

THE OMRI Listed, Approved for Organic Gardening Weed Killer You've Been Waiting For!
Great to use in areas with pets & kids. Dissipates quickly so it doesn't get tracked in the house. Won't hurt groundwater supplies, wildlife or the environment. And smells nice too!

GO GREEN in your garden or yard Today!
avengerorganics.com

Meet My New
Best Friend...
Avenger
Weed Killer.

OMRI
Listed

 **FOR ORGANIC PRODUCTION**



Organics
AVENGER

Know the difference BEFORE
you spray your yard!

Nice to Nature... Not to Pests!™

A Faster Acting, More Effective and Better Product

Cutting Edge Formulations, Inc. (“CEF”) was founded in 2003 to develop, manufacture and market environmentally friendly herbicides and other products. Concerned with the potentially poisonous effects of synthetic herbicides and the non-effectiveness of current “natural” herbicide products, CEF began formulating an herbicide from natural ingredients. These efforts culminated in the development of Avenger Weed Killer.

- Two consumer products (based on d-limonene)
 1. *Ready to Use - RTU (17.5% d-Limonene)*
 2. *Concentrate (70% d-Limonene)*
- Two Ag Products (based on d-limonene)
 1. *GreenMatch Concentrate (50%)(USA)*
 1. *AvengerAG Concentrate (50%)(outside of USA)*

All are approved for use under the USDA National Organics Program

All are OMRI Listed and EPA Registered

All are WSDA approved

Avenger Weed Killer



Avenger Weed Killer is a non-selective, burndown weed killer. Avenger Weed Killer's active ingredient, d-limonene, is found naturally in more than 300 herbs, edible plants and fruits. D-limonene is the primary component of citrus oil. When citrus is squeezed for juice, a layer of oil remains on the top of this juice; that is d-limonene (citrus oil). The rind is then squeezed further to remove any remaining oil. The use of d-limonene (citrus oil) in its natural state has contributed to making Avenger Weed Killer a safe, highly biodegradable, non-selective, post-emergent herbicide with no negative side effects to the earth's soil, water supply, animals, or people.



D-limonene is a strong degreasing agent and is commonly found in many soaps, detergents, commercial cleaners, and shampoos. It's this natural degreasing property that strips away the waxy cuticle of weeds, subsequently dehydrating and killing them.

Our mixture of proprietary ingredients also contributes to activity, such that NAO is comparable in activity to glyphosate and paraquat, both of which are synthetic, non-organic herbicides. In regard to "natural" herbicides currently on the market, such as vinegar (acetic acid), citric acid, clove oil and fatty acids (soap), in trials, NAO showed to be faster acting and more effective.

After spraying weeds with Avenger Weed Killer, dying can be seen within two hours, sometimes faster depending on weather conditions. Larger, more mature weeds may need a second application. In areas which will be replanted, replanting can take place in approximately four hours after application.

Avenger Weed Killer is recommended for the control of unwanted broadleaf and grassy weeds around buildings, fences and driveways, around landscaped areas, golf courses, school play fields, municipal, state and federal parks and recreation areas, patios, sidewalks and bike/hike trails, kennels, dog runs, and other animal enclosures.



And since Avenger Weed Killer is made with citrus oil, the fresh scent of citrus fills the air instead of those nasty smelling chemicals.

Avenger, the weed killer that's Nice to Nature... Not to Weeds!



Avenger Weed Killer

Avenger® Weed Killer... the only herbicide that's
Nice to Nature... Not to Weeds!™



- Fast-acting - Visible results in 2 hours or less!
- As effective as synthetic herbicides
- Highly biodegradable
- OMRI Listed
- 2008 GREEN THUMB AWARD WINNER
- Approved for Use in Organic Production and Organic Gardening by the USDA National Organics Program
- EPA Registered
- Made with Natural Citrus Oil which is found naturally in fruits, herbs and other edible plants.
- Works in cool and cloudy conditions (as low as 40° F)
- Emulsion technology lets you see where you've sprayed.
- Sprayed areas can be planted within hours
- Pre-mixed, pre-measured, easy to use spray bottle available
- Mix your own with our 32oz. or 1 gal concentrates.
- GRAS (GRAS=Generally Recognized As Safe)
- Natural Fresh Citrus Aroma

Small annual weeds: for control of annual weeds less than 6 inches tall, a 1:7 ratio of Avenger Weed Killer to water; dilute 1 part of Avenger Weed Killer in 7 parts of water.

