

Timberline

Nature. Nurture. Nutrition.



WE TAKE

Natural

TO THE NEXT LEVEL.



NATURE. NURTURE. NUTRITION.

The natural choice for nurturing pets.

Timberline started in the fishing, live bait and tackle business in the mid-1970s. In the decades since, we've grown into a leading producer of live food for exotic animals, with nationwide distribution. Our feeder insects are raised in scientifically controlled environments and every order is guaranteed to arrive fast, fresh and in the best possible condition.

At Timberline, we believe that reptiles and amphibians deserve the highest quality of life—and that mission inspires everything we do. From pre-packaged products to nutrient-dense products like Vita-Bugs® and CalciWorms®, our products are designed to improve the lives of animals and the people who care for them.

Nutrition nature intended.

Extreme Overcounts

To ensure your food arrives fresh, thriving and delicious, we add a generous amount of free product to each order.

100% Satisfaction Guaranteed

We're committed to providing products that animals and their caretakers will love. If for any reason you're not satisfied with your order, contact a customer service representative for a full replacement or refund.

72-Hour Health Guarantee

We guarantee that your products will remain alive, fresh, thriving and healthy for days after they arrive.

Comprehensive Selection

With a little care, you can extend the life of your feeder insects. We offer a full line of accessories and products that enhance the feeder life span.

Educational Materials

Our website is loaded with insect and reptile care information.





You care for them. We'll care for you.

Store Use Program

If your pet store sells reptiles and amphibians, you have lots of mouths to feed! Our Store Use Program gives pet stores free live food when they set up a recurring standing order. The program helps you manage costs and responsibilities, while providing the best care for your pets. Better yet, you'll inspire your customers to make the natural choice!

By enrolling in the Store Use Program, **you get 500 FREE crickets each week.** with a recurring order of at least 3,000 crickets per week.

**READY TO
ENROLL?**
CALL US AT
800-423-2248



BRED AND FED FOR BETTER NUTRITION

Many commercial brands have turned to dusting and gut-loading to give feeder insects a more complete nutritional profile. But even when used properly, these products do not provide appropriate nutrition. At Timberline, we developed an innovative solution to fill the nutritional gap: Vita-Bugs®.

Vita-Bugs® are the result of years of research and development. Our patented feed enhances the content of feeder insects as they grow, giving them a greater number of critical nutrients and reducing the need to dust or gut-load. Vita-Bug® insects have been proven to maintain the increased vitamin and nutrient levels throughout their growth cycle—unlike most gut-loading or dusting techniques, which lose their potency over time.

