



## Weed Control in Parsley<sup>1</sup>

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Parsley is placed in the "leafy greens" EPA group due to its closeness to lettuce and spinach for residues. Check *Weed Control in Leafy Vegetables* at <http://edis.ifas.ufl.edu/wg031> for possibly more labels. Bensulide may be applied to parsley preplant incorporated or preemergence on mineral soils.

Linuron is labeled for weed control in parsley (Table 1). The label for linuron is relatively new and the material should be used on a trial basis until experience is gained as to rates and timing at specific locations. Linuron may be applied as a postemergence application over parsley in muck soils only.

Cilantro (Mexican parsley, Chinese parsley) labels are not covered under parsley at the present time. Only bensulide and sethoxydim have labels for application on cilantro. In the future, cilantro may be covered under parsley for residue purposes.

**Read and follow all label directions.**

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**Table 1.** Chemical Weed controls: Parsley.

Herbicide	Labeled crops	Time of application to crops	Rate (lbs. AI./Acre)	
			Mineral	Muck
Bensulide (Prefar 4E)	Parsley	Preplant Directed-Hooded Row-middles	5-6	----
<b>Remarks:</b> May be applied preplant and incorporated with power driven cultivations or may be incorporated with irrigation.				
Carfentrazone (Aim)	Parsley	Preplant Directed-hooded Row-middles	0.031	0.031
<b>Remarks:</b> Aim may be applied as a preplant burndown treatment and/or as a post-directed hooded application to row middles for the burndown of emerged broadleaf weeds. May be tank mixed with other registered herbicides. May be applied at up to 2 oz (0.031 lb ai). Use a quality spray adjuvant such as crop oil concentrate (coc) or non-ionic surfactant (nis) at recommended rates.				
Linuron (Lorox DF)	Parsley	Preemergence Postemergence	0.75 NL	0.75 - 1.5 0.5
<b>Remarks:</b> Apply a single broadcast application in mineral and muck soils after planting but before plant emergence. In muck soils only, an additional application may be made after parsley emergence when weeds are in 1 to 3 leaf stage. Do not apply within 30 days of harvest.				
Pelargonic Acid (Scythe)	Parsley	Preplant, Preemergence, Directed-shielded	3-10% v/v	3-10% v/v
<b>Remarks:</b> Product is a contact, non-selective, foliar applied herbicide. There is no residual control. May be tank mixed with soil residual compounds. Consult label for rates and other information.				
Prometryne (Caparol 4L)	Parsley	Postemergence	0.25 -.5	0.25 -.5
<b>Remarks:</b> Caparol 4L may be applied postemergent as a broadcast application at .5 -1 pint/A to direct seeded parsley or dill. Applications may be made no closer then 30 days prior to harvest. Applications must be made in a minimum of 20 gpa. A maximum of 1 lb a.i/A (2 pts/A) of Caparol 4L may be applied per growing season. Crops treated may be sold for fresh market only. This is a third party registration. Authorization and waiver agreements must be obtained from TPR, Inc. prior to use. The use of the product may result in stunting and delayed maturity. Climatic conditions during the growing season will affect efficacy and phytotoxicity.				
Sethoxydim (Poast)	Parsley Cilantro	Postemergence	0.188-0.28	0.188-0.47
<b>Remarks:</b> Controls actively growing grass weeds. A maximum rate of 2.5 pints product may be made per application. A total of 5 pints product may be applied per season. There is a 30 day PHI (pre harvest interval). Consult label for rates for grass species and growth stages for best control.				