Larger annual and most perennial weeds: for annual weeds above 6 inches, use a 1:5 ratio of Avenger Weed Killer to water; dilute 1 part of Avenger Weed Killer in 5 parts of water.

Hard to control weeds: for harder to control weeds (for example, weeds with a thick cuticle such as ivy and hard to control perennials), use a 1:3 ratio of Avenger Weed

The Active Ingredient: Citrus Oil (D-Limonene)

- Limonene occurs naturally in citrus and more than 300 other fruits, vegetables, herbs and spices
- US FDA classifies limonene as **GRAS** (Generally Recognized As Safe), essentially no measurable toxicity
- EPA says limonene is “*practically non-toxic to birds, fish and mammals*” and is *highly biodegradable*.
- When juice is squeezed out of oranges, an oily film remains on top, that oil is primarily limonene
- Limonene is commonly used in soaps, foods, lotions, mouthwash and perfumes. **Excellent degreasing agent.**

THE ECONOMICS OF AVENGER WEED KILLER

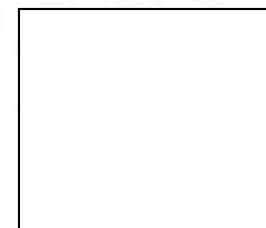
Formulated entirely from natural ingredients, Avenger, like other natural and organic products on the market, costs a bit more to produce. But, with our extensive research we have developed a formula which is highly effective even when highly diluted. In essence, with Avenger our customers get more “bang for the buck”.

Other natural weed killers on the market dilute their concentrates down **3:1**.

Compared to these other alternatives, Avenger concentrate **dilutes down 7:1**. On a usage bases, this makes Nature’s Avenger more economical than the other natural weed killers.

This dilution rate allows Avenger to be cost competitive with synthetic weed killers as well.

Additionally, Cutting Edge has focused and dominated in the “Organic AG” Market for the last several years and NOW with the assistance of Green Advantage Organics is pursuing all Consumer Markets with great results!



Cutting Edge Formualtion's Capabilities

In October 2008, Cutting Edge Formulations moved operations to a newly built 20,000 square foot facility, complete with state-of-the art mixing, filling and bottling equipment.

This move has allowed us to expand our research to continue our quest to provide additional environmentally friendly and organic products, as well as unique solutions for both the consumer and ag markets. Our other products include:

- Avenger Organics Bed Bug Killer
- Avenger Organics Bug / Insect Killer
- Avenger Organics Organic Kelp Liquid Fertilizer
- Avenger Organics 2-3-1 Liquid Fish Fertilizer
- Avenger Organics 4-2-3 Organic Granular Fertilizer

Also, several cutting edge products coming down the pike include an ant killer, selective weed killer and more.



**Avenger Weed Killer
RTU Quick Results - Dandelion
Buford, GA (time after application)**



Pre-Spray



1 Hour

**FREQUENTLY ASKED QUESTIONS
ABOUT
AVENGER WEED KILLER**



FAQ's

Does it have to be hot or sunny for Avenger Weed Killer to work?

No! Whereas the “natural” acetic acid or soap products require warmth and sun, Avenger Weed Killer will work under cool (down to 40°F) and overcast conditions.

How does it compare with Roundup®?

Roundup® is made with synthetic chemicals. Avenger Weed Killer is not. Roundup typically takes 7 to 14 days to get a response; Avenger Weed Killer acts much faster.

How does Avenger compare to other “natural” herbicides?

Acetic Acid: (acetic acid is vinegar) Used as a post-emergent herbicide. It is applied AFTER weed seedlings emerge. Natural vinegar contains only 6-8% acetic acid. New products (for example, Burnout II) are coming out with a much more concentrated acetic acid (as high as 30%). These high concentrations can not be naturally obtained; they are produced via a cheap, chemical process. Since these products are made with synthetic acetic acid they cannot be “organic.” Because these formulas contain such highly concentrated acid, it can be dangerous to an unformed consumer. A company’s MSDS on acetic acid reads as follows:

“Health Hazards: Contains acetic acid and is flammable and extremely corrosive. Contact with this product will result in severe eye irritation and possible permanent damage. Contact with this product will cause severe skin irritation and/or chemical burns. Breathing vapors will cause significant respiratory irritation, and pulmonary edema if prolonged. Ingestion of this product could cause burns and destroy tissue in the mouth, throat, and digestive tract.”

