

PENTAKEEP V

International Scientific Workshop

Hilton Budapest WestEnd Hotel

10 – 11 December 2006

Budapest

Pentakeep V

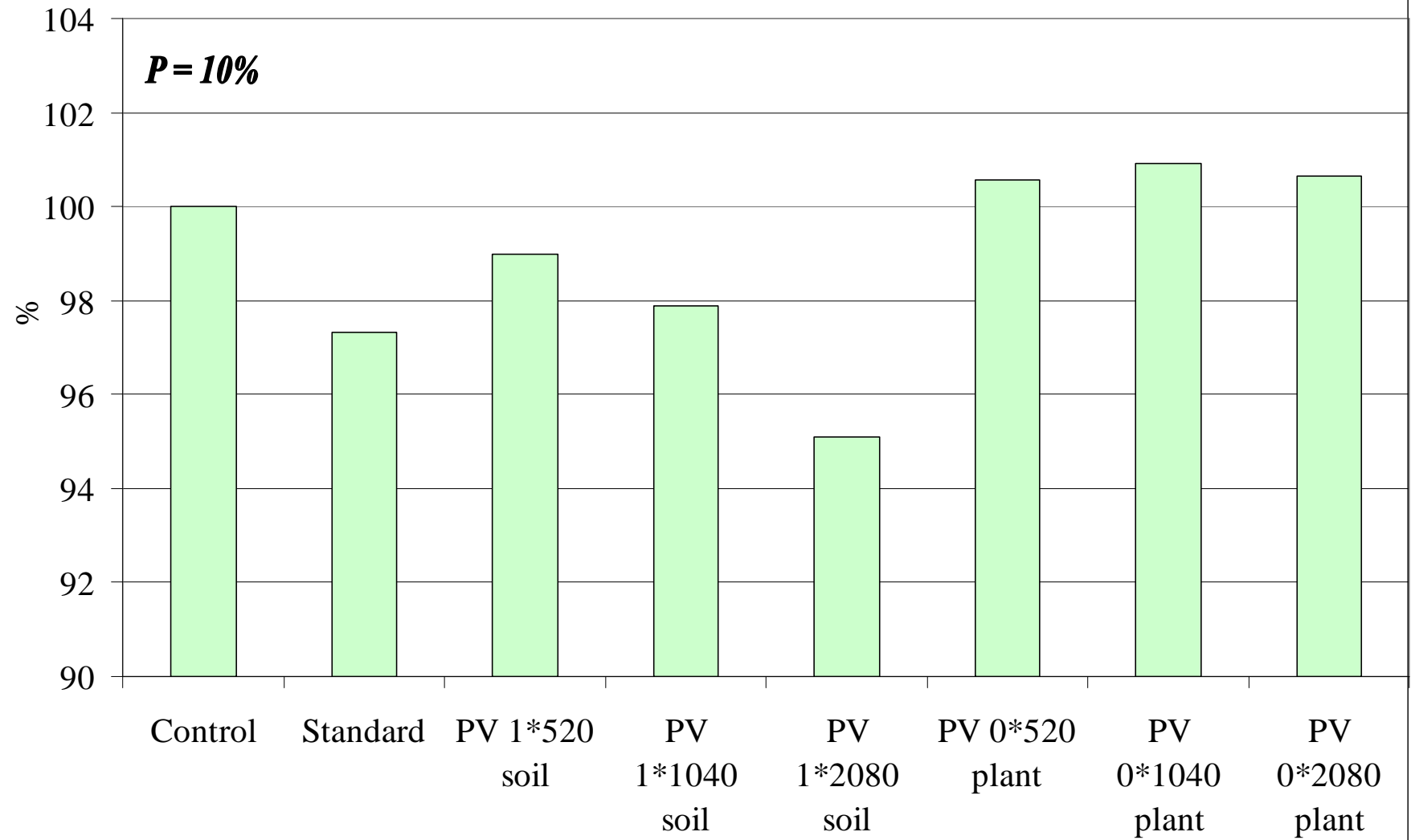
an exceptional plant conditioner

Attila Murányi

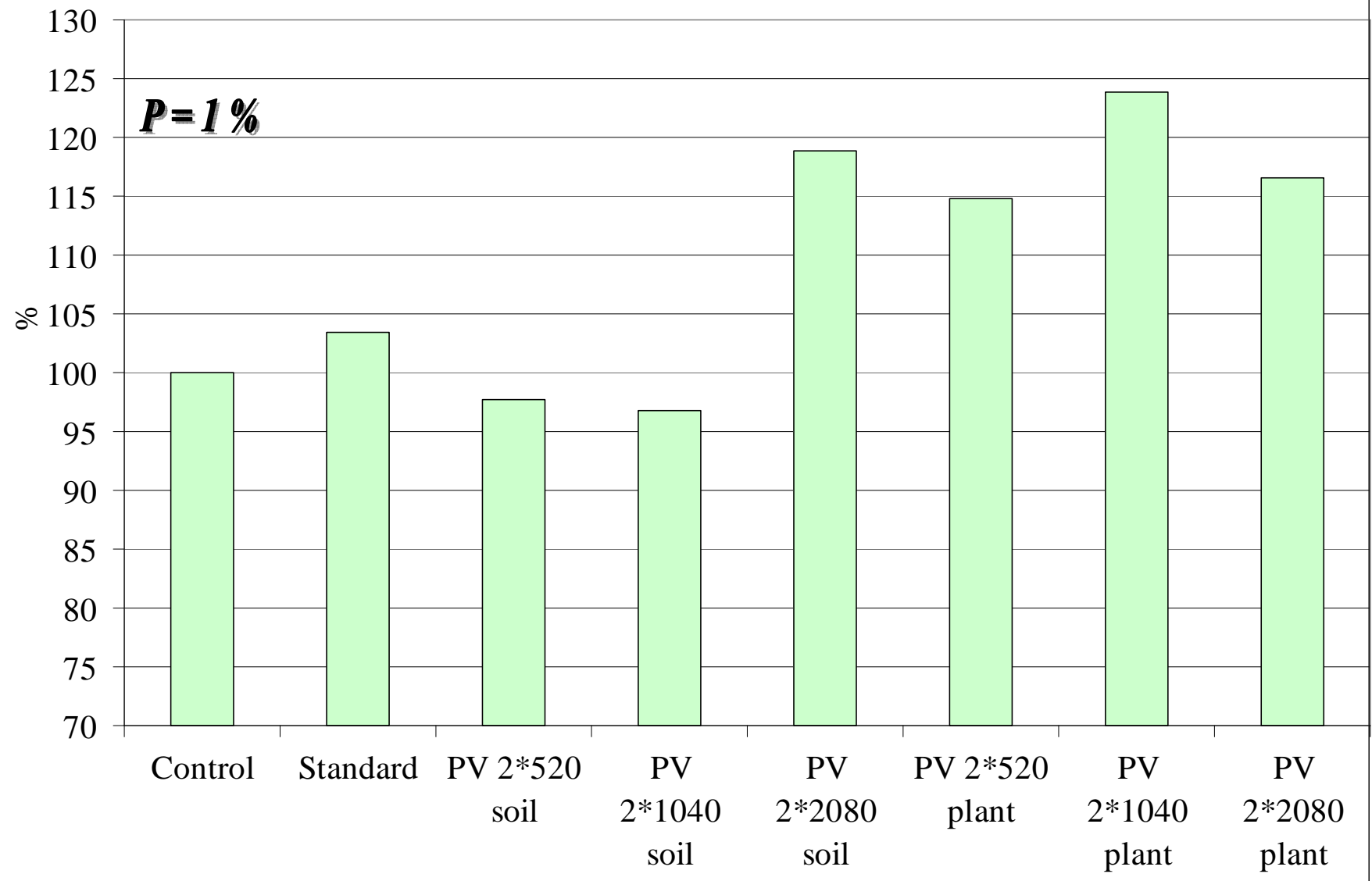
Research Institute for Soil Science and Agricultural Chemistry
of the Hungarian Academy of Sciences
H-1022 Budapest, Hermann Ottó 15. Hungary

PLANT TOXICITY TESTS

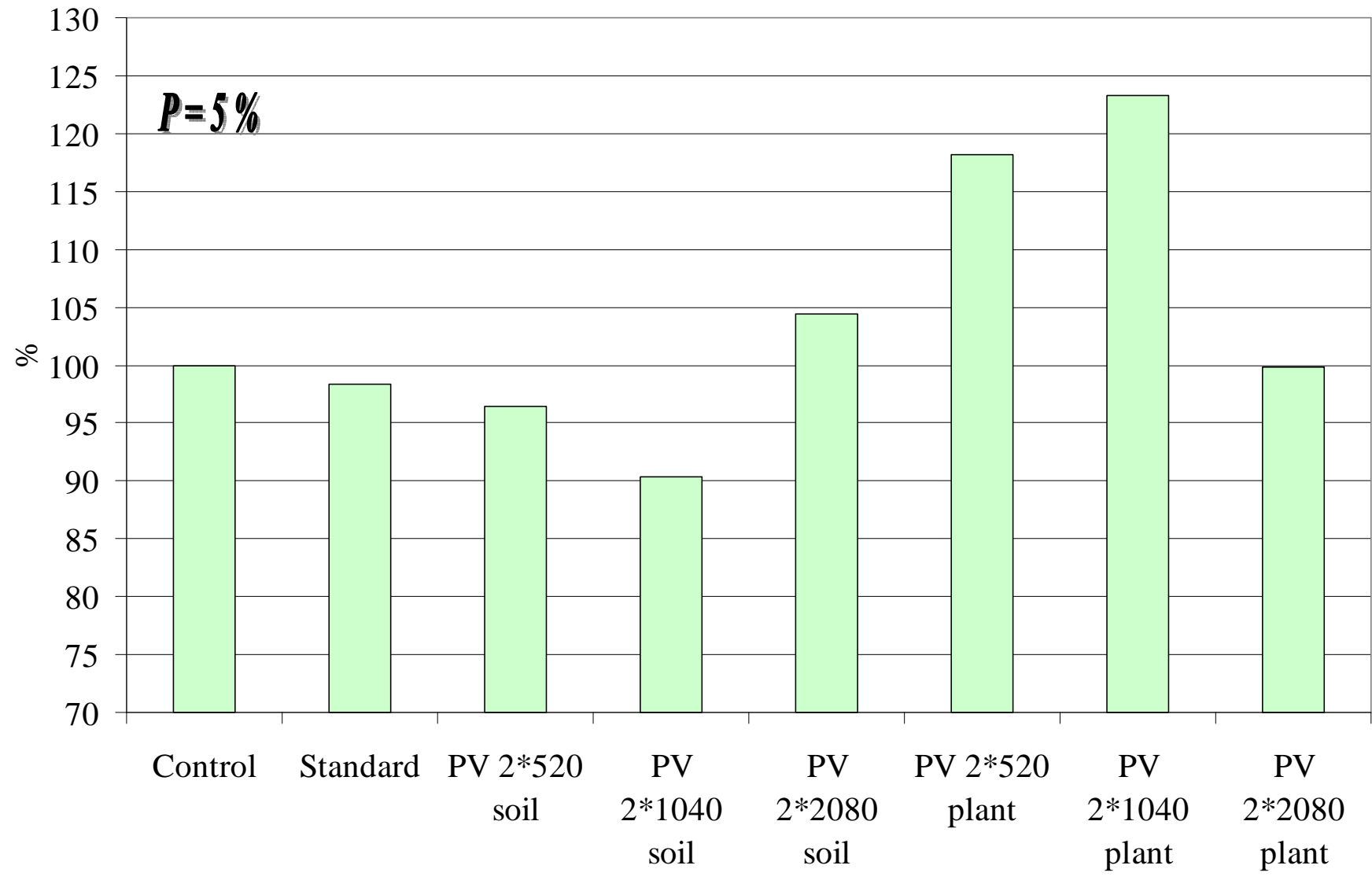
**Monocotyledonous plant, English ryegrass,
germinated seeds, 6th day**



