

Central Potato Research Institute has developed some spatial variable map of available nutrients in potato growing pockets based on intensive soil sampling using GPS and using GIS and remote sensing techniques under project “Geo-referenced mapping of available nutrients and other relevant soil properties”. These maps can be used for recommending nutrient requirement and other management practices for potato crop in respective area.

Maps of Jalandhar District: pH, OC, available P, available K, available Cu, available Zn, available Mn and available Fe.

Maps of Hoshiarpur District: available N, available P and available K.

Maps of Patna District(Jalla area): pH, OC, available N, available P and available K.

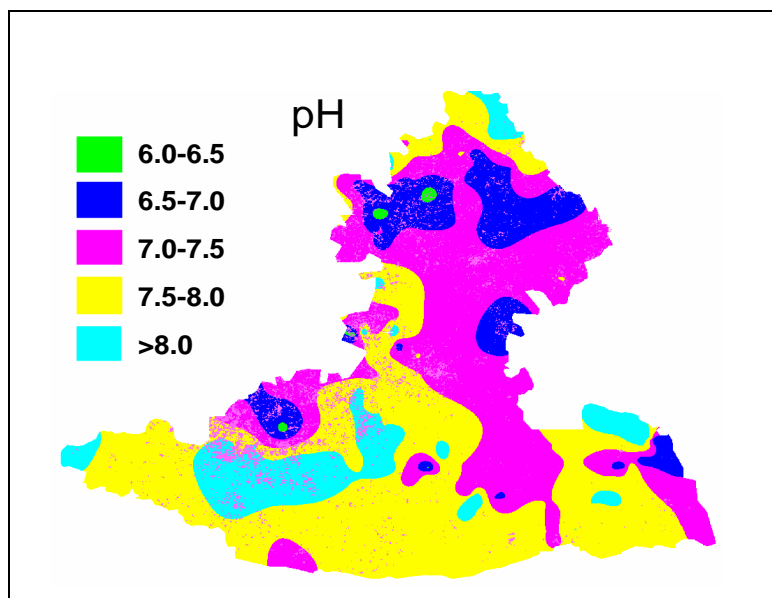


Fig. 1(a) Spatial distribution of soil pH in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

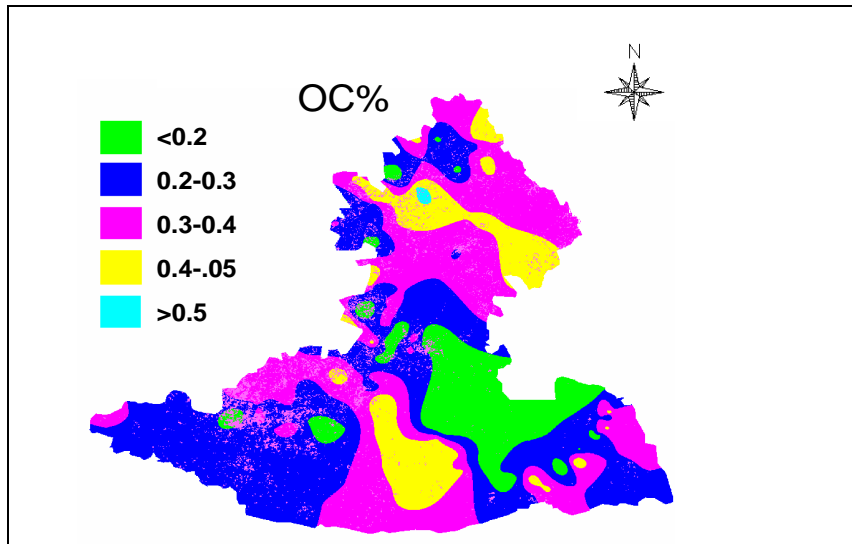


Fig. 1(b) Spatial distribution of soil organic carbon (OC%) in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

