

HERBICIDE OPTIMAL pH TABLE

Spray solution pH directly affects herbicide stability and performance. Many actives degrade by alkaline hydrolysis when tank water exceeds their optimal pH range, reducing weed control and wasting product. AgEssentials PH brings the spray solution into the optimum 4.5–5.5 window for the majority of common herbicides.

■ OPTIMAL
 ■ CAUTION
 ■ POOR

HERBICIDE OPTIMAL pH TABLE									
ACTIVE INGREDIENT	OPTIMUM pH	pH 4	pH 5	pH 6	pH 7	pH 8	pH 9	pH 10	pH 11
FLUMIOXAZIN	5	■	■	■	■	■	■	■	■
GLYPHOSATE	5.5	■	■	■	■	■	■	■	■
DICAMBA	5.5	■	■	■	■	■	■	■	■
GLUFOSINATE	5.5	■	■	■	■	■	■	■	■
2,4-D	6	■	■	■	■	■	■	■	■
DIQUAT	6	■	■	■	■	■	■	■	■
METRIBUZIN	6.5	■	■	■	■	■	■	■	■
PARAQUAT	6.5	■	■	■	■	■	■	■	■
ATRAZINE	7	■	■	■	■	■	■	■	■