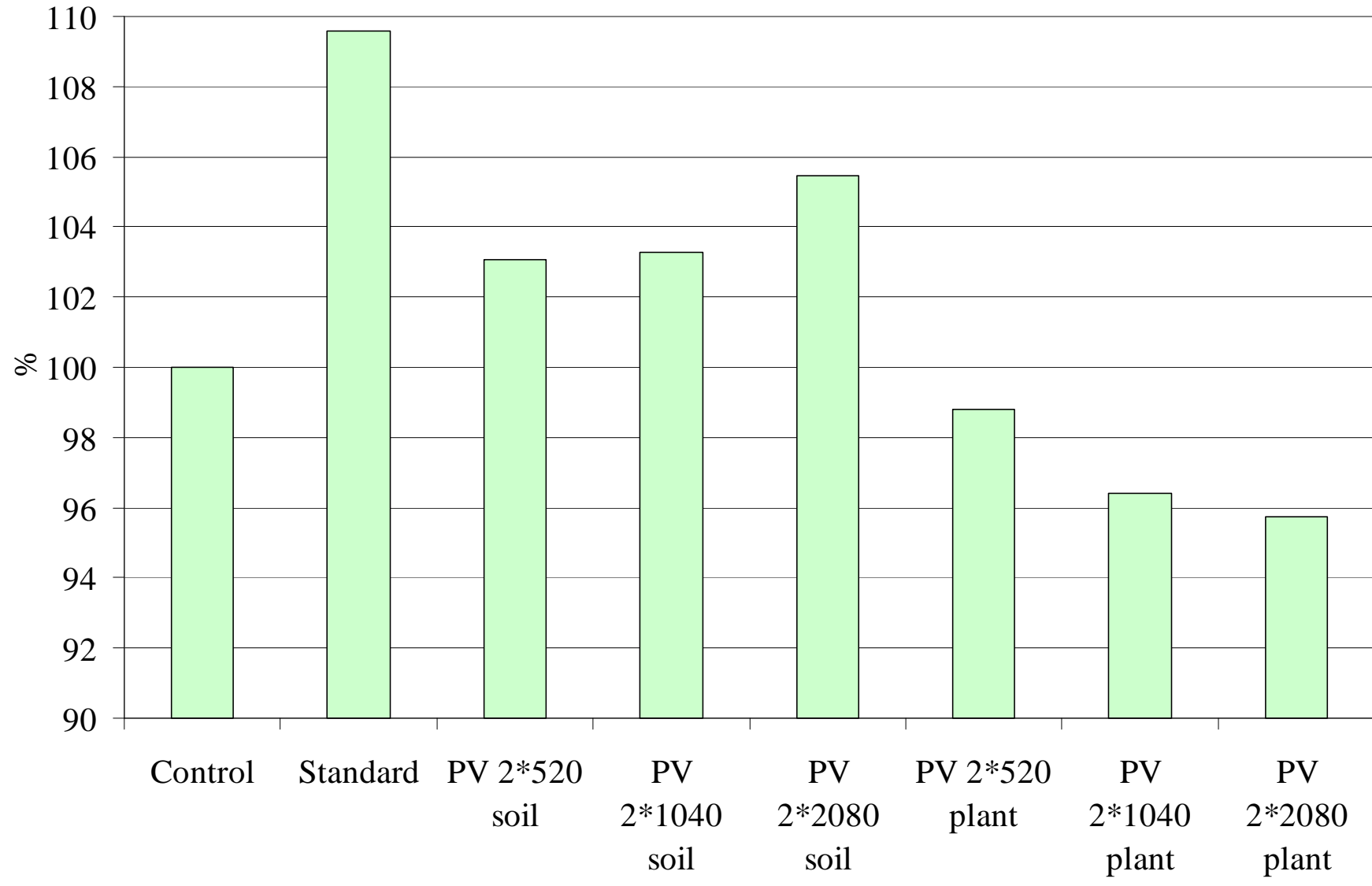
Monocotyledonous plant, English ryegrass, height of plants



Monocotyledonous plant, English ryegrass, green mass



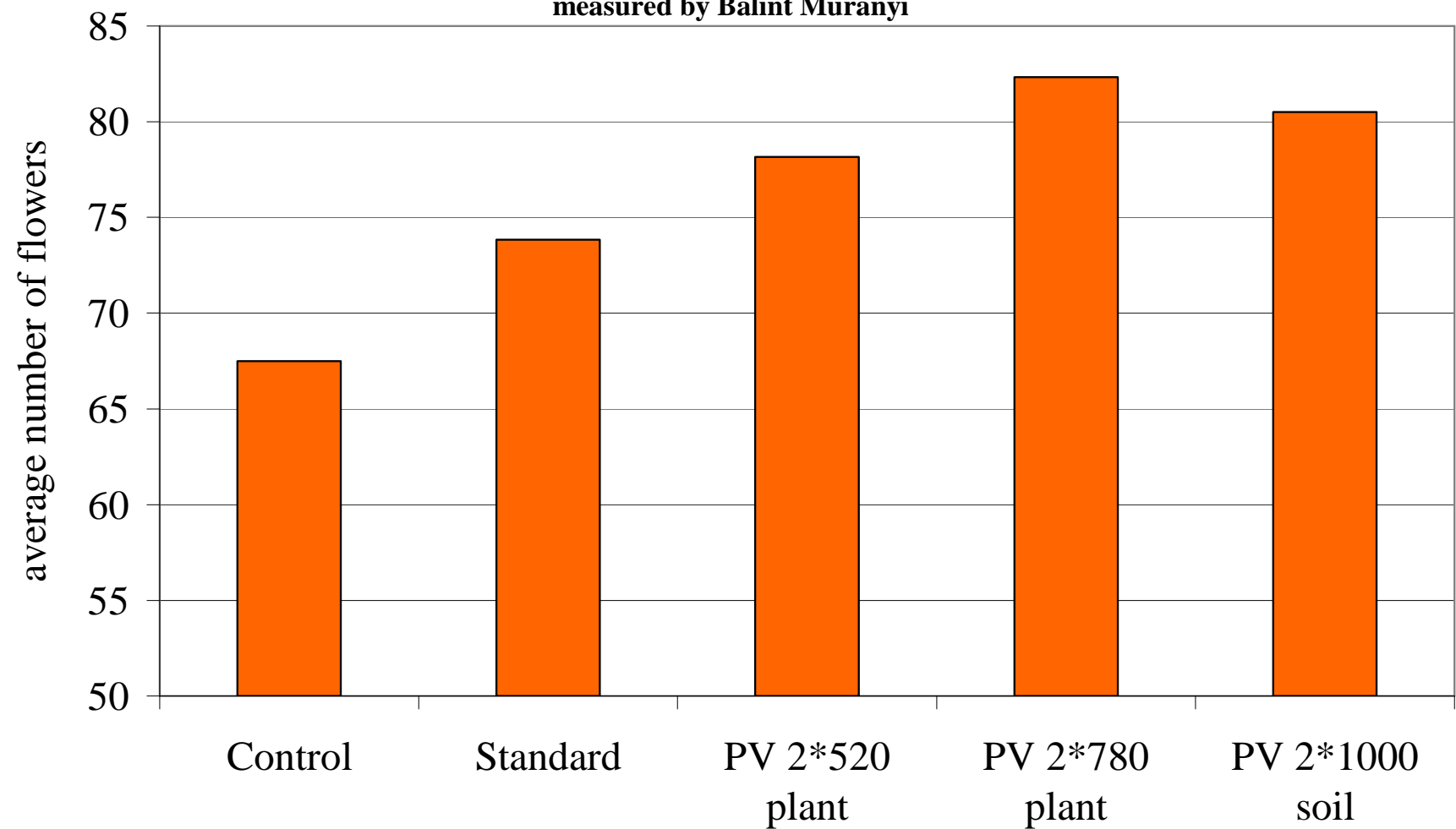
Dicotyledonous plant, White mustard, green mass



