Porcine Zona Pellicida (PZP) is a contraceptive vaccine for wildlife that works by stimulating the creation of antibodies that bind to the egg of the female, blocking the attachment of sperm. ZonaStat-H is the brand name for the PZP pesticide used specifically to control wild and feral horses and burros. The PZP vaccine is regulated by FDA, and ZonaStat-H is further regulated by EPA.

PZP is manufactured and distributed by The Science and Conservation Center in Billings, Montana. Training is required for any application of PZP to horses, and this training is provided by The Science and Conservation Center.

PZP is available in two formulations:
- as a **vaccine**, regulated by FDA and the New Mexico Livestock Board:
  - The PZP vaccine may be used on your own horses or burros as a drug, with the supervision of a licensed veterinarian, under FDA's and the NM Livestock Board's regulations.
  - The New Mexico State Veterinarian, under the authority of the New Mexico Livestock Board, authorizes the use of the vaccine porcine zona pellucida (PZP) in horses and burros (equids) by New Mexico licensed veterinarians or under their direction. The New Mexico Livestock Board assumes no liability for any adverse reactions related to the use of PZP.
- as a **pesticide**, regulated by EPA and the New Mexico Department of Agriculture.
  - To use PZP as a pesticide on wild or feral horses or burros, individuals must be licensed pesticide applicators and must follow the ZonaStat-H label directions. The EPA registered label specifies only licensed applicators with the following agencies or organizations are eligible to use ZonaStat-H on wild horses and burros:
    - Federal: National Park Service; Bureau of Land Management; US Fish & Wildlife Service; Department of Defense; US Department of Agriculture
    - State: NM Department of Agriculture; NM Livestock Board; NM Fish & Wildlife
    - Federally recognized Indian tribes
    - Public and private wild horse sanctuaries and reserves
    - Humane Society of the United States
  - Qualified individuals may apply for either a Public Applicator or Noncommercial Applicator license. Once approved, applicants will take three exams: one on general pesticide safety and use, one on NM pesticide laws, and one specific to the ZonaStat-H category. NMDA charges an exam administration fee of $10 per exam and an annual license fee of $75. Public Applicators, as defined by the New Mexico Pesticide Control Act, are exempt from these fees.

**To Learn More about PZP**

The Humane Society of the United States has registered the pesticide ZonaStat-H in New Mexico. More information on PZP and immunocontraception is available on their web site, [www.humanesociety.org/issues/wildlife_overpopulation/qa/q_and_a_pzp.html](http://www.humanesociety.org/issues/wildlife_overpopulation/qa/q_and_a_pzp.html).


The New Mexico Livestock Board and the Office of the State Veterinarian have authority over livestock drugs. Contact them at 505-841-6161 or visit [www.nmlbonline.com/](http://www.nmlbonline.com/).

For information on ZonaStat-H registration or licensing contact the New Mexico Department of Agriculture. Telephone 575-646-2134, email [pesticides@nmda.nmsu.edu](mailto:pesticides@nmda.nmsu.edu), or visit [www.nmda.nmsu.edu/pesticides](http://www.nmda.nmsu.edu/pesticides).