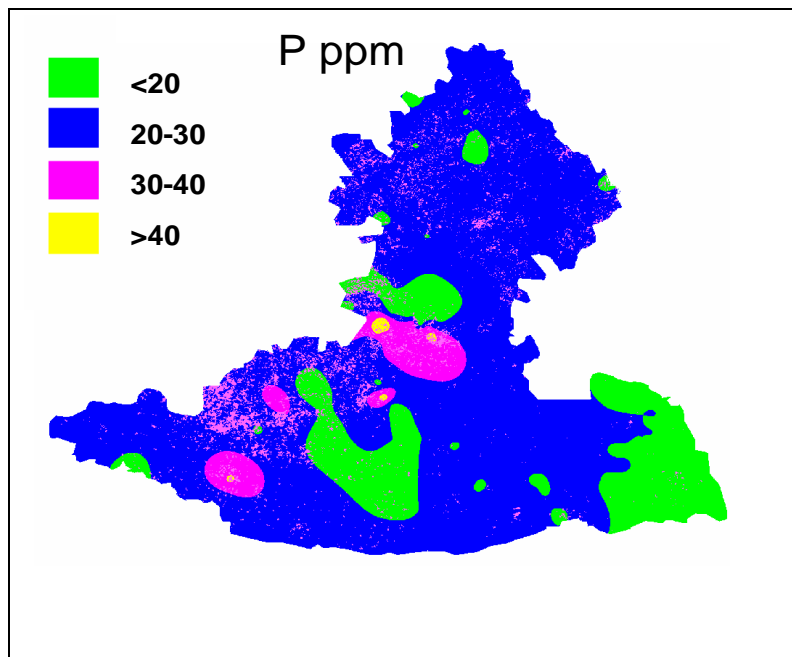


Fig. 1(c) Spatial distribution of soil available P in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

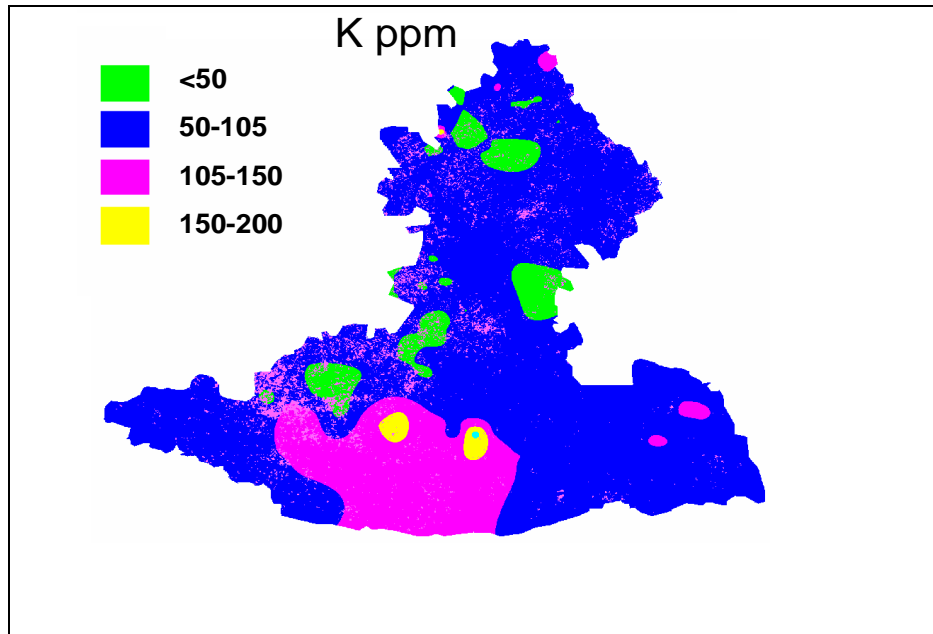


Fig. 1(d) Spatial distribution of available K in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

