



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 23, 2026

Noelle Sanfilippo  
Regulatory Affairs Specialist  
Farnam Companies, INC  
1501 East Woodfield Road, 200W  
Schaumburg, Illinois 60173

Subject: Label Amendment - Registration Review Mitigation for Tetrachlorvinphos (TCVP)  
Product Name: VITA PLUS® WITH EQUITROL®  
EPA Registration Number: 270-165  
Case Number: 675077  
Application Date: July 10, 2024

Dear Noelle Sanfilippo:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the tetrachlorvinphos (TCVP) Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Patricia Biggio by phone at 202-566-1938, or via email at [biggio.patricia@epa.gov](mailto:biggio.patricia@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is fluid and cursive, with the first name "Dana" and last name "Friedman" clearly legible.

Dana L. Friedman, Chief  
Risk Management and Implementation Branch 1  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

ENCLOSURE: Stamped label

FARNAM  
VITA PLUS® WITH EQUITROL®  
FEED-THRU FLY CONTROL

Now contains Equitrol® Feed thru fly control to prevent the development of Stable Flies and House flies in the manure of treated horses

The Nutritional Feed Supplement for All Classes of Horses Vitamins

• Minerals • Amino Acids • Selenium • Coat Conditioner With

EQUITROL® Feed-Thru Fly Control

**ACTIVE INGREDIENT**

Tetrachlorvinphos: (CAS #961-11-5) ..... 1.234%\*

**OTHER INGREDIENTS** ..... 98.766%\*\*

TOTAL 100.000%

\*Contains 5.597 g RABON® per pound.

\*\*Refers only to ingredients which are not larvicidal.

**FEED INGREDIENTS**

Wheat Middlings, Dehydrated Alfalfa Meal, Wheat Germ Meal, Molasses, Corn, Dicalcium Phosphate, Salt, Dried Whey, Vitamin A Supplement, Vitamin D<sub>3</sub> Supplement, Vitamin E Supplement, Vitamin B12 Supplement, Riboflavin Supplement, Niacin, Calcium Pantothenate, Choline Chloride, Thiamine Mononitrate, Pyridoxide Hydrochloride (Vitamin B6), Sodium Selenite, L Lysine Hydrochloride, dL- Methionine, Zinc Amino Acid Chelate, Manganese Amino Acid Chelate, Iron Amino Acid Chelate, Copper Amino Acid Chelate, Iodine Amino Acid Chelate, and Cobalt Amino Acid Chelate, Magnesium Sulfate, Potassium Chloride, propionic acid, and acetic acid (preservatives).

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side panel for additional Precautionary Statements

NET WT:

EPA REG. NO. 270-165

EPA EST. NO.

**A C C E P T E D**

Jan 23, 2026

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 270-165

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS**  
**CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

<b>FIRST AID</b>	
IF SWALLOWED	<ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOTLINE NUMBER</b> <b>ORGANOPHOSPHATE</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact toll free: (800) 234-2269 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present; atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.	

## **Personal Protective Equipment (PPE)**

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical resistant gloves: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile  $\geq 14$  mils, neoprene  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils and viton  $\geq 14$  mils

### **User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of treated materials, including manure and litter, equipment washwaters or rinsate. Runoff may adversely affect aquatic invertebrates, and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Do not discharge effluent containing this product into lakes, streams ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

This product is highly toxic to bees and other non-target insects exposed to direct treatment.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## **RESISTANCE-MANAGEMENT**

For resistance-management, FARNAM VITA PLUS® WITH EQUITROL® contains a Group 1 insecticide. Any insect population may contain individuals naturally resistant to FARNAM VITA PLUS® WITH EQUITROL® and other Group 1 insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of FARNAM VITA PLUS® WITH EQUITROL® other Group 1 insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes inspection of animals and/or premises, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Farnam Companies, Inc. at (1-800-234-2269) or at ([www.farnam.com](http://www.farnam.com)).

## **ENDANGERED AND THREATENED SPECIES PROTECTION REQUIREMENTS:**

Before using this product, you must obtain any applicable Endangered Species protection Bulletins ("Bulletins") within six months prior to or on the day of application. To obtain Bulletins, go to Bulletins Live! Two (BLT) at <https://www.epa.gov/pesticides/bulletins>. When using this product, you must follow all directions and restrictions contained in any applicable Bulletin(s) for the area where you are applying the product, including any restrictions on application timing if applicable. It is a violation of Federal law to use this product in a manner inconsistent with its labeling, including this labeling instruction to follow all directions and restrictions contained in any applicable Bulletin(s). For general questions or technical help, call 1-844-447-3813, or email [ESPP@epa.gov](mailto:ESPP@epa.gov).