To see the complete Vita-Bug® study, go to timberlinefisheries.com/vitabugs

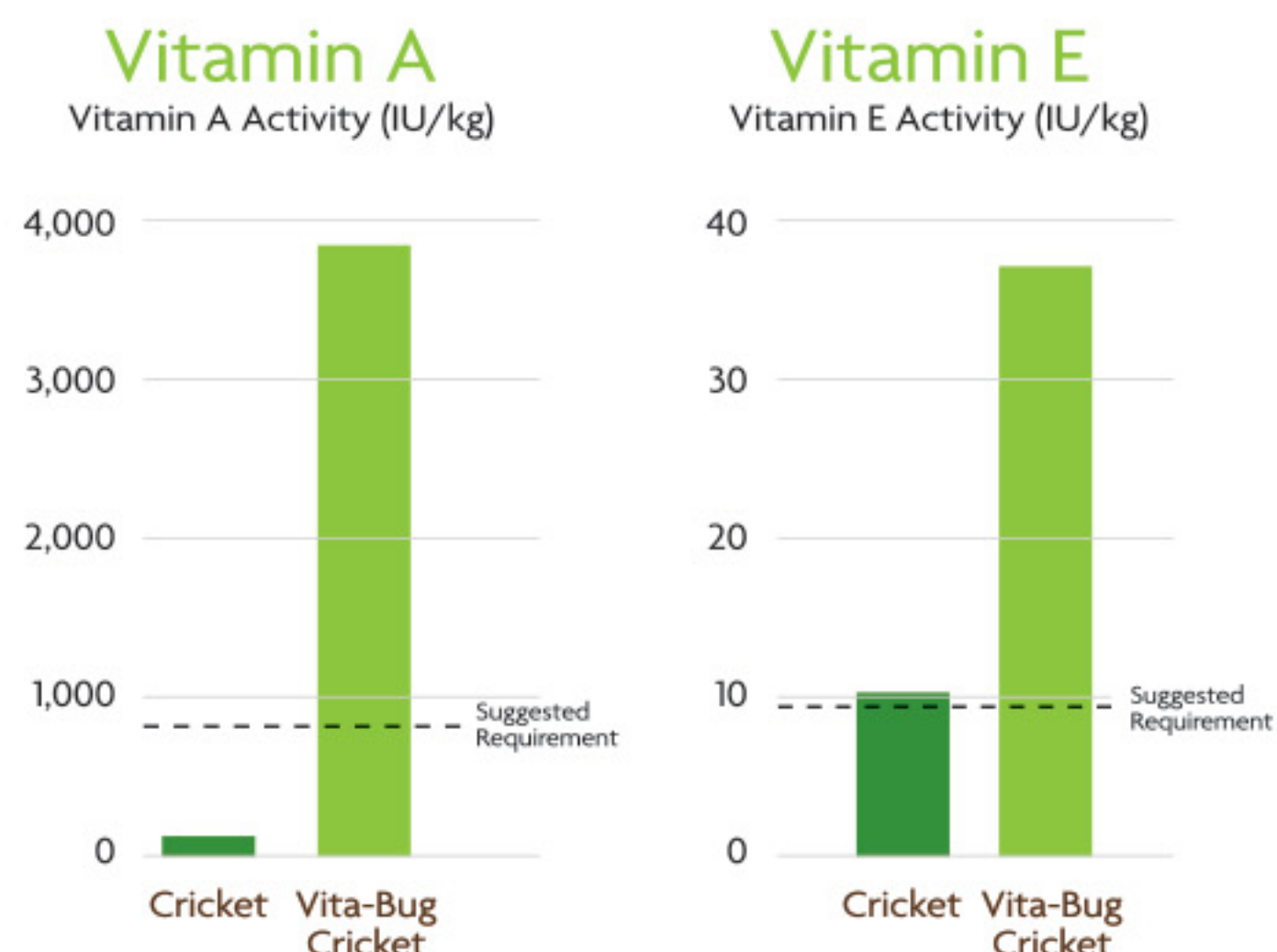


Vita-Bug® Crickets

Available in:
11 Sizes, 6 Packaged Sizes
Bulk Quantities

Guaranteed Cricket Analysis

Crude Protein	16%	(min)
Crude Fat	4%	(min)
Crude Fiber	4%	(max)
Moisture	77%	(max)
Vitamin E	35IU/kg	(min)
Beta-carotene	1,200ug/g	(min)
Omega-6 Fatty Acids	1.4%	(min)
Omega-3 Fatty Acids	0.24%	(min)





Vita-Bug® Worms

	Units	Superworms		Mealworms		Waxworms	
		Regular	Vita-Bug®	Regular	Vita-Bug®	Regular	Vita-Bug®
Omega-6 Fatty Acids	% of fat	28.6	26.8	37.1	32.9	6.2	10.4
Omega-3 Fatty Acids	% of fat	0.8	1.2	1.1	1.7	0.4	1.6
EPA	% of fat	0.0	0.2	0.0	0.3	0.0	0.2
Omega-6; Omega-3		36	22	34	19	16	7
Vitamin E	IU/kg	9	128	0	43	13	42
Beta-Carotene	mg/kg	0.00	0.64	0.00	0.17	0.00	0.00
Zeaxanthin	mg/kg	NA	NA	NA	NA	NA	0.81

Available in:

Mealworms, Superworms & Waxworms

Mealworms in **5** Sizes; Superworms in **3** Sizes

Bulk Quantities

Cupped Quantities



CRICKETS

(*Acheta domestica*)



From bearded dragons to tarantulas, just about every reptile, amphibian and arachnid enjoys live crickets. Crickets are a great staple that are full of natural appeal. Shake a few crickets into your animal's habitat and watch them hunt, chase and happily slurp them up.