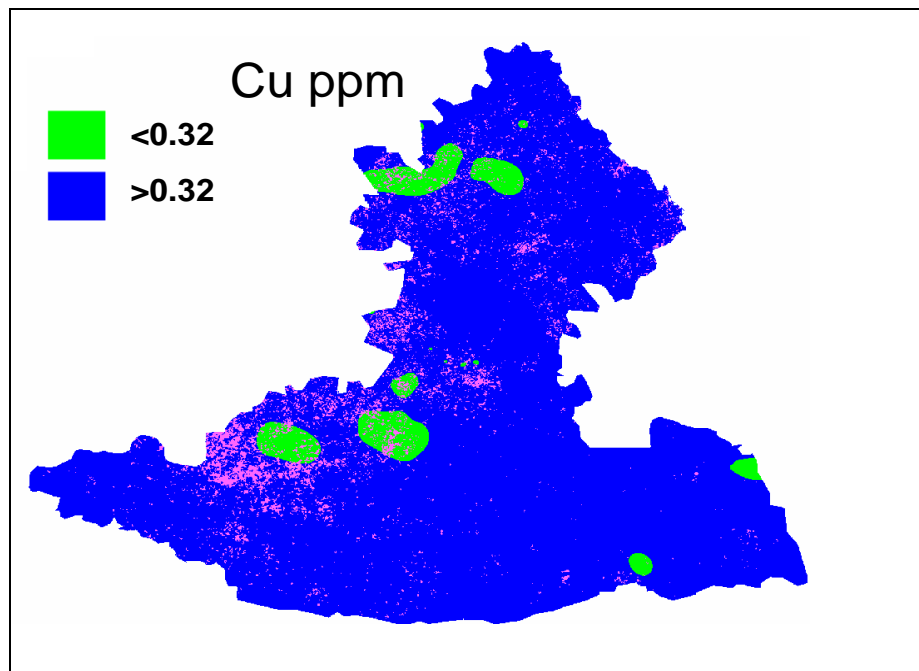


Fig. 2(a) Spatial distribution of DTPA extractable Cu, in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

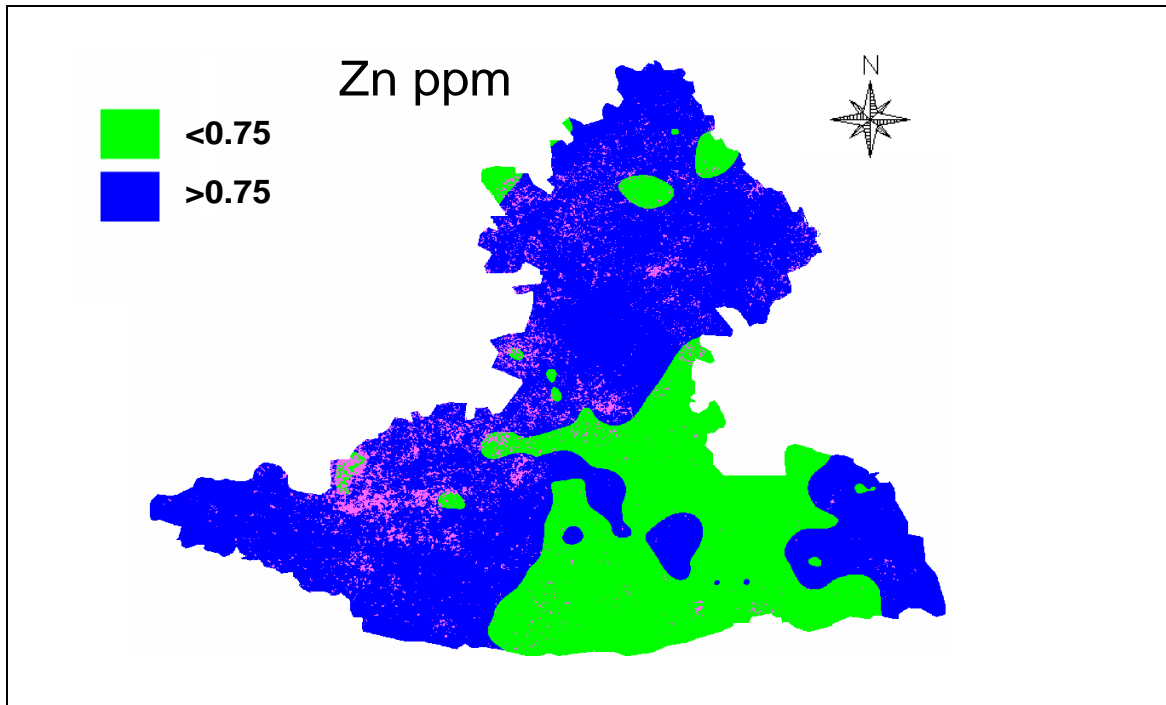


Fig. 29(b) Spatial distribution of DTPA extractable Zn, in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