Also, acetic acid products tend to have a strong, rancid odor. Avenger has a fresh citrus aroma. Michigan State conducted side by side trials with acetic acid herbicides and Avenger, with Avenger clearly being the superior herbicide.

Does Avenger kill the roots?

It depends on the depth of root system. Avenger works by dissolving the weed's leaf cuticle which in turn dries the plant and kills it. If the weed has a shallow root system such as annual weeds, killing the tops can kill the roots. If the weed (for example, a perennial weed like a dandelion) has a deep tap root removing the top growth will not immediately kill the root. Additional applications may be necessary. Since all the plant's energy comes from the sun, eventually the root will die. In any case, whenever possible spray weeds when they are small.

Treated & Untreated Crabgrass 4 weeks after treatment



**Avenger Weed Killer
MSDS Comparisons
And
Product Comparisons**

Product MSDS Comparisons

	Paraquat ¹	Glyphosate ²	Burnout II Herbicide ³	Nature's Avenger Organic Herbicide
Synthesis:	Synthetic	Synthetic	Synthetic (concentrated acetic acid)	Natural & Organic
Product Efficacy:	Excellent	Excellent	Fair to Good	Excellent
EPA registration:	Yes -- signal word: DANGER-POISON	Yes -- signal word: CAUTION	No -- signal word: DANGER	Yes -- signal word: CAUTION
Toxicity parameters:				
• Oral toxicity	Oral LD50: ranges from 20 to 70 mg/kg	Oral LD: > 5000 mg/kg	N/A: "Can cause burns and destroy tissue in the mouth, throat, and digestive tract."	Oral LD: > 5000 mg/kg
• Skin irritation potential	"may cause skin burns, dermatitis, and damage to fingernails"	Not irritating	"Will cause severe skin irritation and/or chemical burns."	Low to moderate potential for skin irritation
• Eye irritation	"can irritate, burn, and cause corneal damage and scarring of the eyes"	Limited irritation	"Contact will result in severe eye irritation and possible permanent damage."	Limited irritation
• Long-term Health and Chronic Effects	No evidence of carcinogenicity, teratogenicity, or reproductive effects. Lung problems in humans and dogs.	No evidence of carcinogenicity, teratogenicity, or reproductive effects.	Data not available	No evidence of carcinogenicity, teratogenicity, or reproductive effects.
Environmental Fate:				
• Soil half-life (aerobic)	Persistent t _{1/2} ~ 16 months	Moderately persistent t _{1/2} ~ 47 days	Data not available	Rapid volatilization from dry and moist soils. Atmospheric t _{1/2} ~ 2 hrs.

1 Extension Toxicology Network: Pesticide Information Profile <http://pmep.cce.cornell.edu/profiles/extoxnet/>

2 Extension Toxicology Network: Pesticide Information Profile <http://pmep.cce.cornell.edu/profiles/extoxnet/>

3 St. Gabriel, Labs (manufacturer) Material Safety Data Sheet <http://www.hicomet.com/lawn/burnout.html>

Product General Comparisons

	NATURE'S AVENGER ORGANIC WEED KILLER	Other "Natural" Herbicides (Vinegars, acetic acids, etc.)	"Food Grade" Vinegar Herbicides	Synthetic/Chemical Herbicides (glyphosates)
EPA Registered	YES EPA reg. number on our label. NAO is regulated by the EPA on our label, our claims and our website. We can make no claims without proper documentation supporting our claim.	NO Known as a 25b product. Not regulated by EPA and can make any claim they want. Ingredients must come from the 25b list but can be synthetically altered	NO Known as a 25b product. Not regulated by EPA and can make any claim they want. Ingredients must come from the 25b list but can be synthetically altered	YES
OMRI Listed	YES	NO	NO	NO
USDA NOP Approved for Use in Organic Production and Organic Gardening	YES	NO	NO	NO
Award winner	YES MGA 2008 Green Thumb Award	NO	NO	NO
Fast Acting	YES Visible results seen in 2 hrs or under	NO 4-24 hours	NO 4-24 hours	NO 7-10 days
Effective: Proven and Tested	YES numerous university and professional trials both in US and internationally	Varies	Varies	YES
Non-Toxic: Safe to use around people, pets, wildlife, environment, ground water supplies	YES mild irritant, dissipates quickly, no harm people, animals or the environment	NO Highly corrosive, dangerous for eyes, nose and throat - see MSD sheet	NO EXTREMELY corrosive, dangerous for eyes, nose and throat (can cause blindness)- see MSD sheet	NO stay off lawn time, skull and cross bones posting required
Pleasant Scent	YES Natural Fresh Citrus Aroma	NO chemical and clove smells	NO chemical and clove smells	NO chemical smell