- Available in cups or bulk quantities
- Available in 11 sizes
- Crickets are best if store between 70°- 75° F
- Keep crickets away from high humidity, direct sunlight or cold drafts

Storing Crickets

- Remove crickets from shipping container immediately upon receipt.
- Place egg crates from shipping boxes into your cricket storage container—these give crickets an opportunity to climb.
- Crickets should be stored in a dry, very well-ventilated container, like a lidless box or aquarium.
- Crickets ½-inch and larger should be stored in an 18-20-gallon container that's at least 15" tall.
- Ideal cricket containers are slick on the inside, to prevent insects from crawling out.
- Never use any bedding bedding materials
- Do NOT store crickets with the potatoes from the shipping container.
- Crickets shipped during cold weather may arrive dormant; they will revive after 3-4 hours at room temperature.
- Feed crickets with Timberline Cricket Power Food and Easy Water and replace food/water every two days.
- Do not add fruit, vegetables or bowls of water into cricket enclosure, doing so will increase mortality.
- Use hot water and/or a mild bleach solution to thoroughly clean, wash and dry your cricket enclosure between cricket shipments.



Available
in bulk
500 & 1000
counts

Nutritional Analysis*

Protein	16.8%	(min)
Fat	5.6%	(min)
Fiber	3.6%	(min)
Moisture	75.6%	(min)

*Analysis done by independent laboratories

Available in:

**Adult, Prewing, 3/4", 2/3", 1/2", 3/8",
1/4", 3/16", 1/8", 3 Day, Pinhead**

Bulk: 500 & 1000 counts

REPTILE LUNCH BOX

Selling, buying, bagging and caring for live crickets can be complicated. Our Reptile Lunch Box makes it easier with 24 fresh, maintenance-free crickets, boxed up and ready to take home. The box includes a built-in food and water source so crickets are always ready to serve, right out of the box.

- Each box is marked with a “born on date” date; customers have 7+ days of home use after that date.
- Boxes are clear so customers can see inside and check for quality and size.
- Reptile Lunch Box lets you easily add more cricket sizes to your store’s inventory.

Lunch Box available in:

Prewing, 3/4", 2/3", 1/2", 3/8", 1/4"



MEALWORMS

(Tenebrio molitor)



This protein-packed little worm is a tasty meal for reptiles, amphibians, and wild birds. It's also a great live bait for trout and panfish—and the giant variety is easier to get on the hook.

Storing Bulk Mealworms

- Mealworms in cups can be placed directly in the fridge.
- Transfer bulk mealworms into smaller plastic containers.
- If the container has a lid, add several holes for aeration.
- Put 1" of mealworm bedding in the bottom of the container; add mealworms; top with another 1" of bedding.
- Store container in the refrigerator.
- If mealworms are stored in the refrigerator for two weeks, remove from the fridge, add Easy Water to the top of the bedding and keep container at room temperature for 24 hours. Then remove the excess water, return to fridge and repeat the process in two weeks.

Nutritional Analysis*

Protein	20%	(min)
Fat	14.3%	(min)
Fiber	1.8%	(min)
Moisture	61.4%	(min)

*Analysis done by independent laboratories

Available in: 🐛 = **Vita Nutrition**

Giant

🐛 Cup: 35, 50
100 & 500
Bulk: 500, 1000

Non Vita Cup: 35

Large 🐛 & Non Vita

Cup: 50, 100, 500

Small

🐛 Cup: 100, 500

Mini

🐛 Cup: 100

Bulk: 1000,
2000, 3000,
4000, 5000



- Available in cups or bulk quantities
- Available in multiple sizes
- Store in the refrigerator, between 42° - 55° F

SUPERWORM



(*Zophobas morio*)

Superworms wiggle—which makes them irresistible to reptiles and fish! Twice the size of a giant mealworm, superworms have a soft body that is easy for pets to digest.

Storing Superworms

- Superworms in cups can be stored for up to two weeks.
- Transfer bulk superworms into a plastic container about twice the size of a shoebox.
- If the container has a lid, add several holes for aeration.
- Put 2” of mealworm bedding in the bottom of the container, add superworms, top with another 1/2” of bedding.
- Add a small amount of Easy Water every other day to provide moisture for the worms.
- Depending on the quantity of superworms, fresh bedding should be added every 1 – 2 weeks to maintain an adequate food source.
- Fully replace bedding every 3 – 4 weeks.