TOMATO TEST

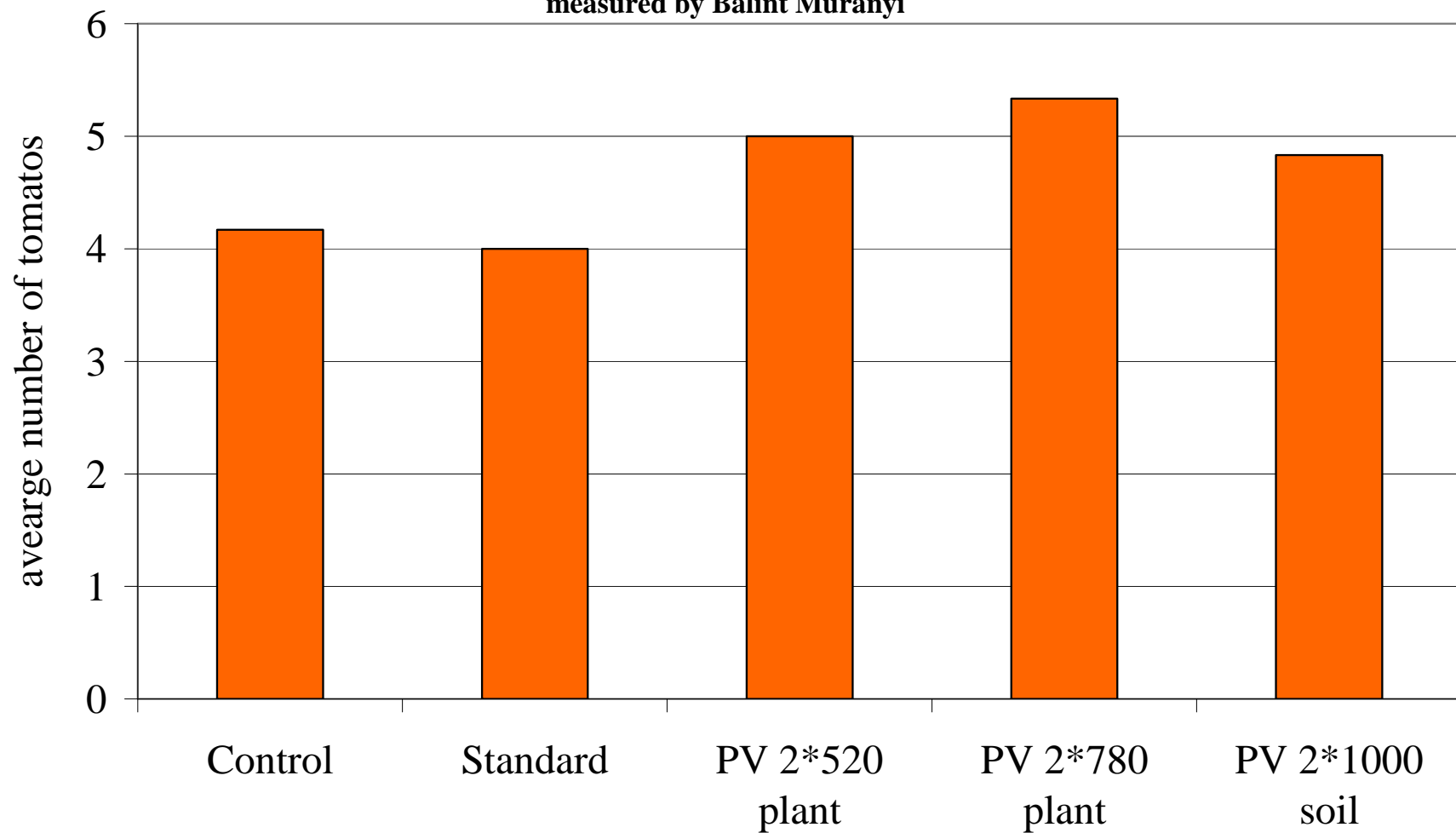
Tomato flowers after two treatments

measured by Bálint Murányi

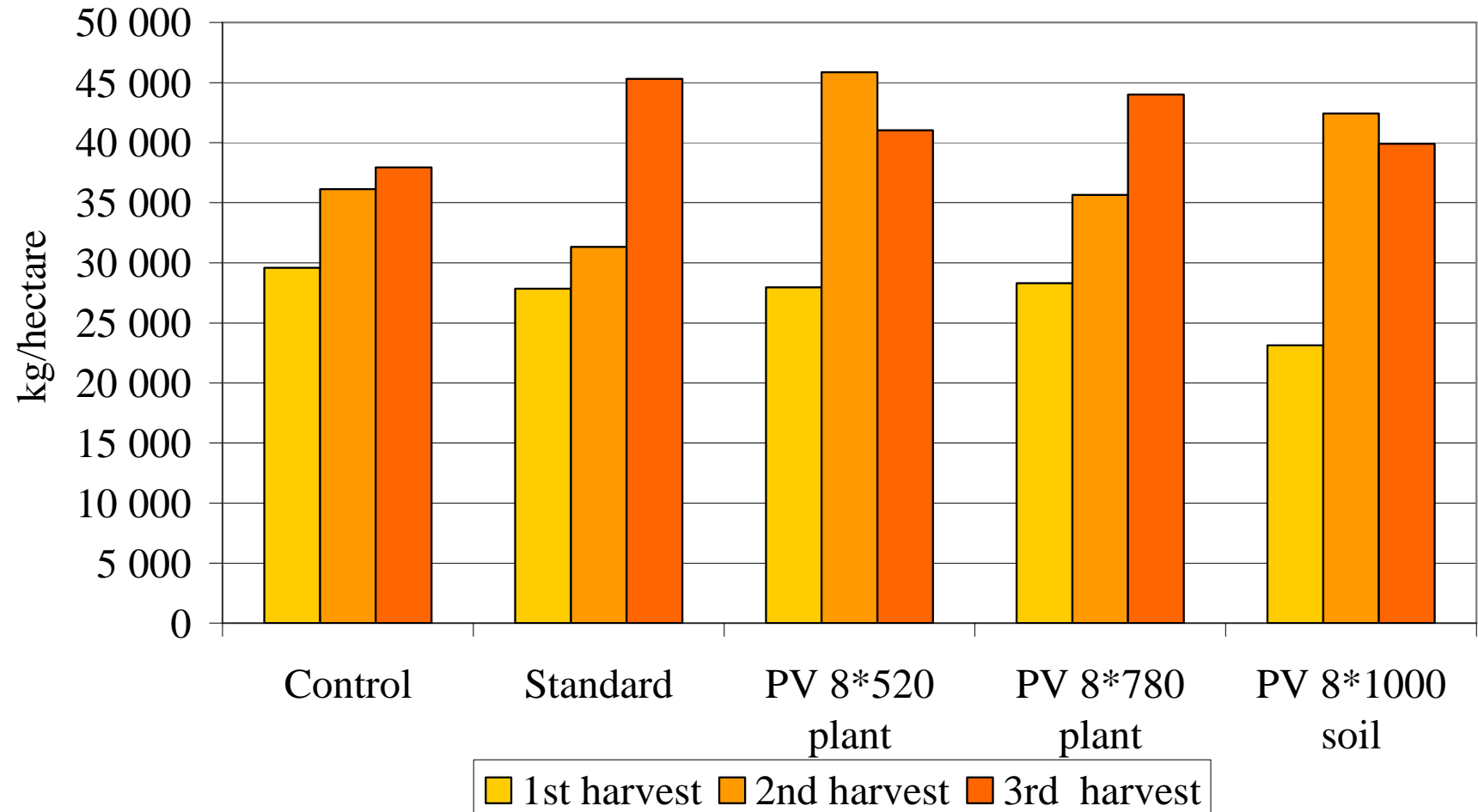


Number of tomato fruits after two treatments

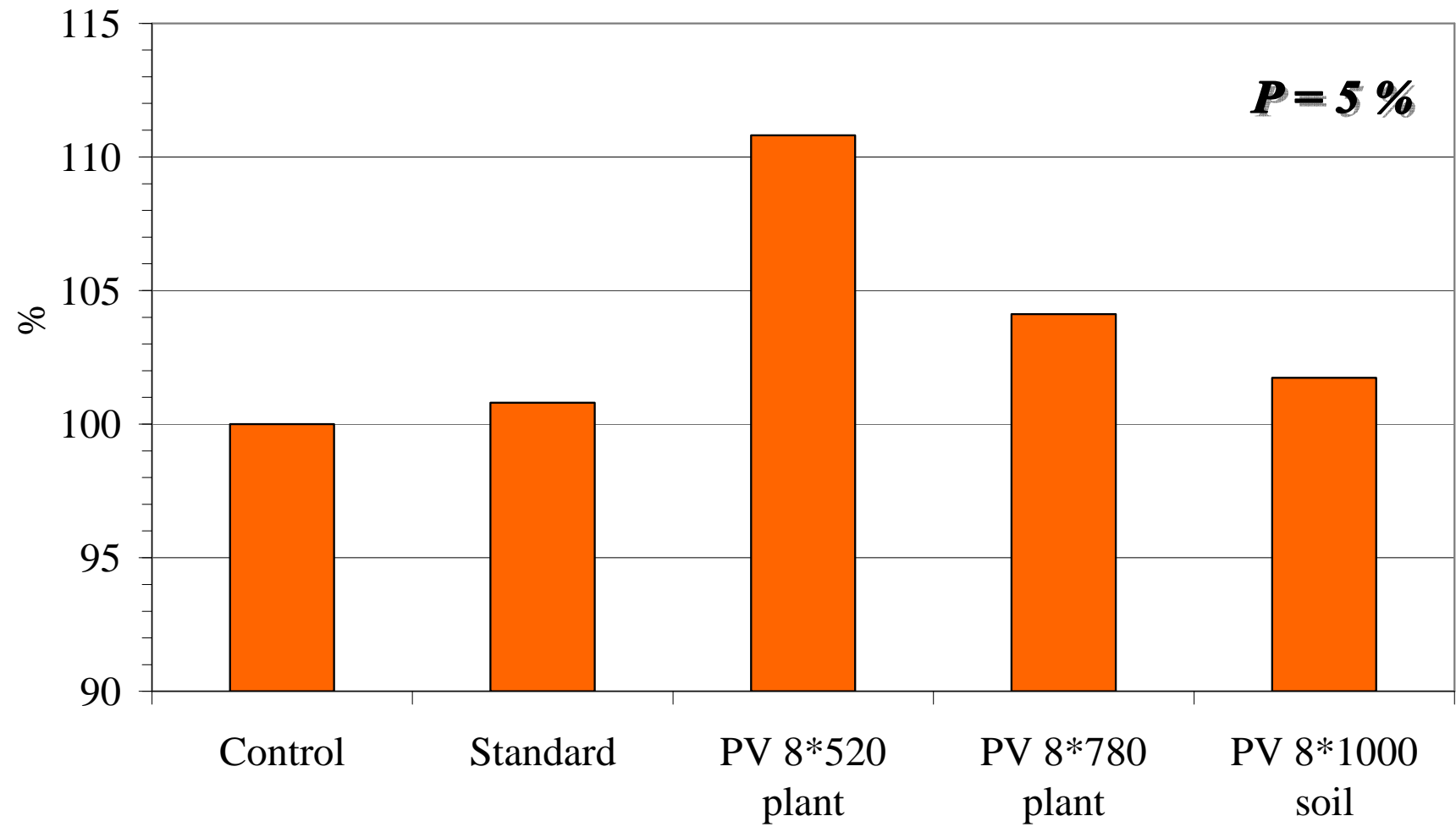
measured by Bálint Murányi



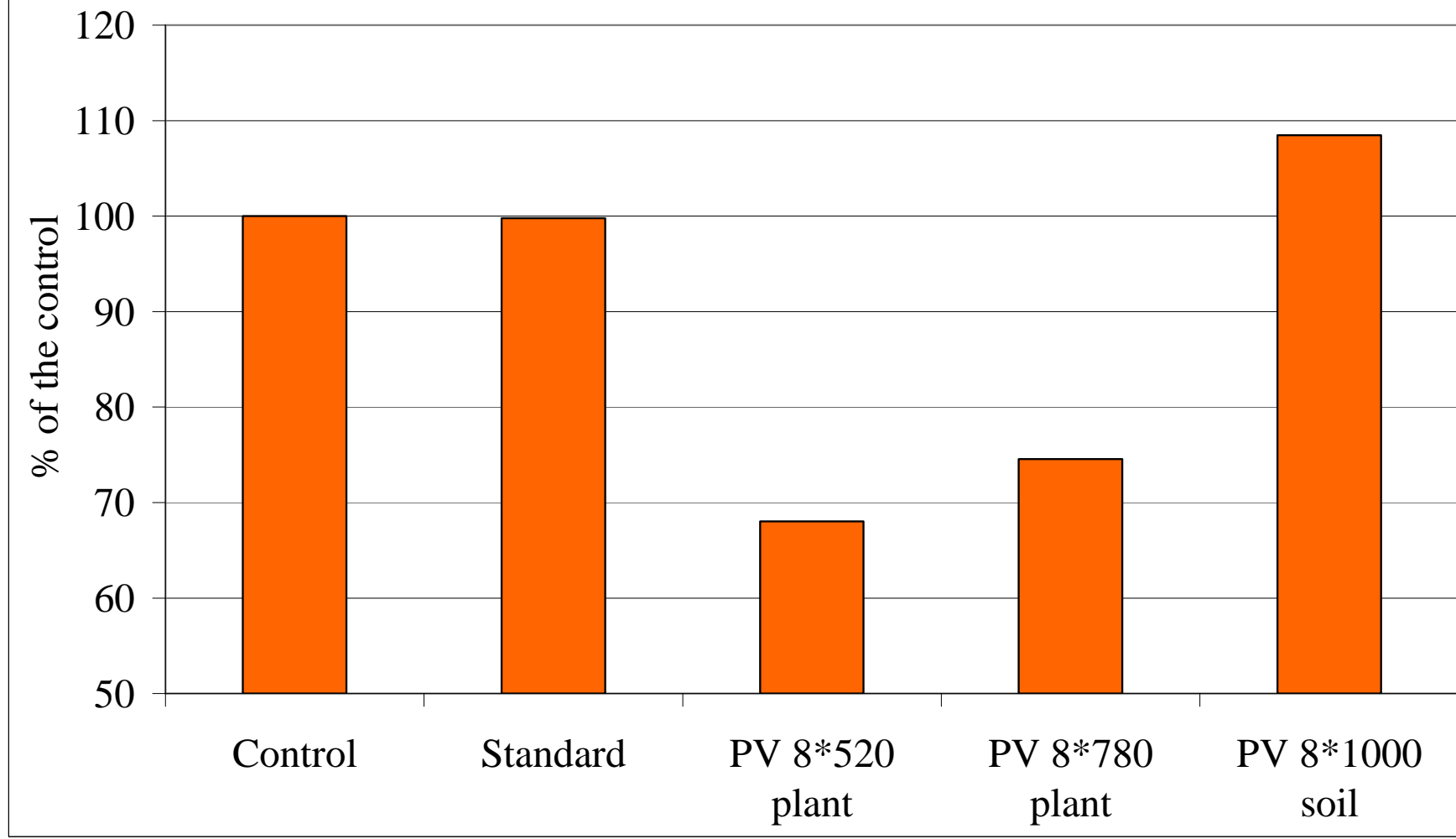