Michigan State University

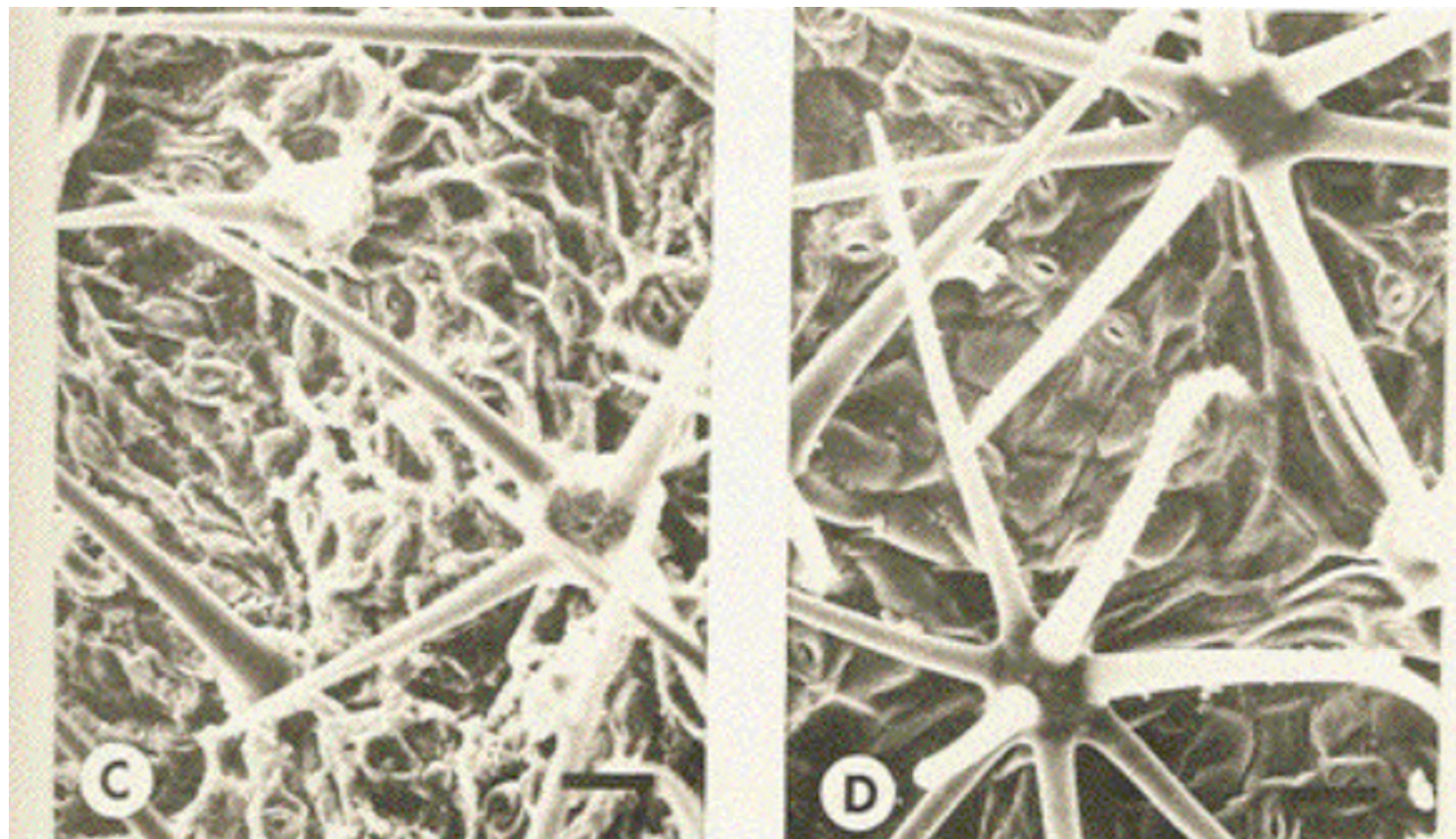
Dr. Donald Penner

“Avenger RTU Herbicide is the best organic herbicide I’ve ever tested.”

