1108-20-141 John Hutchens\* (jdhutchens@saumag.edu). symmetric spaces of  $\mathfrak{p}$ -adic exceptional groups. We discuss the symmetric spaces of exceptional algebraic groups defined over a  $\mathfrak{p}$ -adic field as they relate to the theory of symmetric k-varieties. We view exceptional groups of type  $G_2$ ,  $F_4$ , and  $E_6$  as automorphism groups of certain k-algebras, and also identify certain subalgebras of these k-algebras with the fixed point groups of k-involutions of algebraic groups of types  $G_2$ ,  $F_4$ , and  $E_6$ . (Received January 08, 2015)