

Post harvest storage life of onion (*Allium cepa* L.) influenced by organic farming practices

V. SANKAR, D. VEERARAGAVATHATHAM AND M. KANNAN

Accepted : February, 2009

See end of the article for
authors' affiliations

Correspondence to:

V. SANKAR

National Research Centre
for Onion and Garlic,
Rajgurunagar, PUNE (M.S.)
INDIA

ABSTRACT

The present experiment was conducted at Horticulture College and Research Institute, Tamil Nadu Agricultural University, Coimbatore in the year 2002-03 and 2003-04, India. The results revealed the total loss of stored bulbs increased steadily as the period of storage was extended. The organic treatment combination of M_1S_2 (3 per cent panchagavya + 50 per cent FYM + 50 per cent poultry manure) registered the lowest total loss viz., 30.57 and 32.71 per cent in the variety N 2-4-1 during crop I and crop II, respectively at 120 days after storage. The inorganic treatment consisting of 100 per cent recommended dose of NPK fertilizers (M_4S_{10}) significantly varied from organic treatment and exhibited the highest total losses in both crops. A similar kind of response was observed in sprouting and rotting per cent also.

Key words : Onion, Organic manures, Growth stimulants, Storage life.