

**Calculating nitrogen pounds applied per acre from pond drop:
midpoint of drop method**

Uses the dimensions of the pond surface area at the halfway point of the drop

_____ pond length at midpoint of drop (feet)

_____ pond width at midpoint of drop (feet)

_____ inches drop

_____ ppm or mg/L nitrogen (ammonium form or TKN form) from the lab report

_____ acres irrigated

_____ mg/L N x 0.226 = _____ lbs N per acre inch

_____ ft. pond length x _____ ft. pond width = _____ sq ft pond surface area

_____ sq ft pond surface area ÷ 43560 sq ft/acre = _____ acres pond surface

_____ acres pond surface x _____ inches drop = _____ acre inches applied

_____ acre inches applied x _____ lbs per acre inch = _____ total lbs N

_____ total lbs N applied ÷ _____ acres irrigated = _____ lbs N per acre