Dr. Donald Penner, Professor of Crop & Soil Sciences,
Michigan State University

Degreasing Properties:

Scanning Electron Micrograph (MSU)
8-wk old Velvetleaf Plant Leaf Surface



10% Limonene

Distilled Water

Avenger Weed Killer Field Research Results

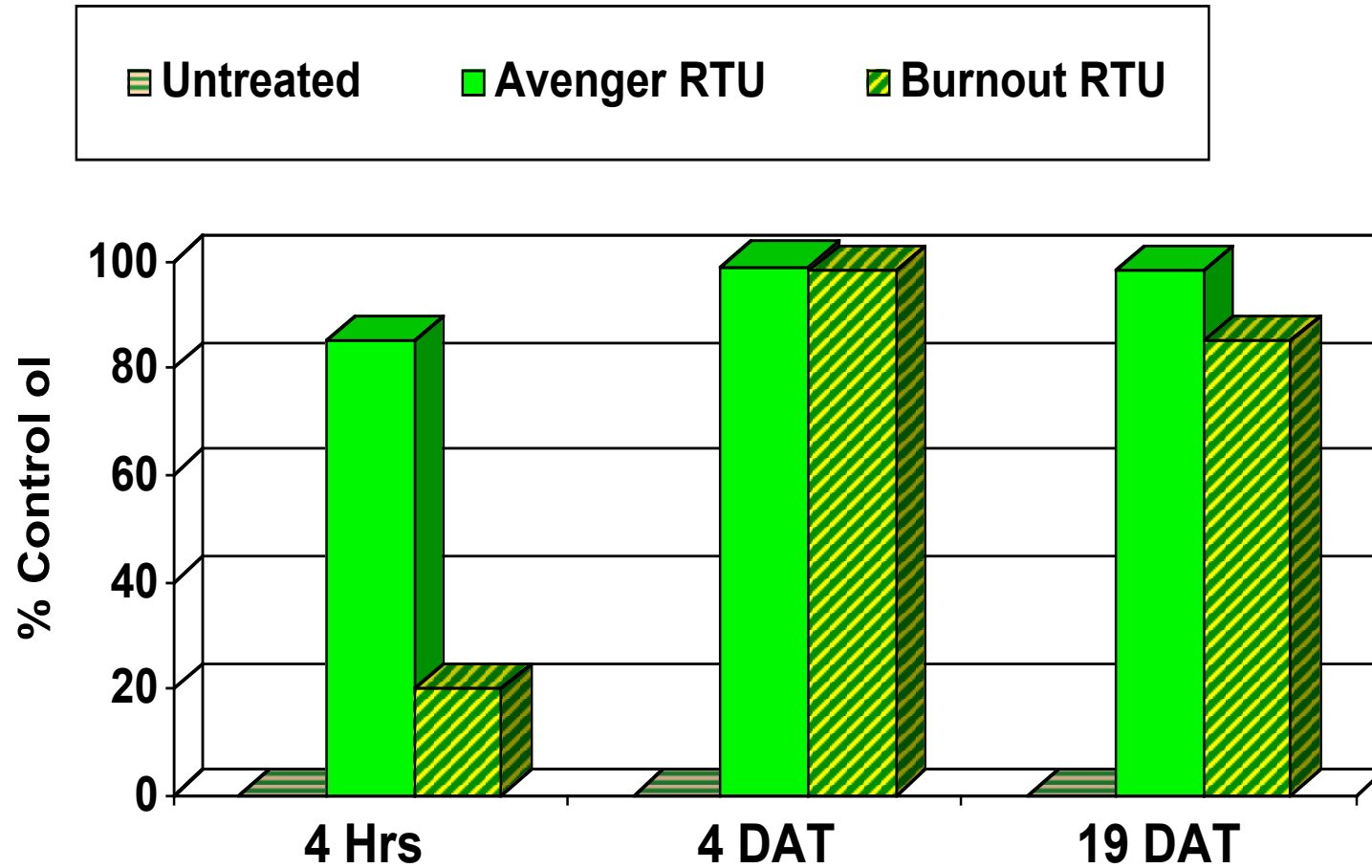
North Carolina State

Dr. Fred Yelverton

“Avenger provided more complete control ...than Burnout.”