Tomato yields per harvest



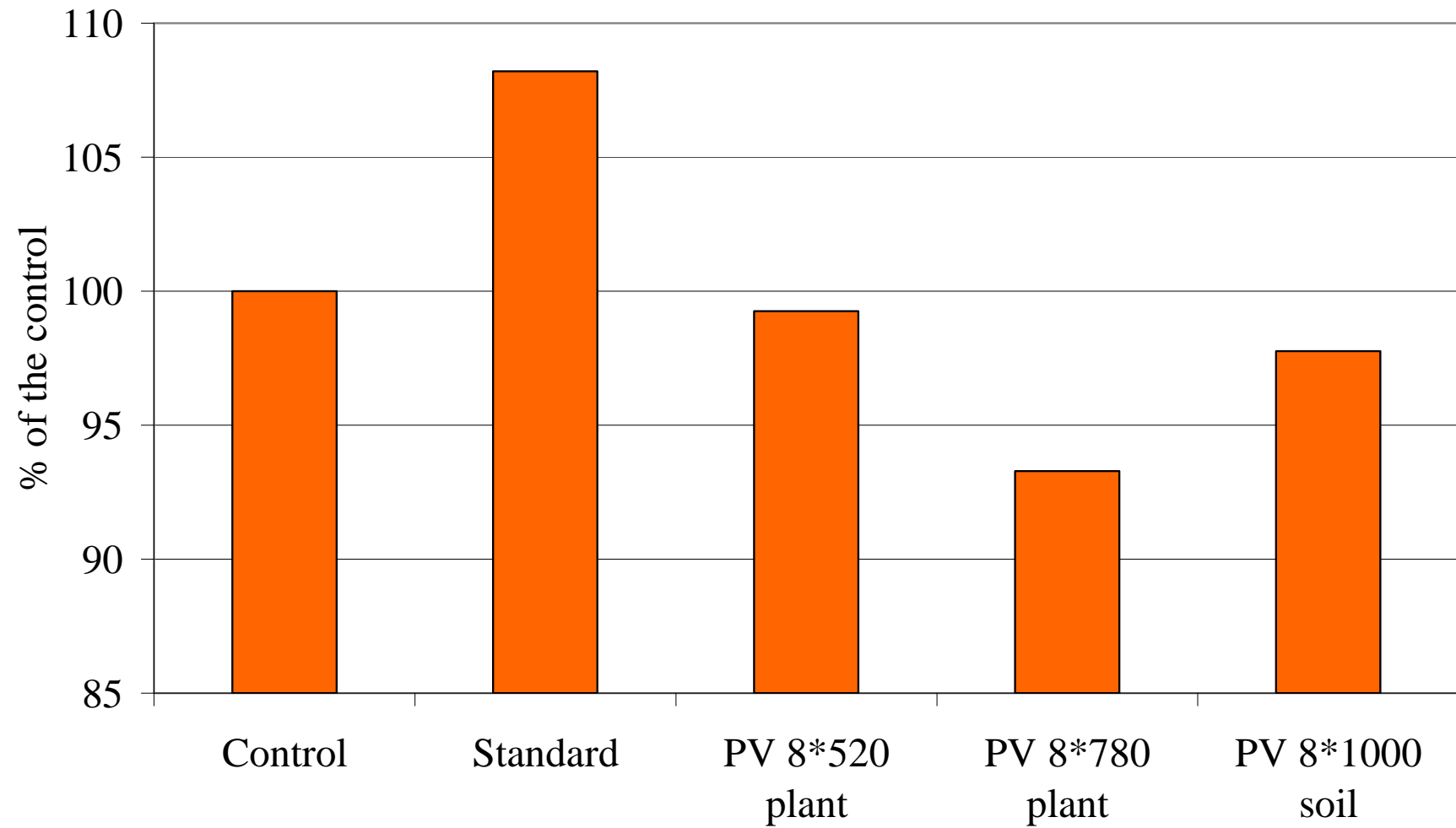
Total yield of tomato



Fe content of tomato leaves

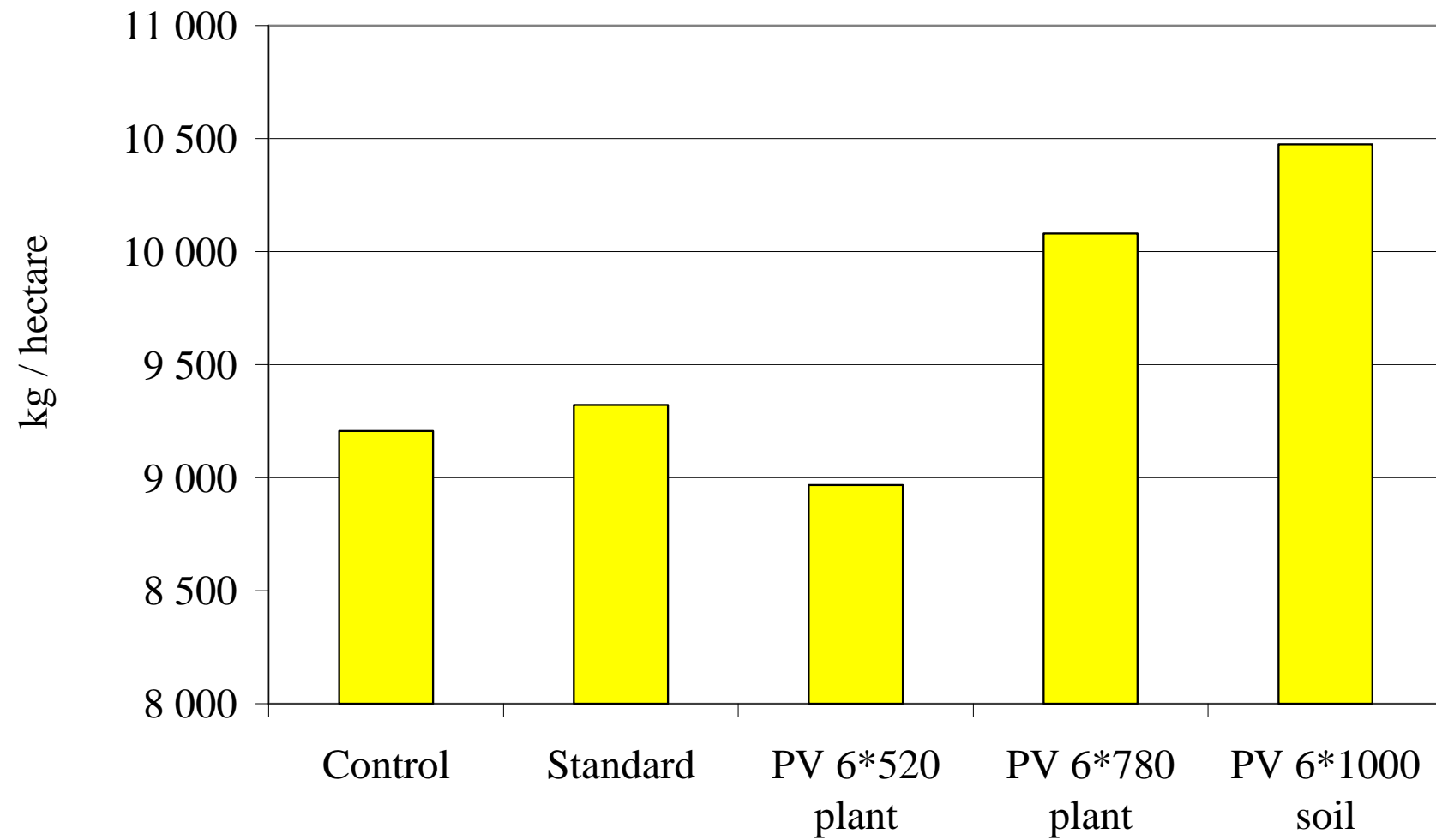


N content of tomato leaves

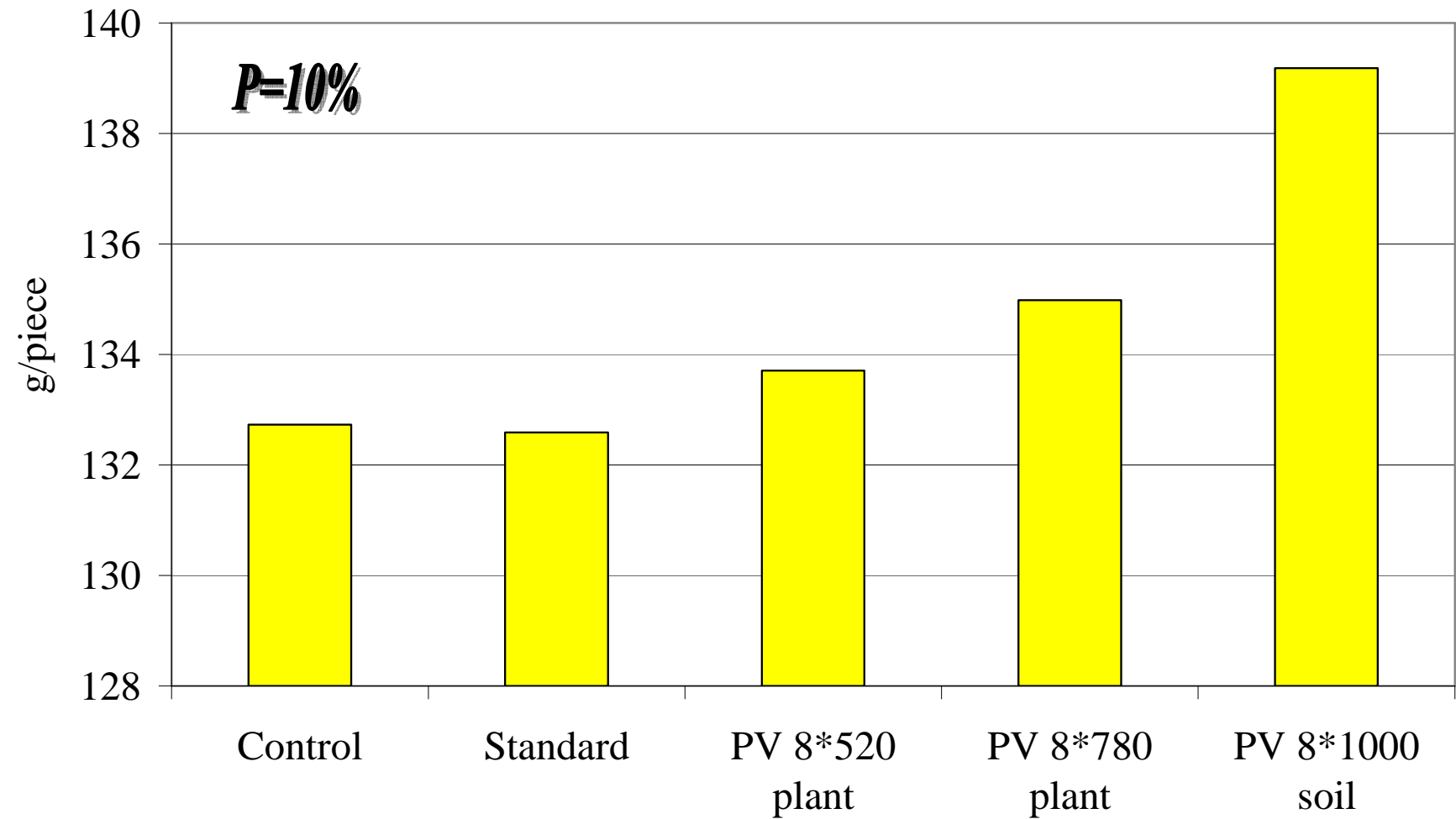


PAPRIKA TEST

Paprika yield of 1st harvest

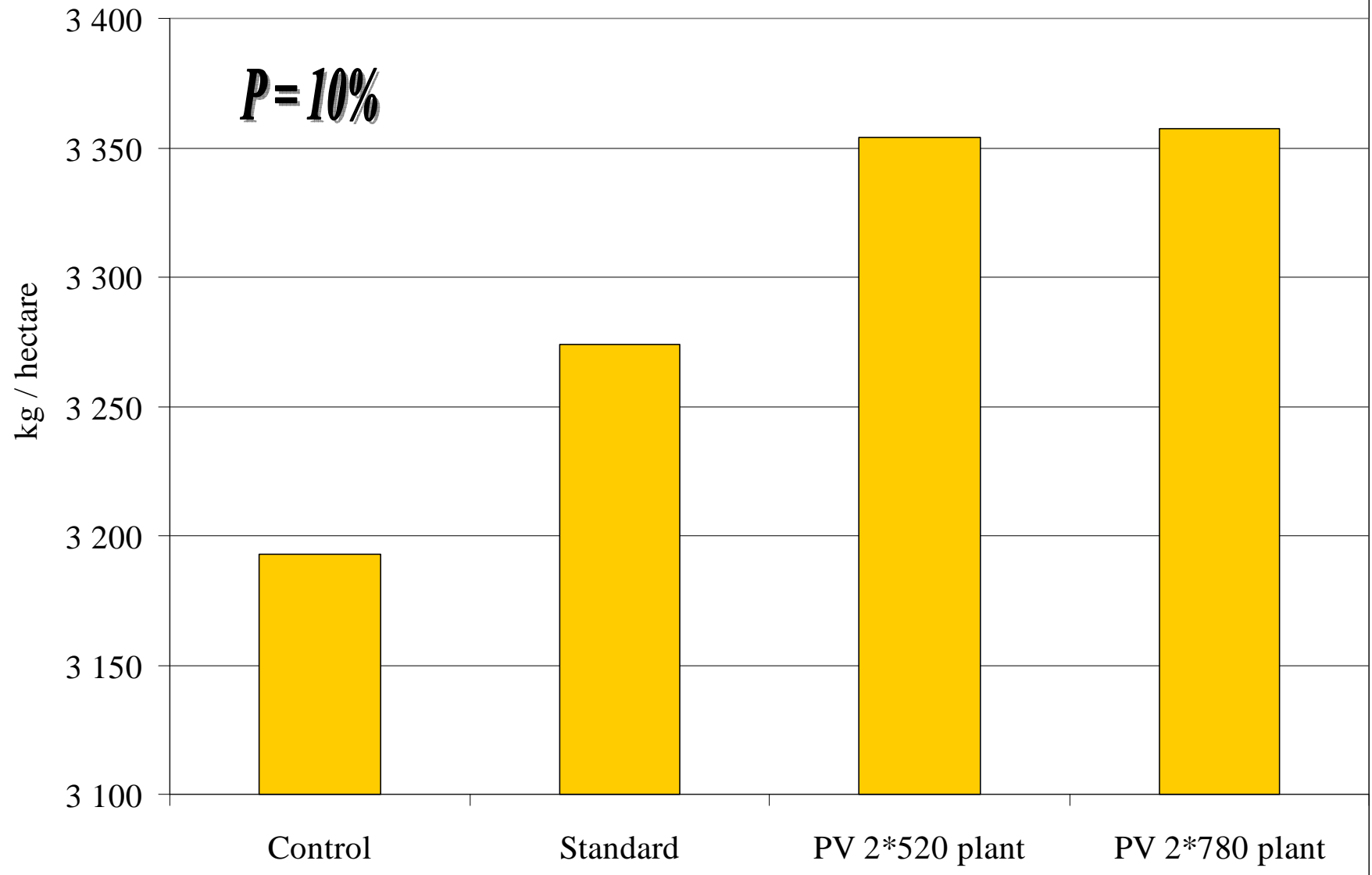