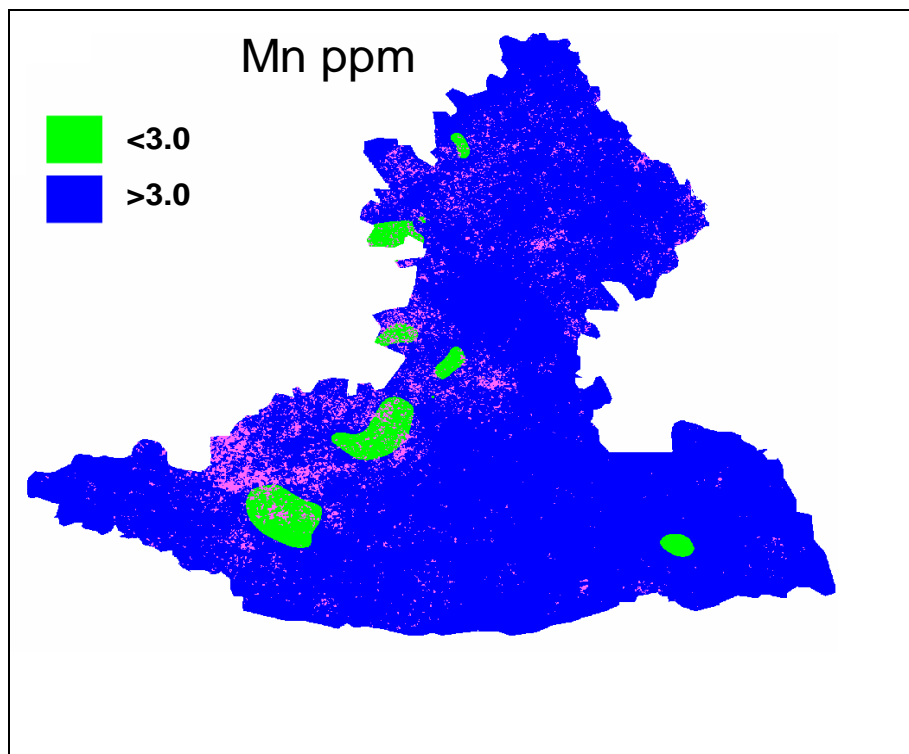


Fig. 2 (c) Spatial distribution of DTPA extractable Mn in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

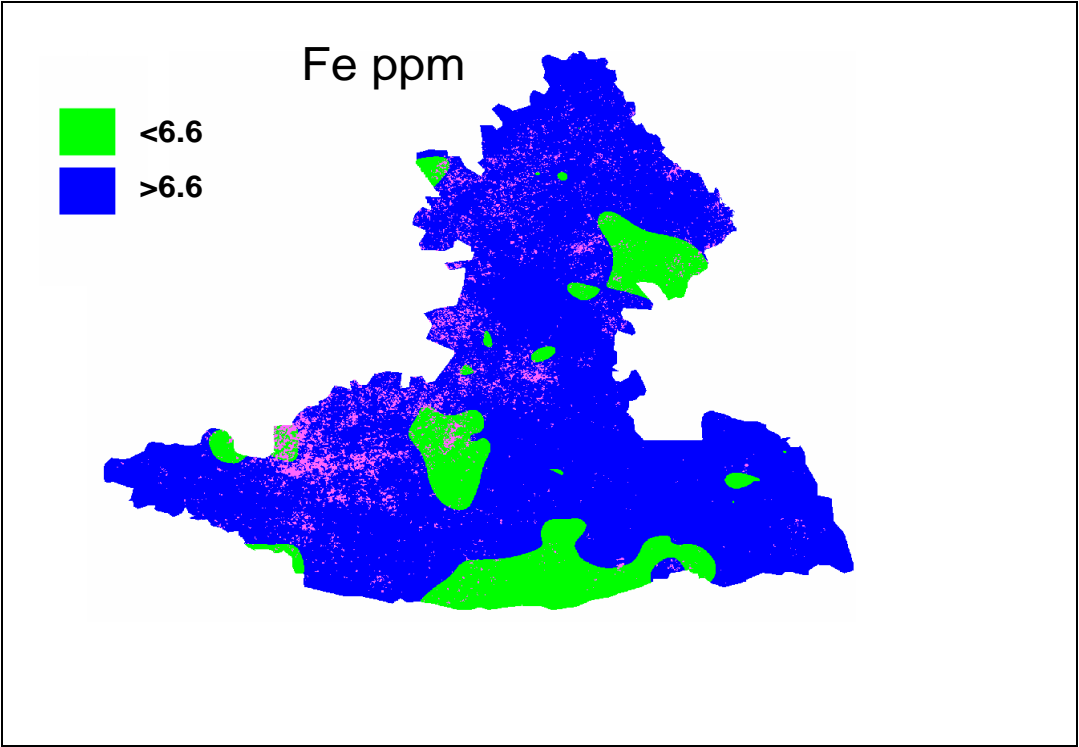


Fig. 2 (d) Spatial distribution of DTPA extractable Fe in potato growing area of Jalandhar district of Punjab. (pink pixels represent potato area)