Nutritional Analysis*

Protein	20%	(min)
Fat	14.3%	(min)
Fiber	1.8%	(min)
Moisture	61.4%	(min)

*Analysis done by independent laboratories

Available in: 🐛 = **Vita Nutrition**

Large 🐛 & Non Vita

Cup: 25, 50

Bulk: (all) 500, 1000

Non Vita Cup: 12

Medium

🐛 Cup: 35, 70

Small

🐛 Cup: 50, 100



- Available in cups or bulk quantities
- Available in multiple sizes
- Ideal temperature range is 70° - 75° F

WAXWORMS



(Galleria mellonella)

For a tempting, tasty treat, there's nothing like a soft, juicy waxworm. These soft-bodied grubs are easy to digest and loved by many fish and reptiles. These white-colored larvae of the greater bee moth are a great way to diversify any pet's diet!

Storing Waxworms

- Keep waxworms refrigerated.
- Most refrigerators are too cold—but the butter tray on the door of the fridge is sometimes the best place to find the ideal temperature.
- If a fridge is colder than 40° F in its warmest area, it's better to store waxworms at room temperature with low humidity.
- Continually remove any dead, black waxworms from the container.
- Waxworms are in a stage of their lifecycle when they no longer consume food and live off their fat supplies, so they will grow smaller the longer you keep them.
- Store waxworms in aspen chip bedding.

Nutritional Analysis*

Protein	15.8% (min)
Fat	20.4% (min)
Fiber	7.6% (min)
Moisture	62.6% (min)

*Analysis done by independent laboratories

Available in:  = **Vita Nutrition**

 & Non Vita Cup: 50 & 250

Bulk: 500 & 1000



- Available in cups or bulk quantities
- Can be stored for 2 -3 weeks at 55° F
- Store in a low-humidity environment

CALCIWORMS®



(*Hermeia illucens*)

CalciWorms® are a great addition to a pet's diet. These feeder insects are similar to waxworms in texture but are naturally high in calcium reducing the need for gut-loading and dusting crickets. CalciWorms® are the only commercially raised feeder insect with an adequate level of calcium.

Nutritional Analysis*

Protein	15.8% (min)
Fat	20.4% (min)
Fiber	7.6% (min)
Moisture	62.6%
Calcium	15.8%
Phosphorus	20.4%
Ca:P	7.6%

*Analysis done by independent laboratories

Available in:

Cup: 25 & 250

(Additional quantities available upon request.)



- Best refrigerated at 42° - 55° F
- Will stay hearty and fresh for weeks
- High in calcium and low in fat



HORNWORMS

(*Manduca sexta*)



The hornworm is the larval (caterpillar) stage of the sphinx moth, *Manduca sexta*. Hornworms are plump and juicy. Tomato hornworms are a good addition to a reptile diet to prevent dehydration. They are also an excellent large prey item for bigger pets.

Nutritional Analysis*

Protein	10%	(min)
Fat	2.4%	(min)
Fiber	2.5%	(min)
Moisture	85%	(min)

*Analysis done by independent laboratories

Available in:

Cup: 4, 12 & 24



- Available in three quantities
- A large hornworm has the mass of approximately 20 crickets
- Sold in 4, 12 & 24 count packages



FLIGHTLESS FRUIT FLY

(*Drosophila melanogaster* & *hydei*)

Fruit fly cultures are an all-you-can-eat food that keeps producing. Our cultures continue to produce flies for up to five weeks, so pets will have plenty of flies. Each culture cup starts with 250+ flies with additional food and surface to produce many more flies faster.

Storing Fruit Flies

- Fruit flies can be stored in the plastic cups or vials they're shipped in.
- For the first several days, keep at least half of the flies in package to allow reproduction.
- To dispense flies, tap the flies to the bottom of the container before removing the lid.
- Store flies at or near room temperature.
- Cool temperatures will limit fly reproduction and warm temperatures may cause bacteria growth.
- Each product lasts about 5 - 6 weeks, during which several generations of flies will be produced.
- The lifecycle of *Drosophila melanogaster* is 12 to 15 days.
- The lifecycle of *Drosophila hydei* is about 25 days.

Nutritional Analysis*

Crude Protein	16%	(min)
Crude Fat	3%	(min)
Crude Fiber	2%	(min)
Moisture	80%	(min)

Available in:

Pinhead (*Drosophila melanogaster*)

1/8" (*Drosophila hydei*)

Vials - *hydei* / *melanogaster*

Culture Cups - *hydei* / *melanogaster*



- Available in two species/sizes
- *Drosophila hydei* are about 1/8" in size
- *Drosophila melanogaster* are the size of a pinhead cricket; perfect for small pets and betta fish

*Analysis done by independent laboratories

PRE-PACKAGED PRODUCTS



Cricket Aid

Cricket Aid is the best feeder insect diet that safely feeds and hydrates insects while maintaining their optimal nutrient levels. Enhanced with vitamins E, A and B12, Cricket Aid is the industry's most advanced feeder insect diet. Cricket Aid should be stored in your refrigerator.