Average paprika weight of 3 harvests

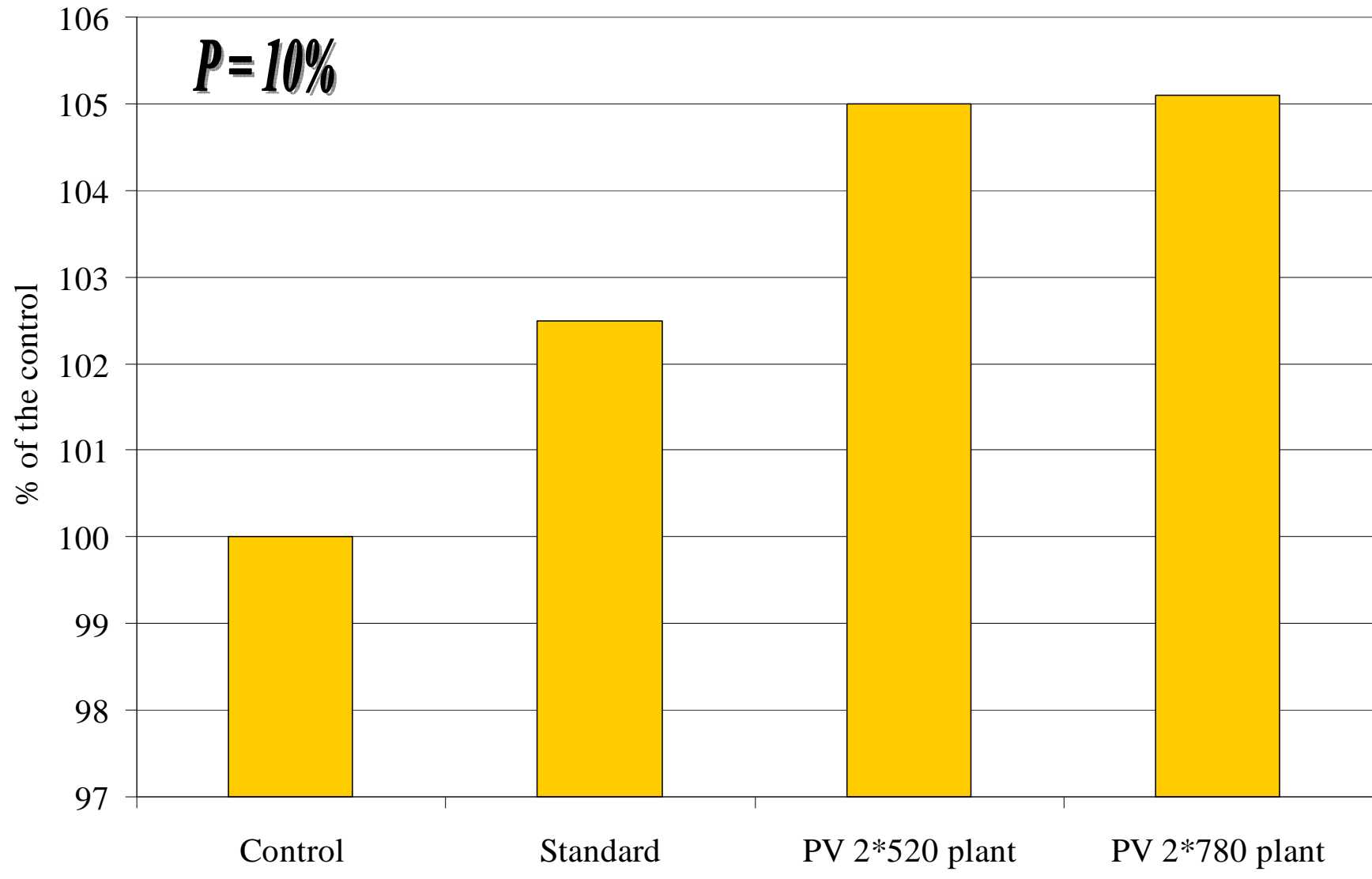


SUNFLOWER TEST

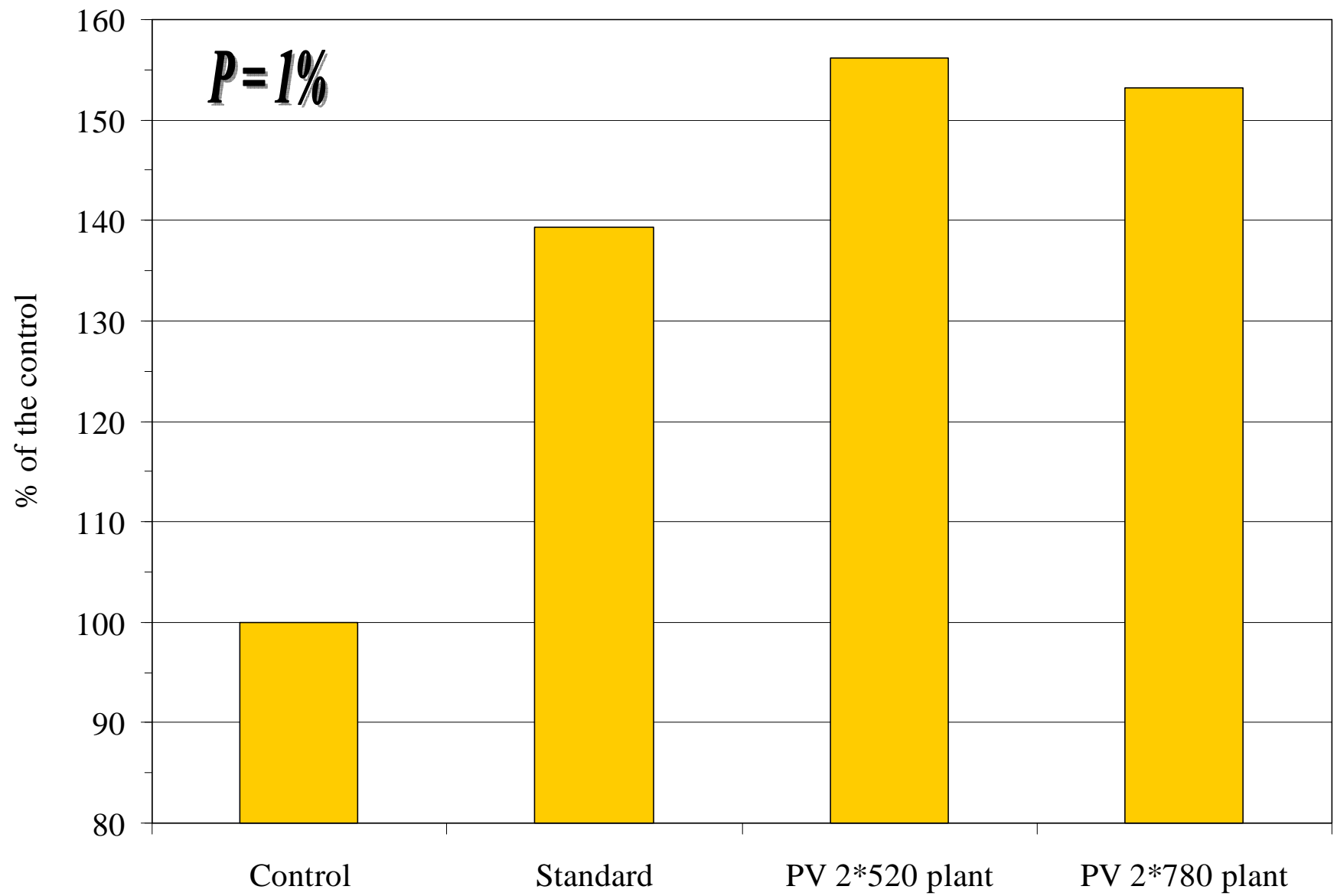
Sunflower yield, Karcag



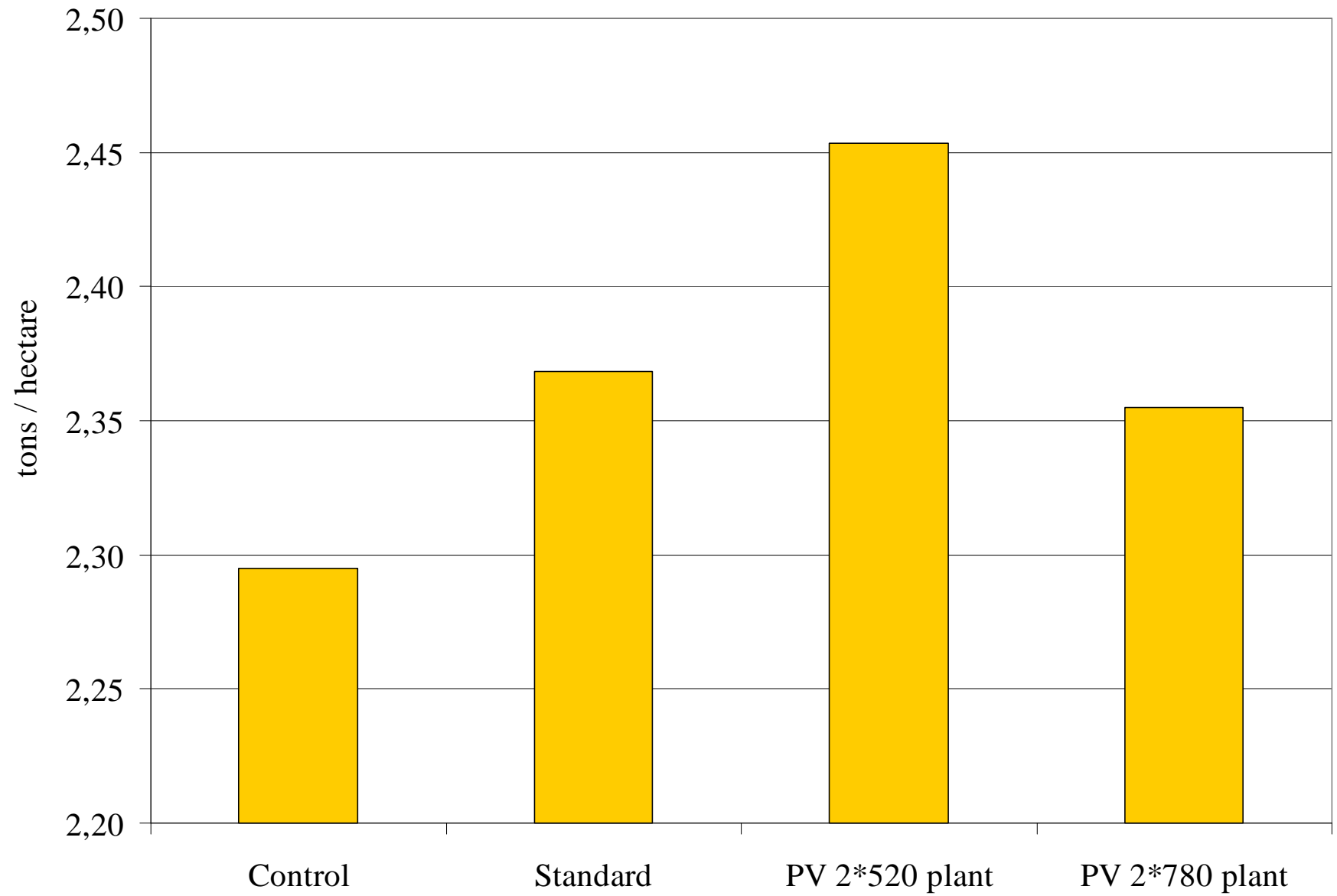
Sunflower yield, Karcag



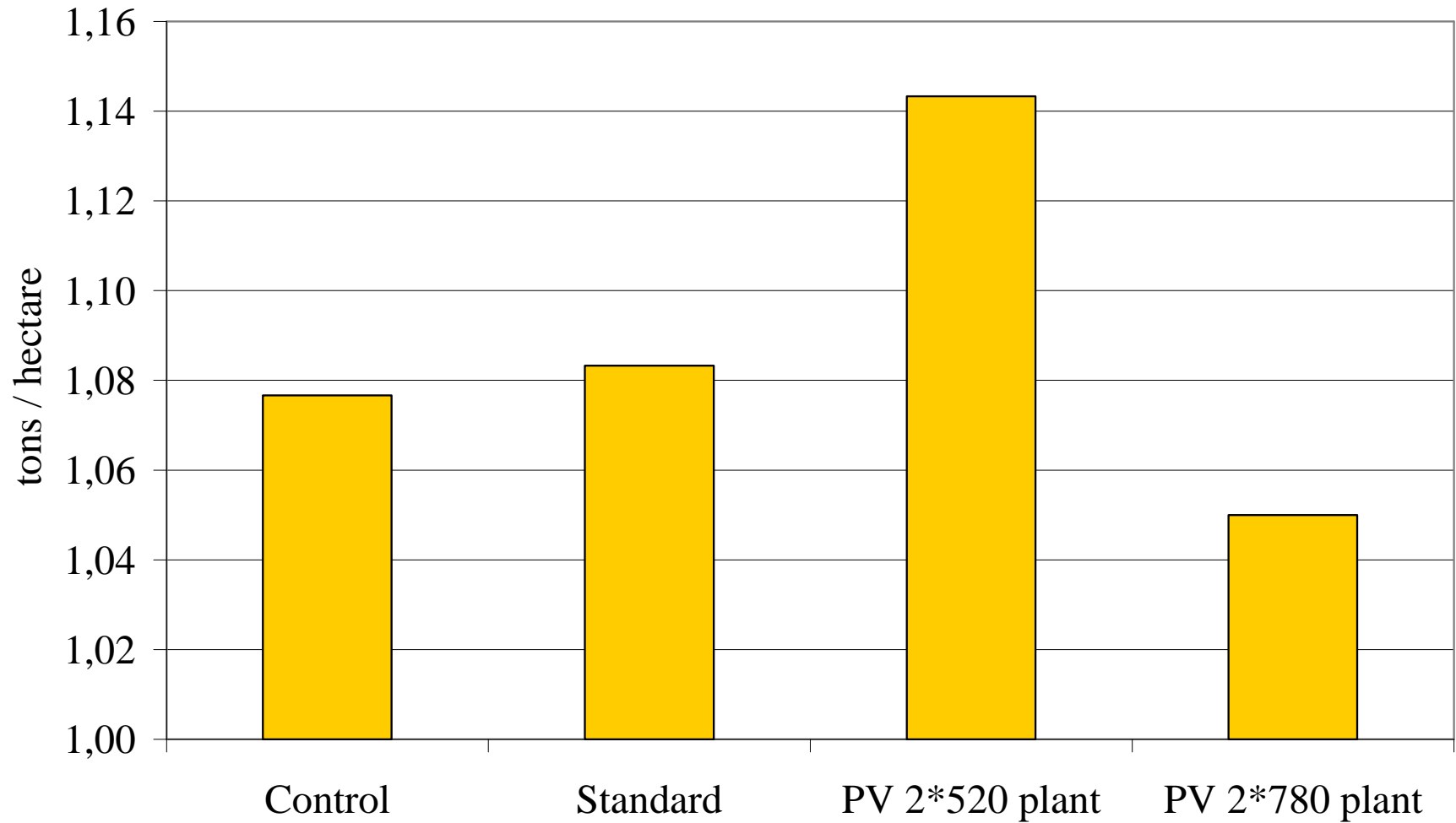
Ratio of active/total leaves of sunflower, Pécs



