

Pesticide Active Ingredient Rating Report

Active Ingredient Common Name	ph	Solubility in Water (ppm)	Half Life (days)	KOC (mL/g)	Human Toxicity (ppb)	Fish Toxicity		SPISP II Ratings			Exposure Adjusted Toxicity Category		
						MATC*	STV	PLP	PSRP	PARP	Water Human	Fish	Sediment Fish

CALLISTO HERBICIDE

40% Mesotrione (ISO)

Reg No: 00010001131
 PC_Code: 122990 4.60 160 18 390 49.00 15,905.96 6,203,326.03 L I L I V V
 Cas_no: 0104206828
 Method: Surface Applied
 Area: Broadcast
 Rate: Standard

LEGEND

- X -- eXtra high
- H -- High
- I -- Intermediate
- L -- Low
- V -- Very low

Conditions that affect ratings:

- (none) -- Broadcast application (default); applied to more than 1/2 the field
- b -- Banded application; applied to 1/2 the field or less

- (none) -- Surface applied (default); applied to the soil surface

- i -- Soil incorporated; with light tillage or irrigation
- f -- Foliar application; directed spray at nearly full crop/weed canopy

- (none) -- Standard application rate (default); greater than 1/4 lb/acre

- l -- Low rate of application; 1/10 to 1/4 lb/acre
- -- Ultra Low rate of application; 1/10 lb/acre or less

SPISP II P-Ratings:

- PLP -- Pesticide Leaching Potential
- PSRP -- Pesticide Solution Runoff Potential
- PARP -- Pesticide Adsorbed Runoff Potential