The invention relates to a crystalline polymorph of 4-[5-[3-chloro-5-(trifluoromethyl)phe-nyl]-4,5-dihydro-5-(trifluoromethyl)-3-isoxazo-lyl]-N-[2-oxo-2-[(2,2,2-trifluoroethyl)amino]ethyl]-1-naphthalenecarboxamide (Compound 1).

$$CI \xrightarrow{F_3C} \overset{\circ}{\underset{CF_3}{\bigvee}} \overset{\circ}{\underset{N}{\bigvee}} \overset{\sim}{\underset{N}{\bigvee}} \overset{\sim}{\underset{N}{\underset{N}{\bigvee}} \overset{\sim}{\underset{N}{\underset{N}{\bigvee}}} \overset{\sim}{\underset{N}{\underset{N}{\bigvee}}} \overset{\sim}{\underset{N}{\underset$$

The crystalline polymorph, designated as Form B, is characterized by a powder X-ray diffraction pattern having at least the 2θ reflection positions: 17,433; 18,586; 20,207; 20,791; 21,41; 22,112; 23,182; 24,567 and 27,844.

Also disclosed are compositions containing a polymorph Form B and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a parasiticidally effective amount of Form B or a composition containing the Form B.

Claims: 7 Fig.: 1