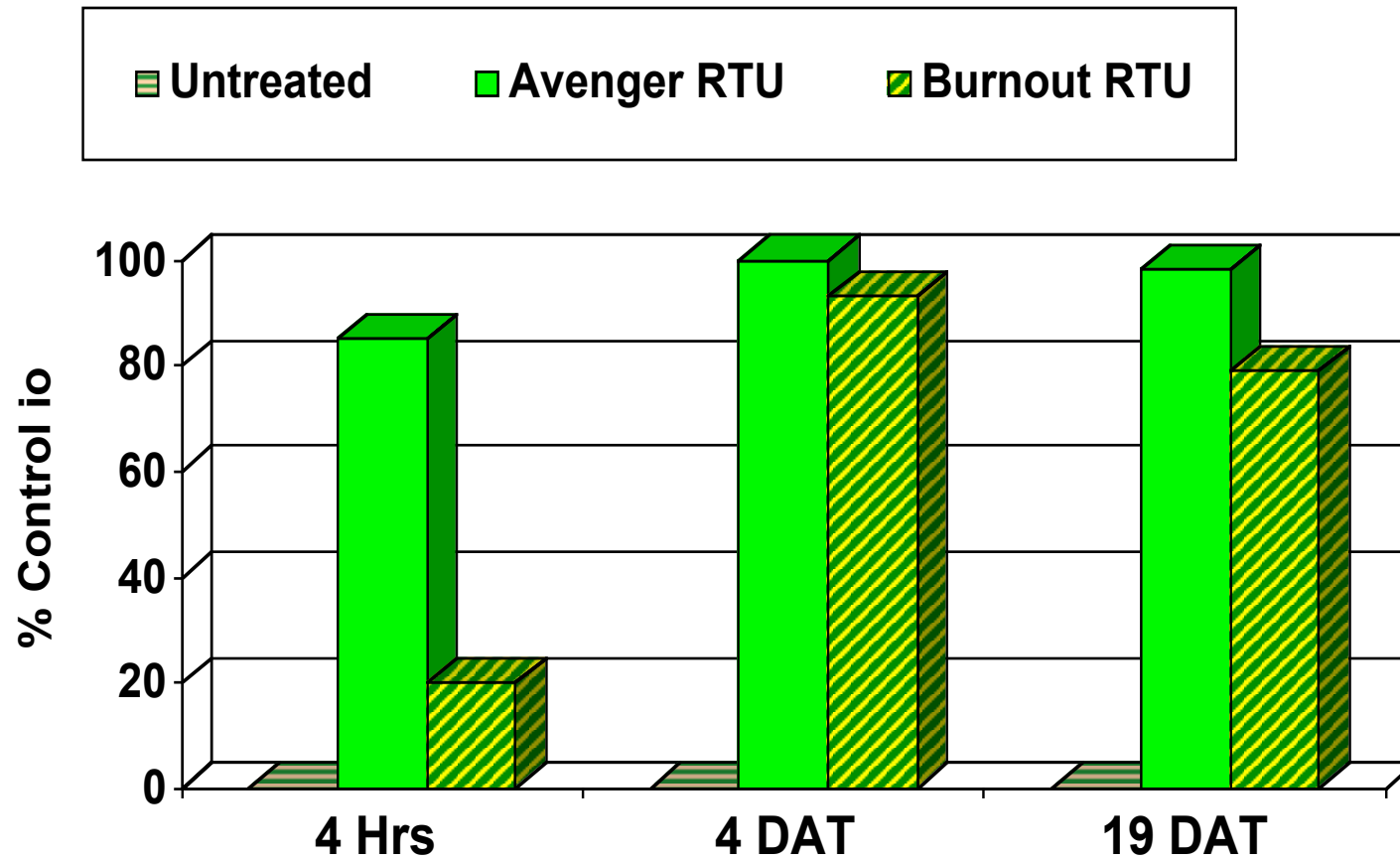
Dr. Fred Yelverton, North Carolina State

Henbit (*Lamium amplexicaule*)
North Carolina State University (F. Yelverton)



