

Creating An Effective Mole Bait

In developing TALPIRID, Bell scientists studied hundreds of moles, meticulously gathering new and reliable information on the mole's unique biology and behavioral traits, such as activity level, breeding, and food preferences.

As a result of this research, TALPIRID is now the ONLY product submitted to the Environmental Protection Agency (EPA) with "laboratory efficacy tests" on moles.



At the same time, scientists exhaustively tested the effectiveness of existing bait forms and actives on the market.

Applying this knowledge, Bell scientists created a bait that met its standards for palatability and efficacy. TALPIRID mimics the earthworm, the mole's natural food source - a key to bait acceptance. Further, its mode of action is consistent with the mole's biology, critical to effectiveness.

With early samples of the bait in hand, scientists put the new product to the final test in the mole's natural environment. Teams of researchers tested the bait's performance in field trials throughout the United States, examining its effectiveness on various moles species, different soil types and baiting conditions.

TALPIRID proved to be the most preferred food source for moles after earthworms. In fact, TALPIRID so closely mimics the mole's natural food that mole's respond to the bait in the same way as an earthworm, thus gaining its reputation as "the bottom line in mole control."