



transgenes provide the sole means of conferring tolerance to this herbicide. In such plants, glyphosate accumulates in the meristems, where it may interfere with reproductive development and may lower crop yield.

N-Acetylgllyphosate is not herbicidal and is a very poor inhibitor of EPSPS

FIGURE 11.7

N-Acetylation of glyphosate catalyzed by a glyphosate acetyltransferase (GAT).