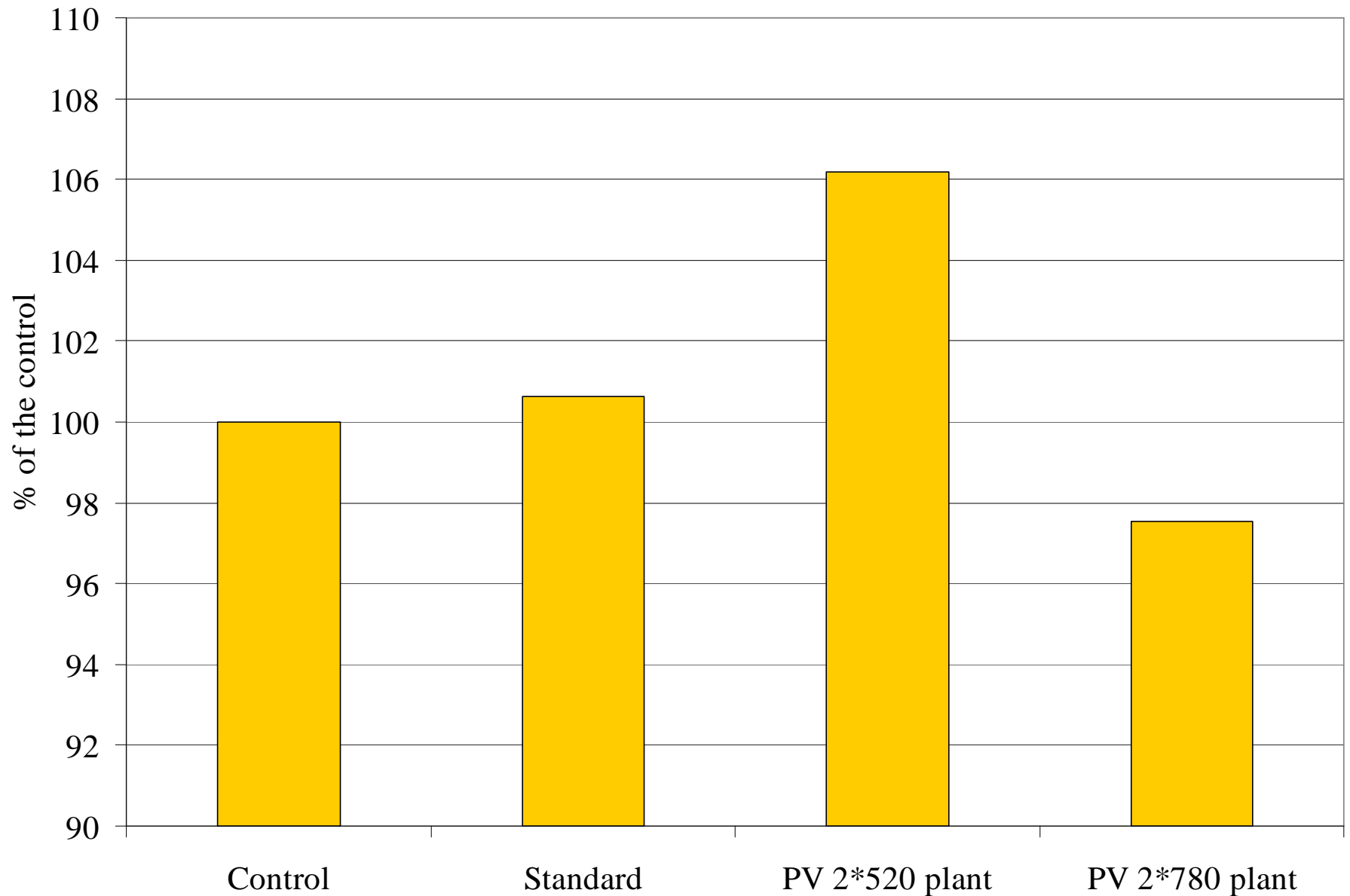
Sunflower yield, Pécs



Oil yield of sunflower, Pécs

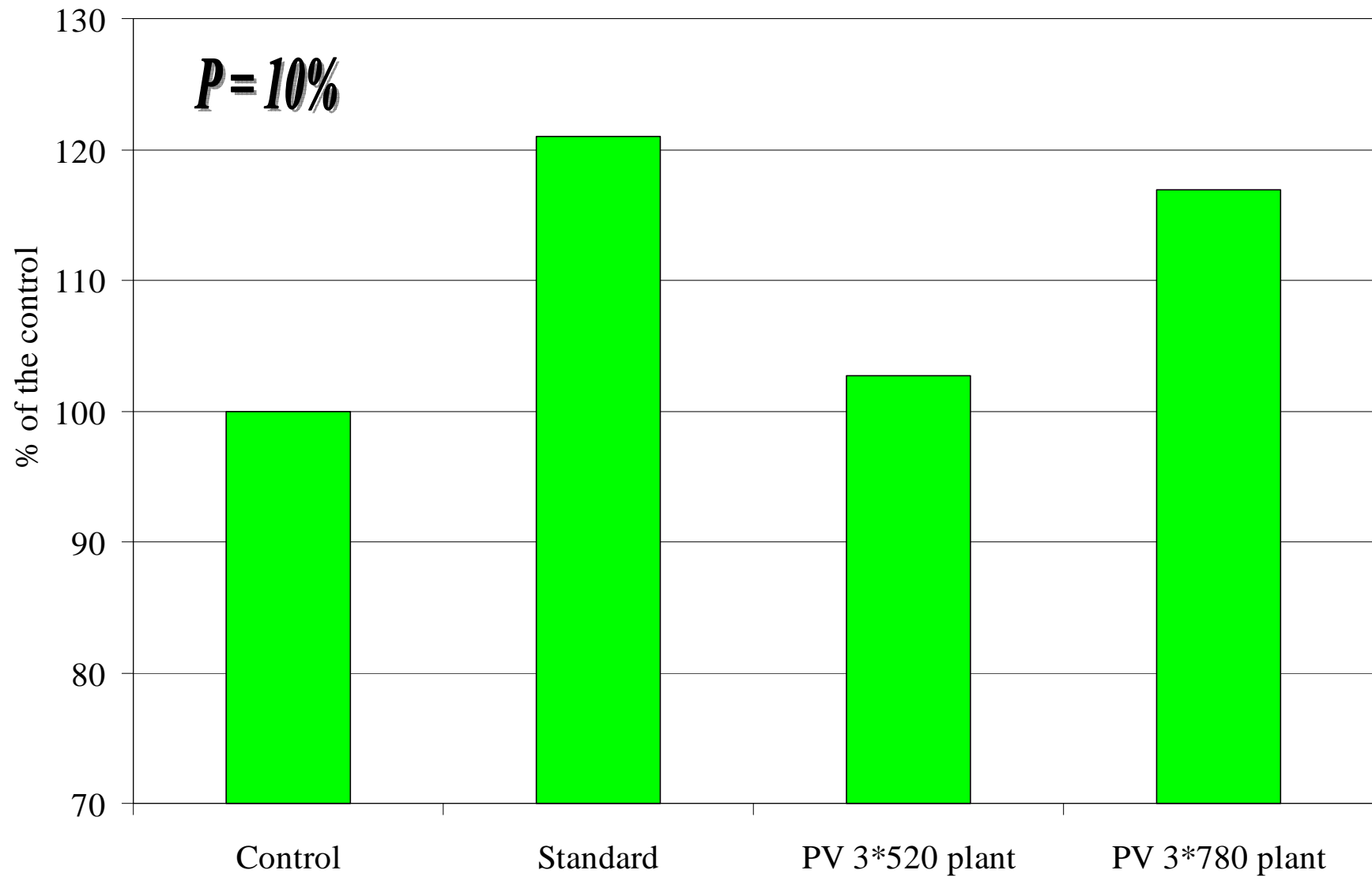


Oil yield of sunflower, Pécs

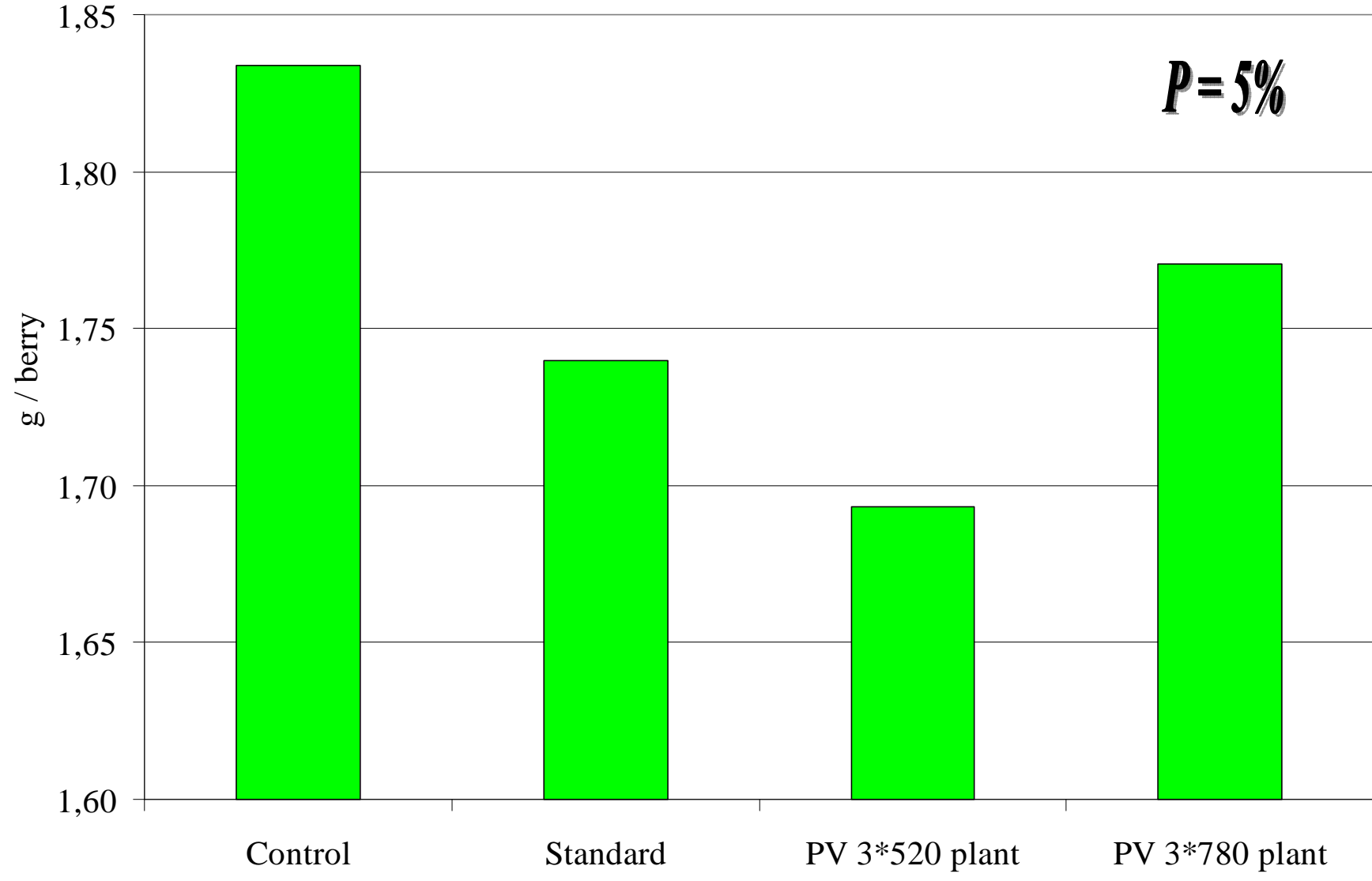


GRAPE TEST

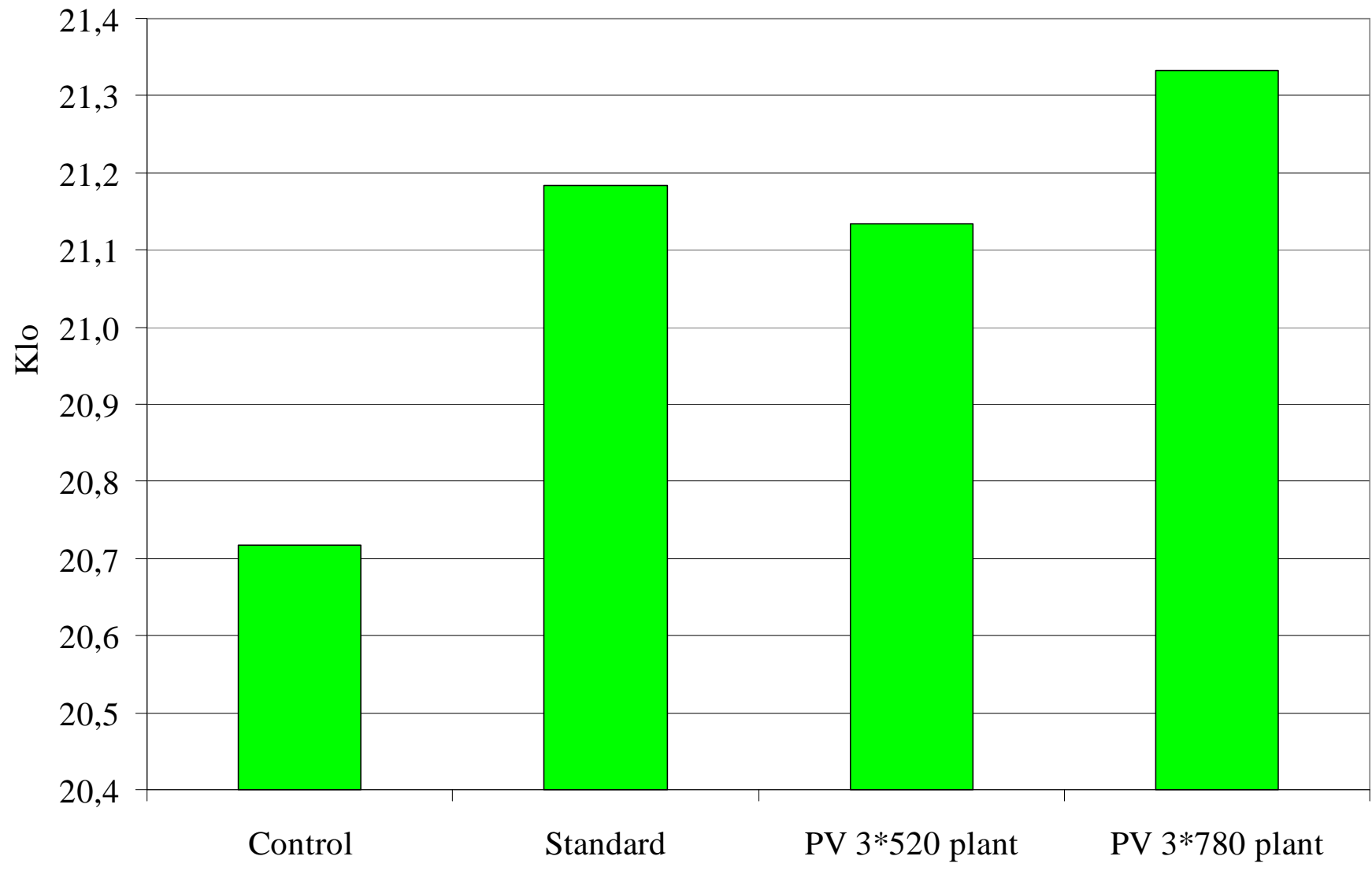
Yield of grape, Pécs



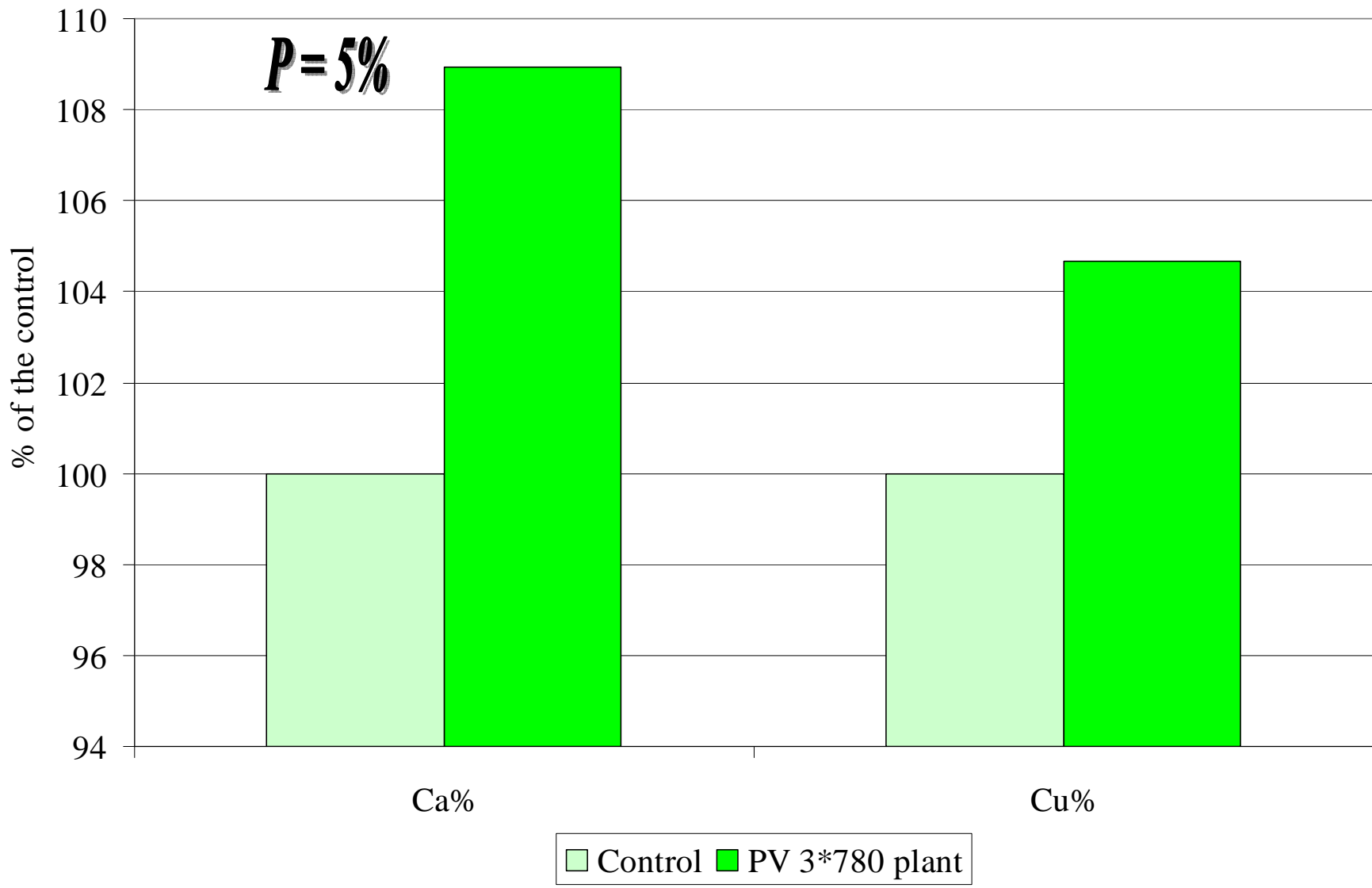
