

A process for preparing a herbicidally active carboxylic acid salt is disclosed, the process comprising the steps of: i) combining a carboxylic acid with a high-boiling, water-immiscible organic solvent to obtain a solution or slurry; ii) treating the solution or slurry produced in step (i) with a base to form a carboxylic acid salt; iii) removing solvent from the mixture produced in step (ii) to obtain a carboxylic acid salt cake; and iv) drying the cake obtained in step (iii). The process is particularly suitable for preparing a salt of dicamba. A process for preparing dicamba-sodium comprises: (1) dissolving a carboxylic acid consisting essentially of dicamba in a high-boiling water-immiscible inert organic solvent to get a solution or slurry; (2) treating the dicamba solution or slurry in Step 1 with a base selected from sodium hydroxide, sodium bicarbonate and mixtures thereof, at a molar ratio of 1:0.97±0.6 % to form dicamba-sodium; (3) centrifuging the reaction mixture in Step 2 to obtain dicamba-sodium salt cake; and (4) drying the dicamba-sodium cake obtained in Step 3 to get a dry dicamba-sodium consistently having a pH value between about 7 and 10 when dissolved in water.