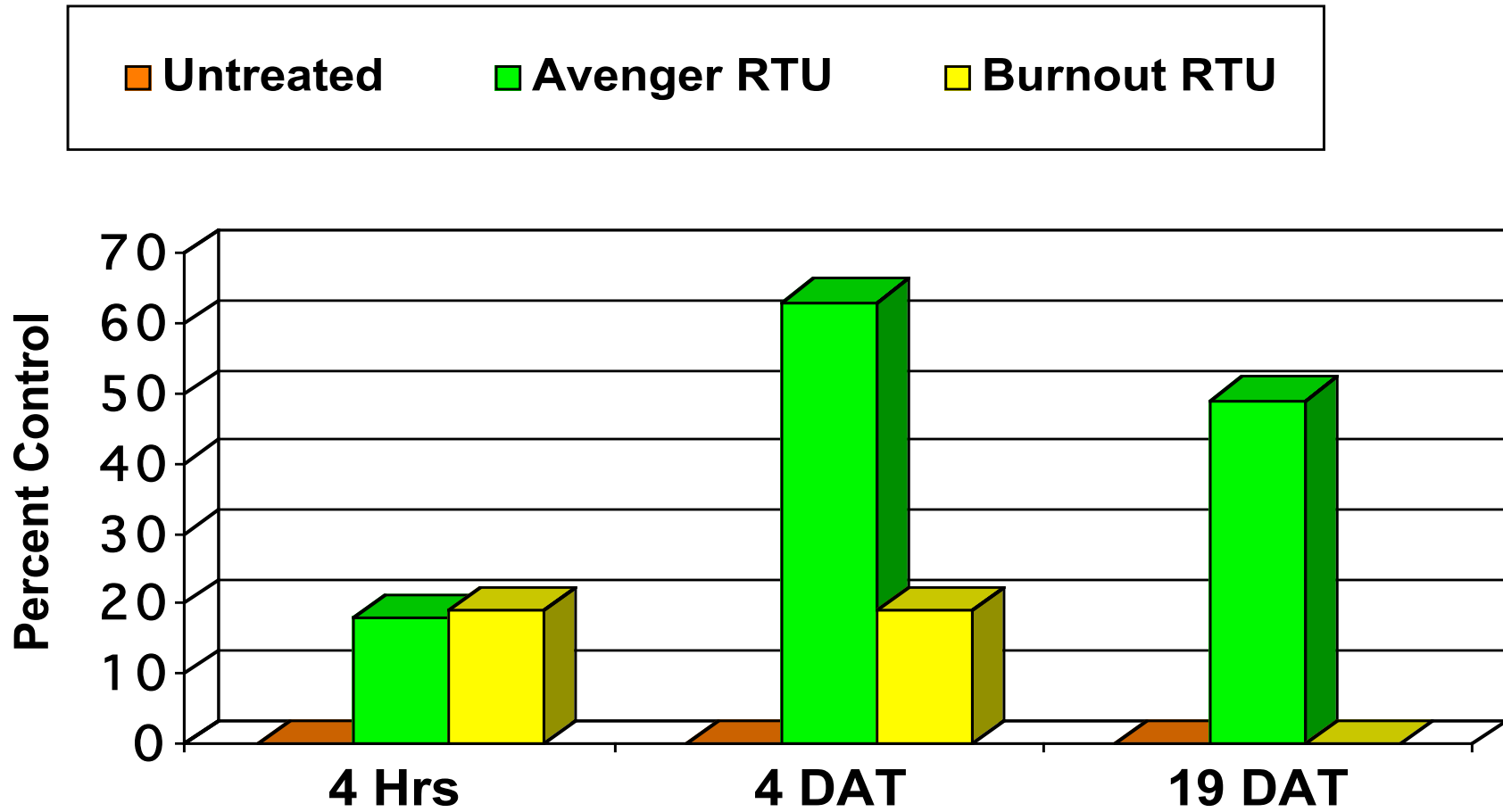
DAT = Days After Treatment
100% Control = weed death
November, 2006

Carolina geranium (*G. carolinianum*)
North Carolina State University (F. Yelverton)



DAT = Days After Treatment
100% Control = weed death
November, 2006

Hairy vetch (*Vicia villosa*)
North Carolina State University (F. Yelverton)



162 GPA
Clinton, North Carolina
November, 2006
20

Avenger Weed Killer Field Research Results

Florida Field Trials

RTU vs. Roundup

Dr. Robert Johnson, Ag consulting, Inc.

Locations: Lake Jem and Zellwood, FL

*“Avenger RTU was fast acting and effective
in controlling the weeds.”*

“It was faster acting than Roundup...”