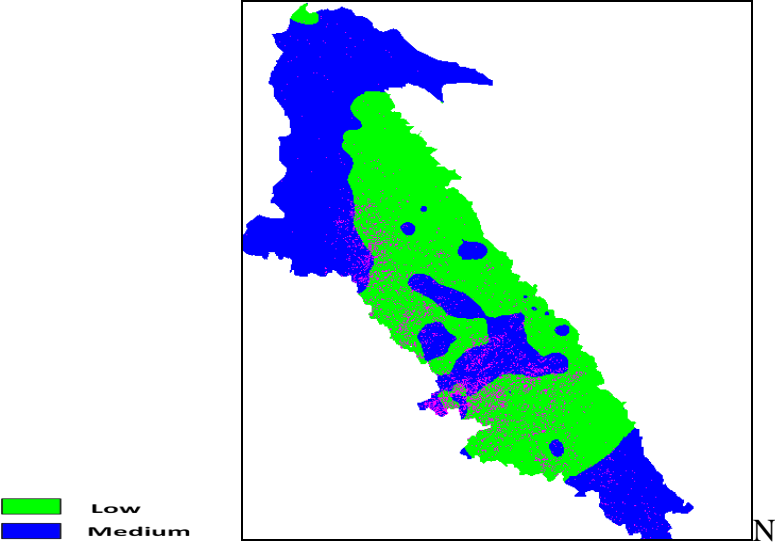


Fig. 3(a). Spatial distribution of available N in potato growing pockets of Hoshiarpur district of Punjab

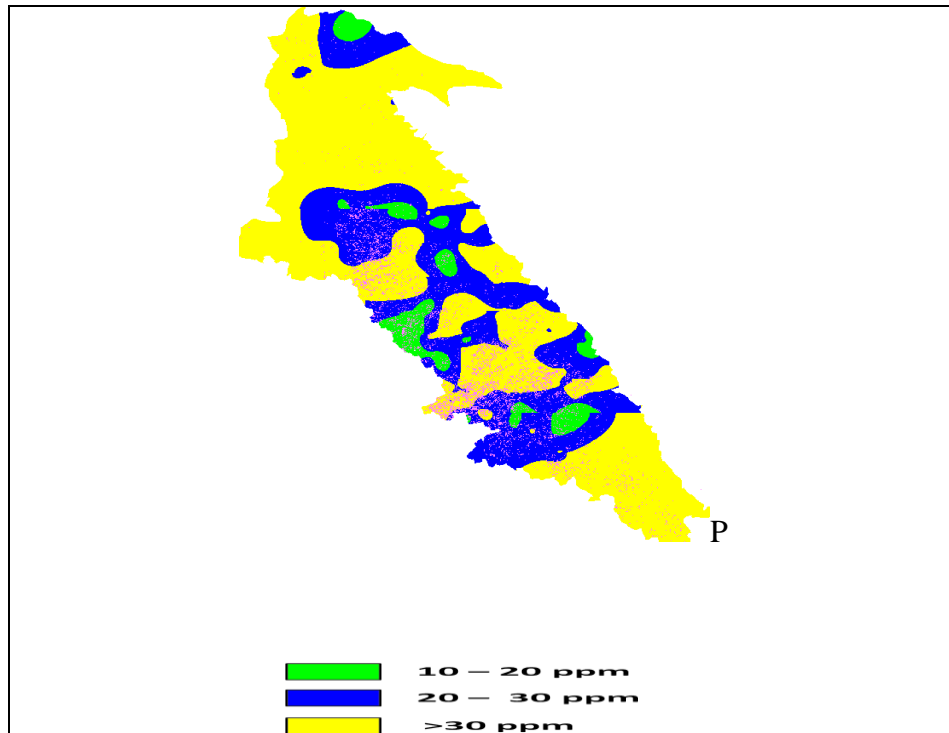


Fig. 3(b). Spatial distribution of available P in potato growing pockets of Hoshiarpur district of Punjab