Mass of grape berries, Pécs



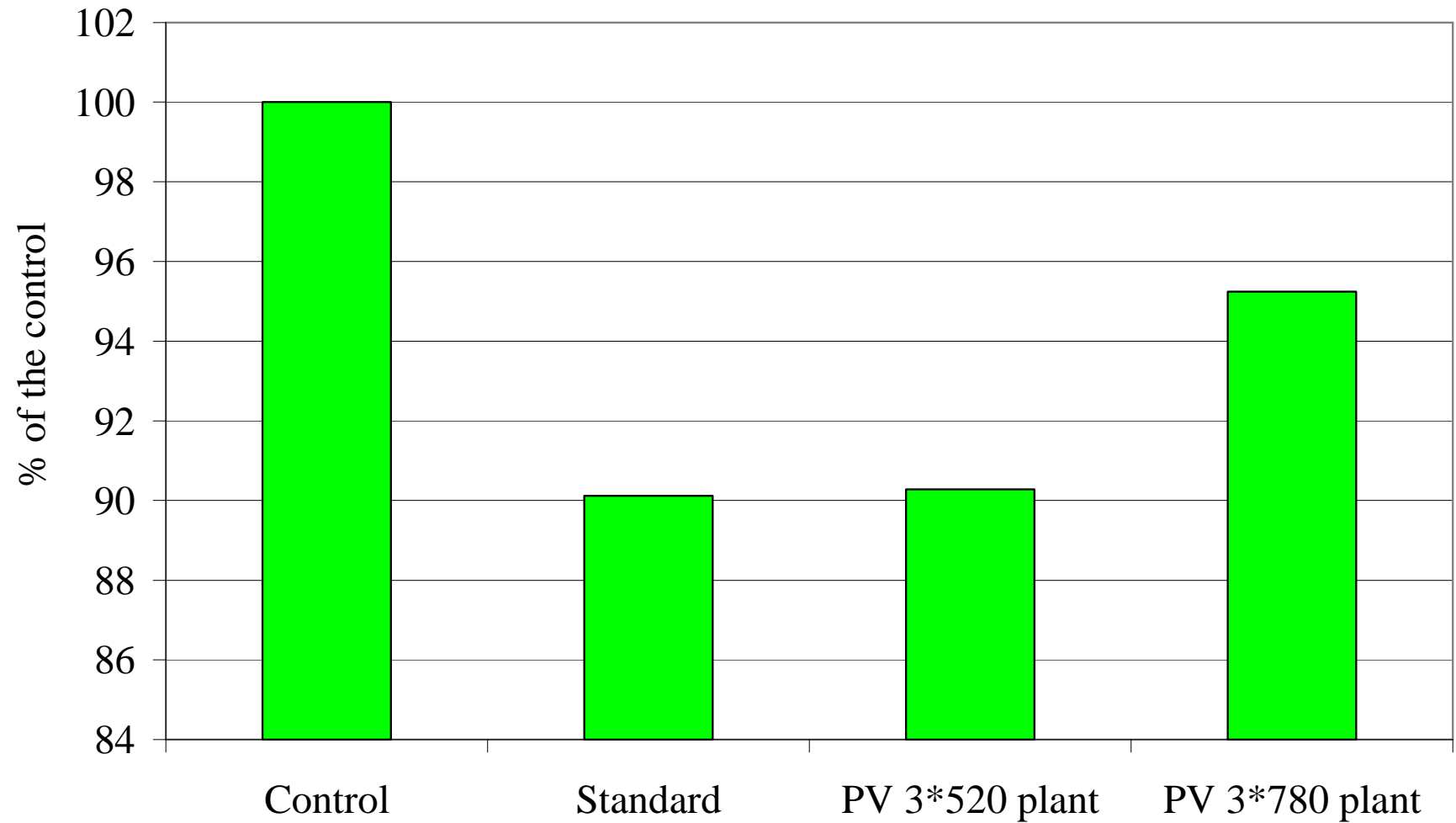
Sugar degree of the must, Pécs



Ca & Cu content of grape leaves, Pécs

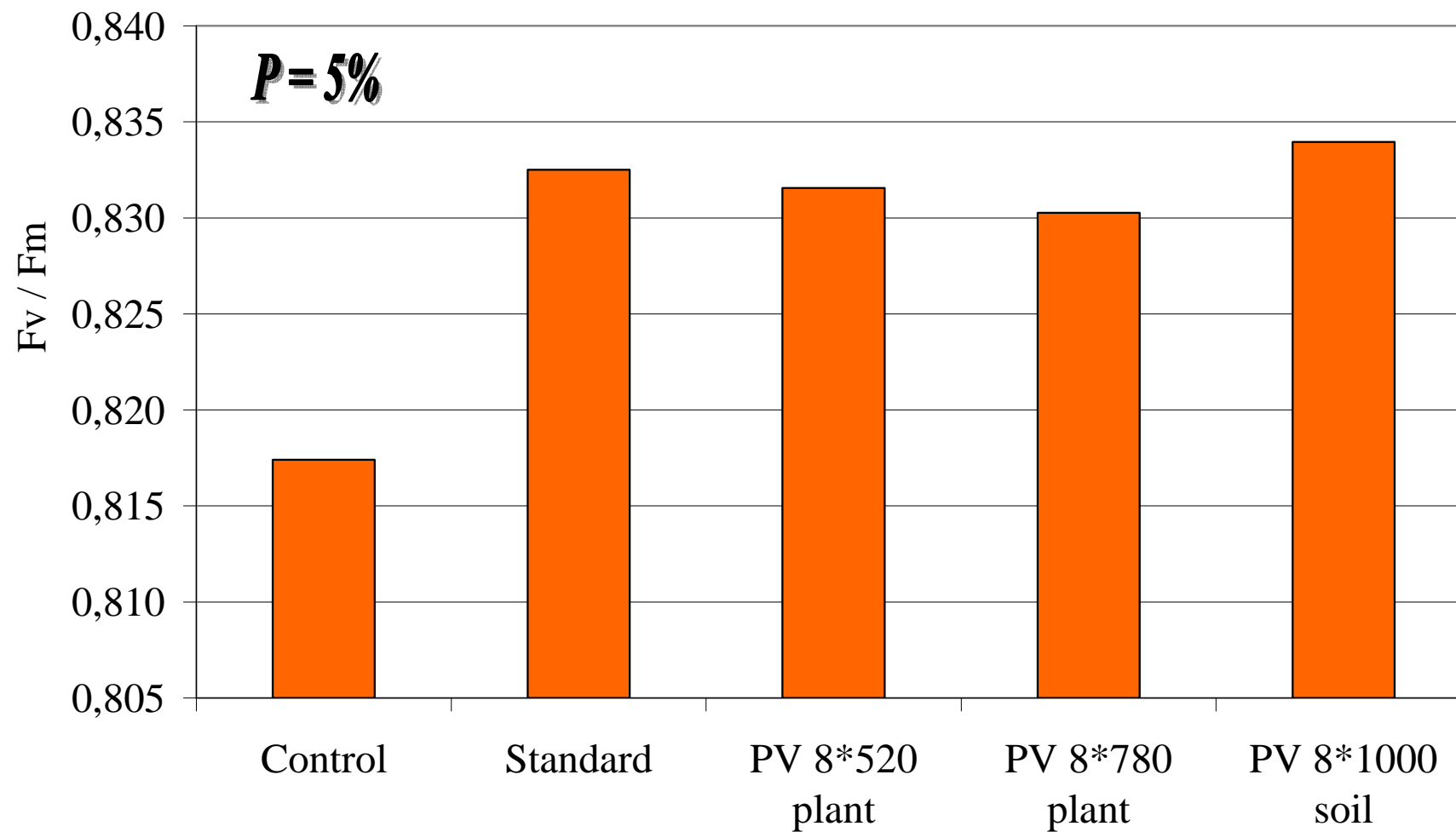


Yield of grapes, Eger

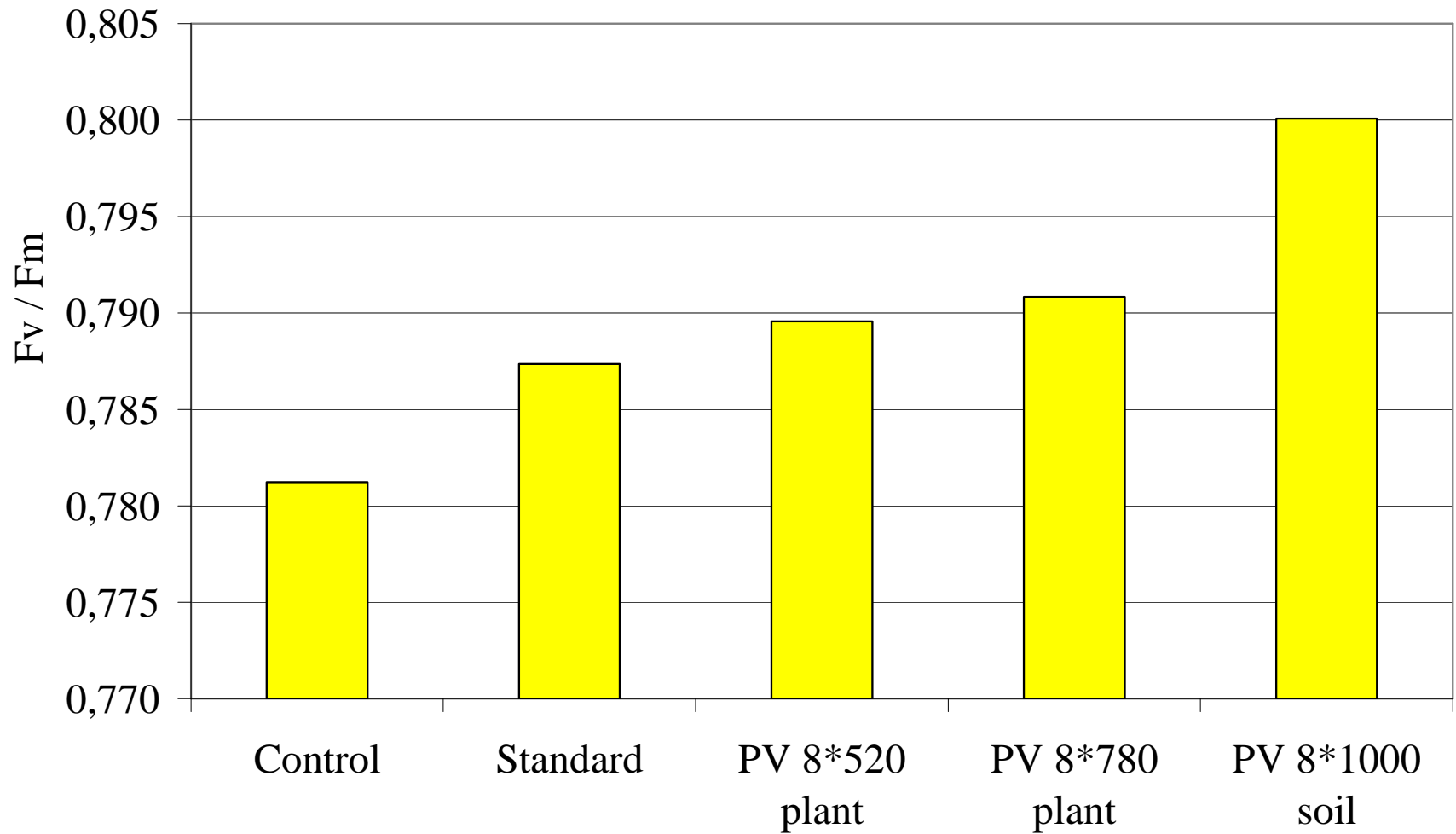


PHOTOSYNTHESIS TESTS

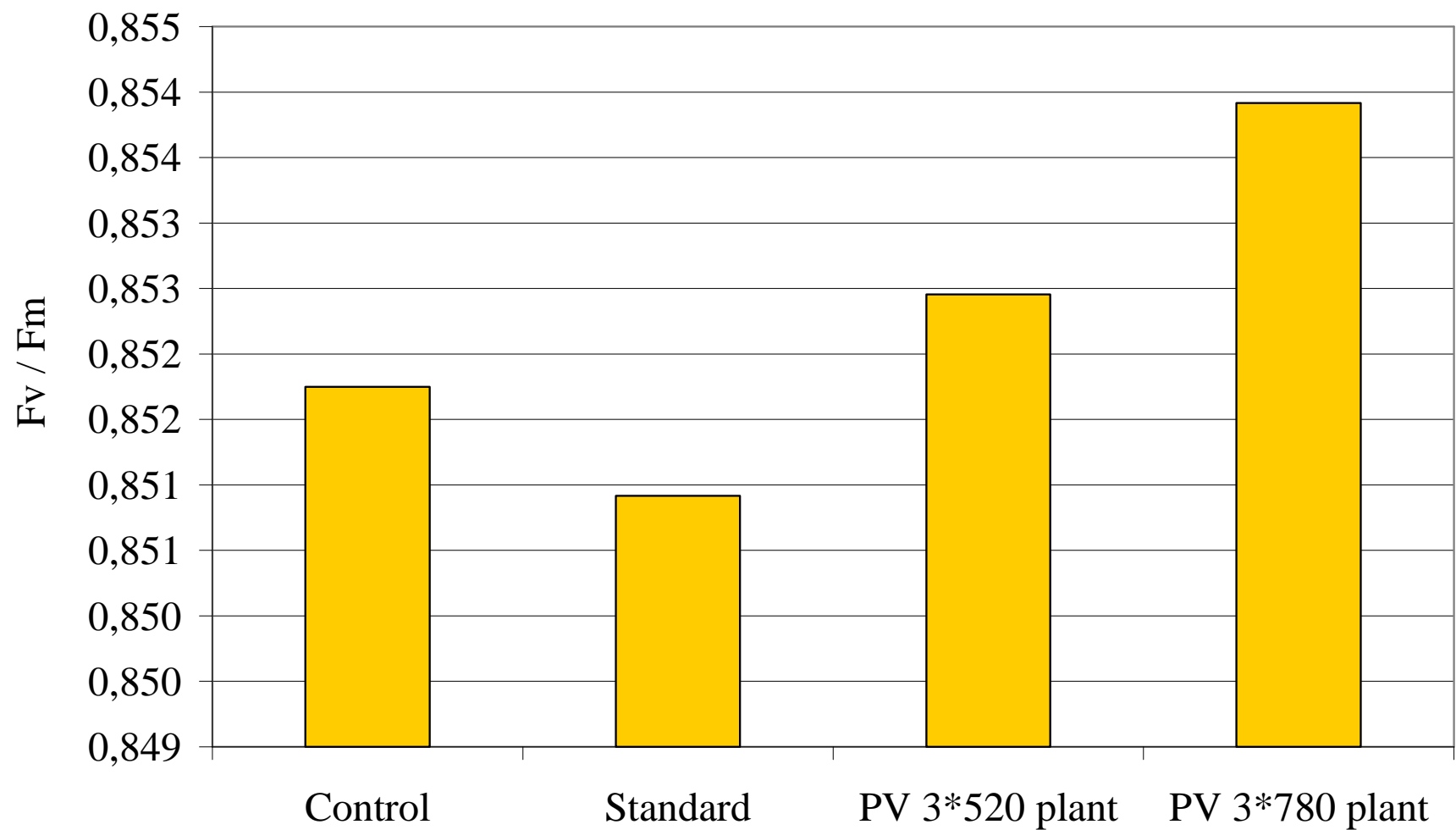
