

Recommendations of Plant Physiology (2015-20):

S. No	Recommendation	Year	Annual Group Meeting
1.	<p>Spraying of Potassium chloride 1.50 % at the time of tillering (20- 25 DAS) and post-anthesis stages (35-40) produced maximum grain and fodder yield of pearl millet with a B:C ratio of 2.57.</p> <p>(Based on three years data during 2014-17)</p>	2016-17	52 nd AGM, PAU Ludhiana, 28-30 th April, 2017
2.	<p>Spraying of Chloromequet chloride and Mepiquet chloride at tillering (20-25 DAS) and anthesis (35-40 DAS) stage showed significant variations on growth, yield and yield attributing characters in pearl millet. Both chemicals enhanced the partitioning efficiency which showed that photosynthate assimilate remobilize maximum in the grain other than non grain part. Economics of different treatment at three centres suggest that the maximum grain yield (2269 kg/ha), net return (Rs. 27526/ ha and BC ratio 2.73 was reported with Chloromequet chloride -500 ppm.</p> <p>(Based on four years data during 2014-2018)</p>	2018-19	54 th AGM. ICAR-IARI, New Delhi, 15-17 th March, 2019