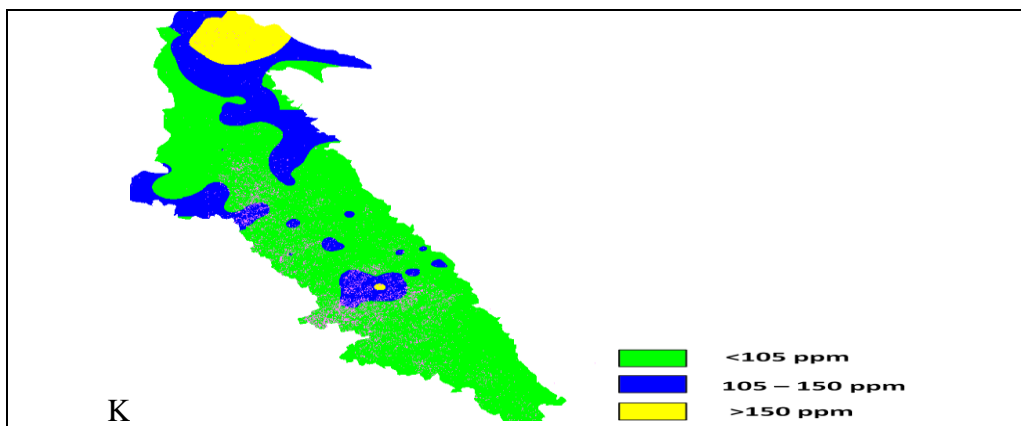


Fig. 3(c). Spatial distribution of available K in potato growing pockets of Hoshiarpur district of Punjab

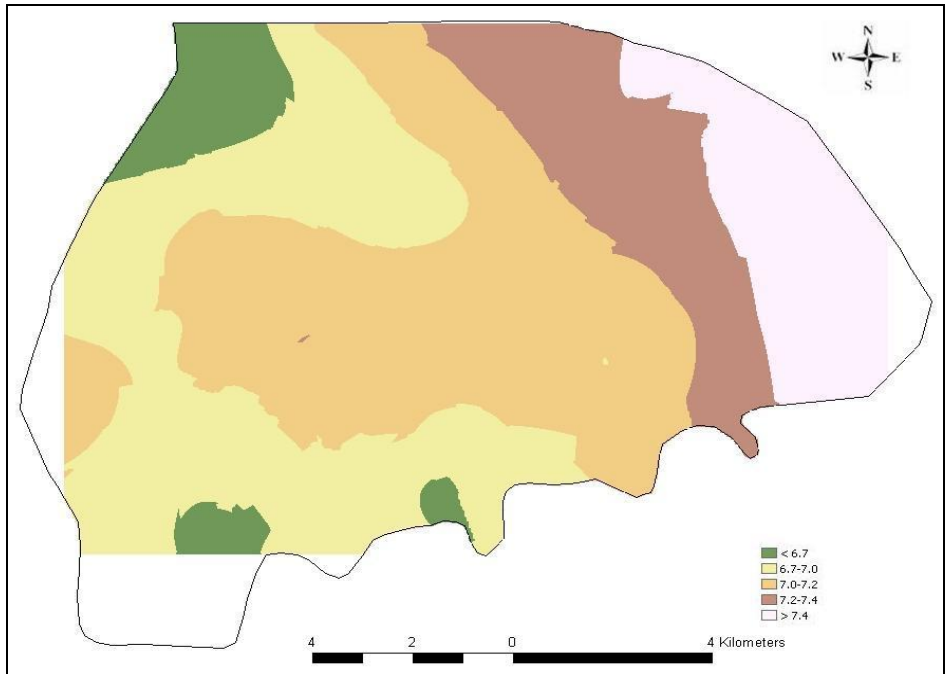


Fig. 4. Spatial distribution of soil pH values in the Jalla area of Patna District, Bihar

