Table 1. Chemical properties of herbicides commonly used in field nursery production.

Herbicide	Trade names	Half-life (days)	Vapor pressure (mm Hg)	Major degradation pathways
isoxaben	Gallery	50-120	3.9×10^{-7}	Primarily microbial
oxyfluorfen	Goal	35	2.0×10^{-6}	Photo-degradation
simazine	Princep	60	2.2×10^{-8}	Chemical under low pH, Microbial under high pH
napropamide	Devrinol	70	4×10^{-6}	Photodegradation, some microbial
metolachlor	Pennant, Dual	15-25	3.1×10^{-5}	Primarily microbial, some photodegradation
dichlobenil	Casoron	60	1×10^{-3}	Volatilization, microbial degradation
pronamide	Kerb	60	8.5×10^{-5}	Chemical and microbial degradation
oxadiazon	Ronstar	60	7.8×10^{-7}	Not known
oryzalin	Surflan	20-128	1×10^{-8}	Photodegradation, microbial
pendimethalin	Pendulum	44	9.4×10^{-6}	Photodegradation, some microbial
prodiamine	Factor Barricade	69-120	2.5×10^{-8}	Photodegradation, some microbial
trifluralin	Treflan	45	1.1×10^{-4}	Photodegradation, some microbial