Betta Bugs

Betta Bugs are a flightless, natural live food source for betta fish, livebearers and other carnivorous fish. A package of Betta Bugs will continue to reproduce for several weeks. Betta Bugs are the best choice to replicate what a Betta fish eats in the wild.



Easy Water

Easy Water is a worry-free way to provide feeder insects with fresh, clean water. Crickets and worms require a reliable moisture source and Easy Water helps you avoid the spills, smells and drownings that occur with water dishes or sponges. Easy Water is made of pure water, with no unnecessary additives, and is available in hydrated or dehydrated.



Cricket Power Food

Cricket Power Food is a highly nutritious cricket food for daily nutrition. It's the same food we use here at Timberline to feed our standard nutrition crickets!



Mealworm Bedding

Mealworm Bedding is specially formulated with mealworms and superworms in mind—and it's the same formula we use at Timberline to raise our standard nutrition worms!



Timberline is proud to support the United States Association of Reptile Keepers (USARK). USARK is a science, education and conservation based advocacy group for responsible reptile sales, trading and ownership.

They endorse caging standards, sound husbandry, escape prevention protocols and vital conservation issues. They facilitate cooperation between government agencies, the scientific community and the private sector—to produce policies that address important husbandry and conservation issues. The organization's primary goals are to ensure animal health, public safety and ecological integrity.

For more information about USARK go to www.usark.org.

Clean Farm Standards

For more than a decade, Timberline has instituted policies and practices that improve the quality, consistency and health of our feeder insects. Many insects are susceptible to several species-specific viruses. The seriousness of these diseases was first realized with the near-total destruction of the cricket population of Europe 15 years ago. Since that time, Timberline has incorporated all possible preventative measures, as well as funding institutional research to support insect health.

Our southern Illinois operation is what we call a “closed farm,” meaning that it is entirely self-contained. We produce all insects and products entirely onsite. Historically, cricket virus has spread from producers buying, selling and trading with each other. Our “nothing comes in” policy prevents these catastrophes and keeps pathogens from entering our facility.



ORDERING

timberlinefresh.com
800.423.2248

Quantity prices are available for pet shop orders. Qualified jobbers and distributors may also receive special discounts. A qualified jobber is anyone who actively buys and sells to pet shops. Call our customer service department for a price structure tailored to your business and volume.

Zoos

Working with zoos is one of our specialties. Please contact us for a custom quote, extremely competitive pricing and specialized zoo services.

Days of Shipment

Orders received by 5:00 pm EST are shipped the same day, Monday through Thursday. Saturday delivery is available for an additional fee. Because most of our products are perishable, we strongly urge orders Monday through Thursday. To ensure the health of the product, we reserve the right to restrict shipments to certain days and methods.

72-Hour Health Guarantee

Timberline works very hard to produce extremely healthy feeders, and to harvest and package them in a way that increases the likelihood of a healthy arrival. However, if your feeders experience an issue within 72 hours of their arrival, please contact us so that we may resolve your problem with replacements or a credit.

EDI

To accommodate our large volume customers, Timberline is now capable of receiving EDI purchase orders and generating all EDI documents.

Winter Shipments

Winter weather requires us to ship perishable items in insulated boxes and sometimes use heat packs. There is a small charge per cricket/worm box for winter packaging. To ensure the health of the product, we reserve the right to restrict shipments to certain days and methods. We guarantee shipments between 10°F - 100°F at the destination city.

Standing Orders

Establishing a standing order schedule lets you restock essential items without the need to place frequent orders. Talk to our customer service representatives to find out more and establish a customized schedule.



ASSURANCE FARM **Protecting Feeder Insect Sustainability**

The purpose of the Assurance Farm is to protect the supply of common feeder insects to the whole pet industry. We will be growing colonies of crickets, mealworms, superworms, waxworms, CalciWorms®, hornworms, flightless fruit flies and other future species. When needed, the Assurance Farm will be able to consistently deliver high quality neonates of each species to a farm in need of additional scale or colony replacement.