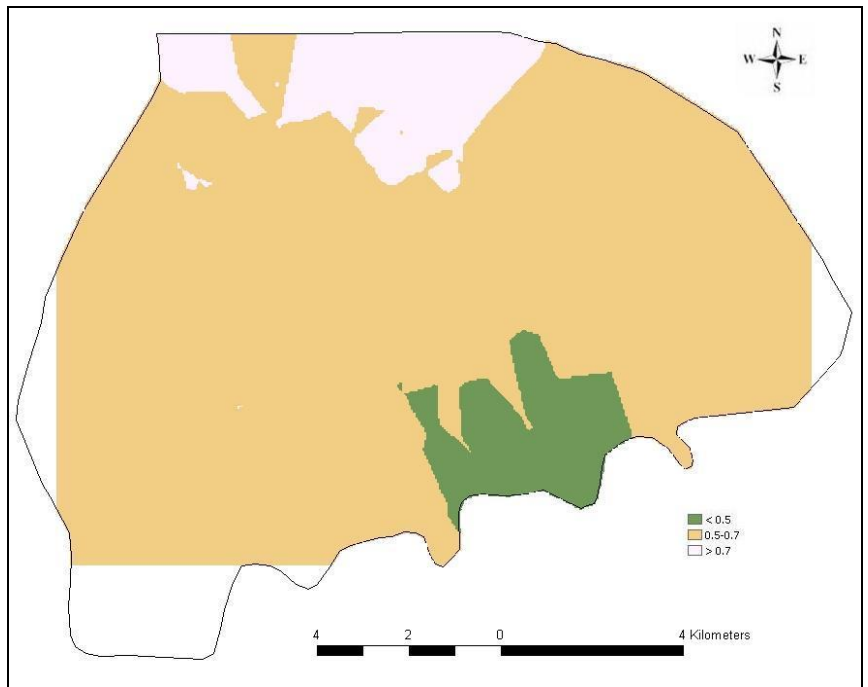


Fig. 5 Spatial distribution of organic carbon (%) in the Jalla area of Patna District, Bihar

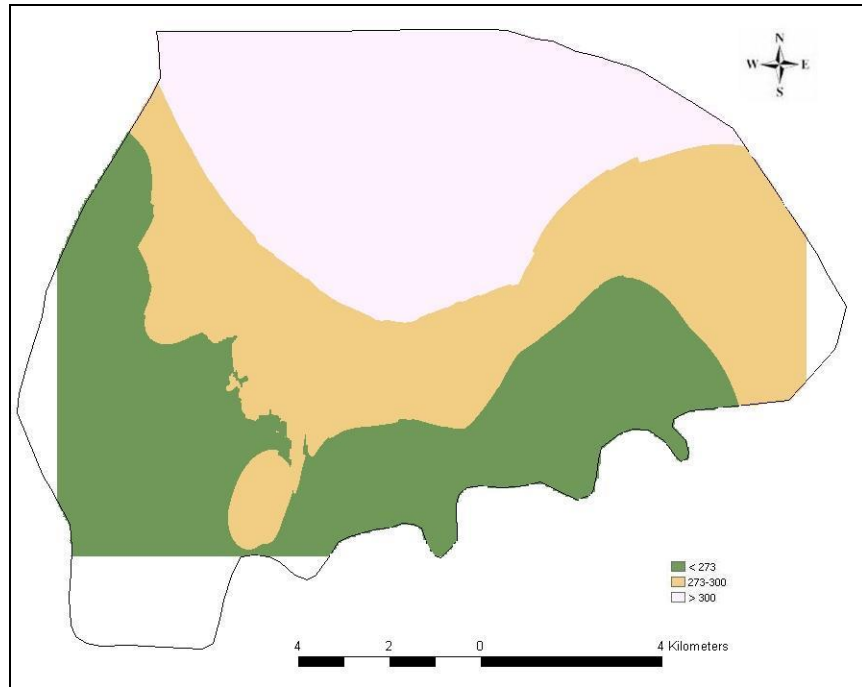


Fig. 6 Spatial distribution of available N (kg/ha) in the Jalla area of Patna District, Bihar