**REPORTING ECOLOGICAL INCIDENTS:** For guidance on reporting ecological incidents, including death, injury, or harm to plants and animals, including bees and other non-target insects, see EPA's Pesticide Incident Reporting website: <https://www.epa.gov/pesticide-incidents> or call 1-800-234-2269.

## **GENERAL INSTRUCTIONS AND INFORMATION**

Feed the recommended dosage to each horse separately to make certain he receives his full portion. This product should be fed top dressed on grain or mixed with the horse's total ration to provide 70 mg of Rabon® per 100 lb. of body

weight. For an occasional finicky eater who does not accept new feeds readily, mix FARNAM VITA PLUS® WITH EQUITROL® with sweet feed or grain ration.

Begin feeding FARNAM VITA PLUS® WITH EQUITROL® early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

FARNAM VITA PLUS® WITH EQUITROL® prevents the development of House Flies and Stable Flies in the manure of treated horses but is not effective against existing adult flies. In some cases, supplemental fly control measures may be needed in and around paddocks and buildings to control adult House Flies and Stable Flies which can breed not only in manure but in other decaying vegetable matter or silage on premises.

In order to achieve optimum fly control, FARNAM VITA PLUS® WITH EQUITROL® should be used in conjunction with other good management and sanitation practices.

### **USE RESTRICTIONS**

CAUTION: Follow label directions.

- Do not use on horses intended for slaughter.
- Do not add feed of higher levels of this premix containing selenium.

### **USE PRECAUTIONS FOR HORSES**

This product contains tetrachlorvinphos, which is a cholinesterase inhibitor. The most frequently reported clinical signs of cholinesterase inhibition in the horse are abdominal pain, lethargy, sweating, tearing and excessive salivation. If these signs are seen in horses, consult your veterinarian immediately. Do not use this product simultaneously or within a week before or after treatment with cholinesterase inhibiting drugs, pesticides or chemicals. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. This product has not been tested in breeding horses.

## GUARANTEED ANALYSIS

Each pound contains not less than:

	Per Ounce	Per Pound
Lysine		0.05 %
Methionine		0.05 %
Calcium (min)	766 mg	2.75 %
Calcium (max)	836 mg	3.75 %
Phosphorous (min)	326 mg	1.15 %
Salt (min)	255 mg	0.9 %
Salt (max)	397 mg	1.4 %
Potassium (K)	241 mg	0.85 %
Magnesium (Mg)	12.5 mg	0.044 %
Copper (Cu)	4.0mg	141 ppm
Selenium (Se)	120 mg	4 ppm
Zinc (Zn)	20.0 mg	705 ppm
Iodine (I)	1.0mg	35 ppm
Iron (Fe)	100.0 mg	3,527 ppm
Cobalt (Co)	0.05 mg	18 ppm
Manganese (Mn)	10.0 mg	353 ppm
Vitamin A	25,000 IU	400,000 IU
Vitamin D3	2,500 IU	40,000 IU
Vitamin E	25 IU	400IU
Vitamin B12	200mg	3,200 mg/lb
Riboflavin (B2)	25 mg	400 mg/lb
d-Pantothenic Acid	62.5 mg	1,000 mg/lb
Thiamine (B1)	12.5 mg	200 mg/lb
Niacin	125.0 mg	2,000 mg/lb
Vitamin B6	5.0 mg	80 mg/lb
Choline	106.0 mg	1,696 mg/lb
Polyunsaturated Fatty Acids (as glycerides)		2.75 %



## DAILY FEEDING LEVELS

### DAILY DOSAGE

300-500 lb Horse	Feed 2/5 oz (One FARNAM VITA PLUS® WITH EQUITROL® measuring cup filled to the blue line) per horse per day.
500-700 lb Horse	Feed 3/5 oz (One FARNAM VITA PLUS® WITH EQUITROL® measuring cup filled to the red line) per horse per day.
700-900 lb Horse	Feed 4/5 oz (One FARNAM VITA PLUS® WITH EQUITROL® measuring cup filled to the green line) per horse per day.
900-1,100 lb Horse	Feed 1 oz (One full FARNAM VITA PLUS® WITH EQUITROL® measuring cup) per horse per day.

For larger horses over 1,100 lb of body weight feed ¼ oz for each 250 lb of body weight.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not allow to enter indoor or outdoor drains. Do not pour or dispose of down-the-drain or sewer. Call your local solid waste agency for local disposal options.

**PESTICIDE STORAGE:** Store tightly closed in cool, dry place inaccessible to children and pets.

**PESTICIDE DISPOSAL:** Pesticide that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles.



®RABON is a registered trademark of Elanco US INC.

Farnam Companies, INC.  
1501 East Woodfield Road 200W  
Schaumburg, IL 60173

Made in U.S.A.