol/mg Chl·h</i>		<i>ratio</i>	
Control	133	97	2.1	1.1
Antimycin A (0.12 μM)	127	87	1.8	0.6