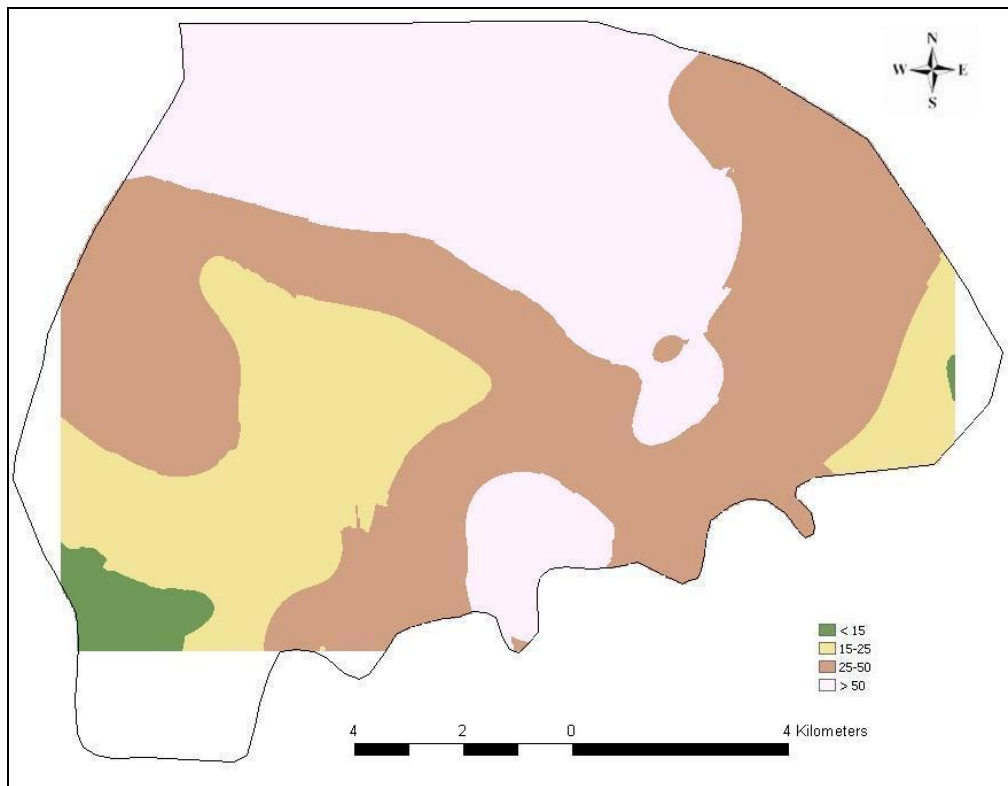


Fig. 7 Spatial distribution of available P (kg/ha) in the Jalla area of Patna District, Bihar

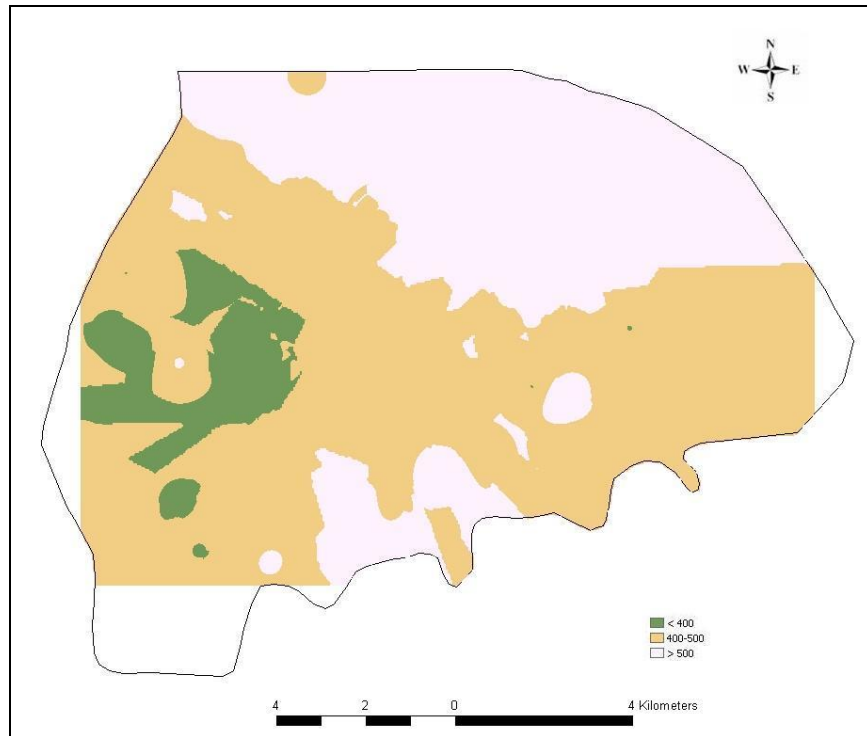


Fig. 8 Spatial distribution of available K (kg/ha) in the Jalla area of Patna District, Bihar