Potential quantum efficiency of tomato leaves



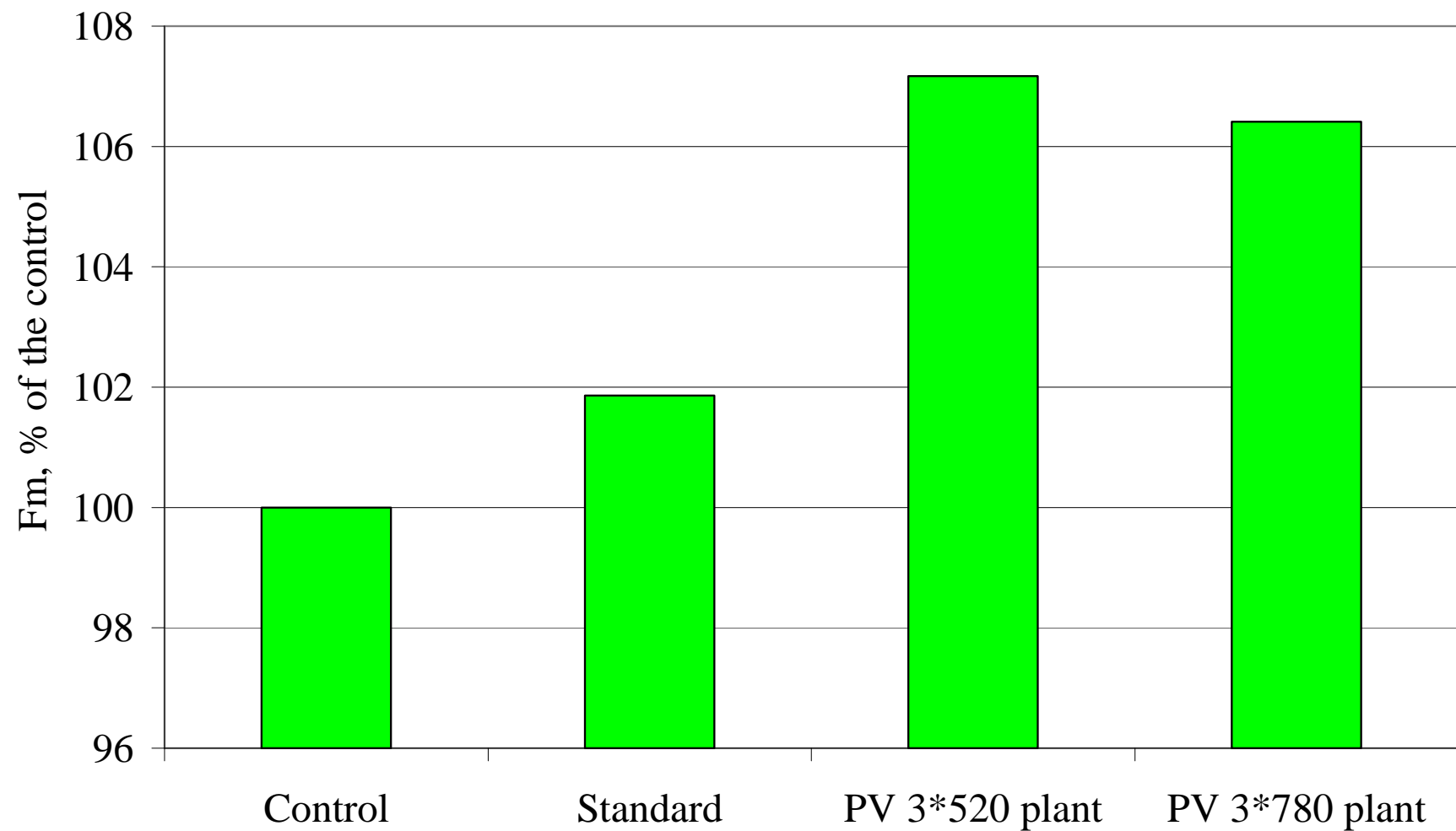
The potential quantum yield of paprika



Potential quantum efficiency of sunflower leaves, Karcag



Maximal chlorophyll fluorescence of grape leaves, Eger



Potential quantum efficiency of grape leaves, Pécs