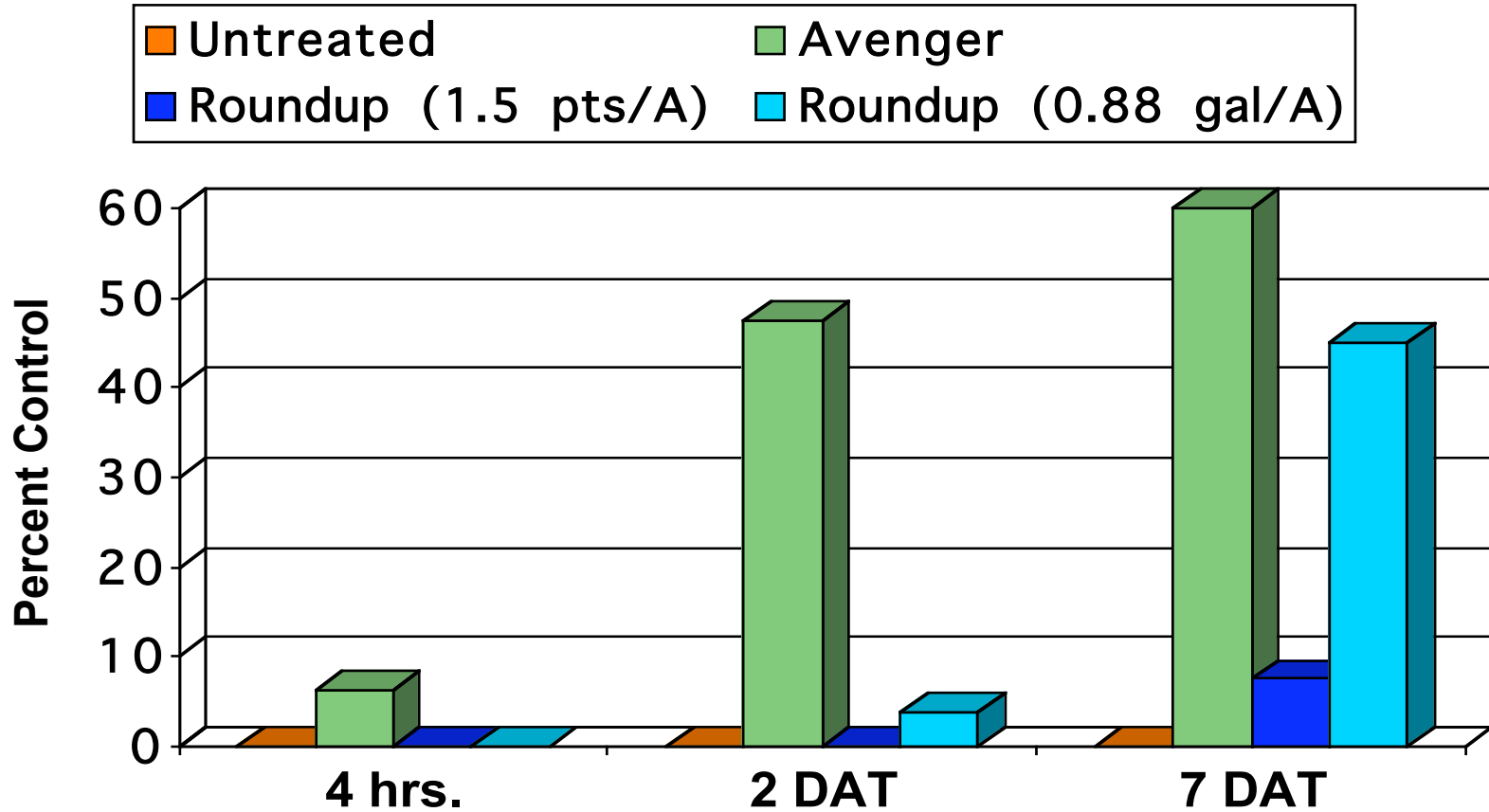
*“And more effective than Roundup at 1.5 pts per acre and [equal to]
or more effective than Roundup at 0.75 ounces per gallon*

Trial Protocol

- 4 reps per treatment. Each plot is 8 ft. X 20 ft.
- Equivalent of 150 gallons/acre applied (most companies assume homeowners spray 200 GPA)
- 2 rates of Roundup were used:
 1. 1.5 pts/A (agricultural rate)
 2. 0.88 gal/A (homeowner rate)
- CO₂ back pack sprayer with single wand to mimic homeowner and professional/landscaper spray
- Statistical analyses are available

Note: DAT = Days After Treatment

Yellow Nutsedge Control (*Cyperus esculentus*)

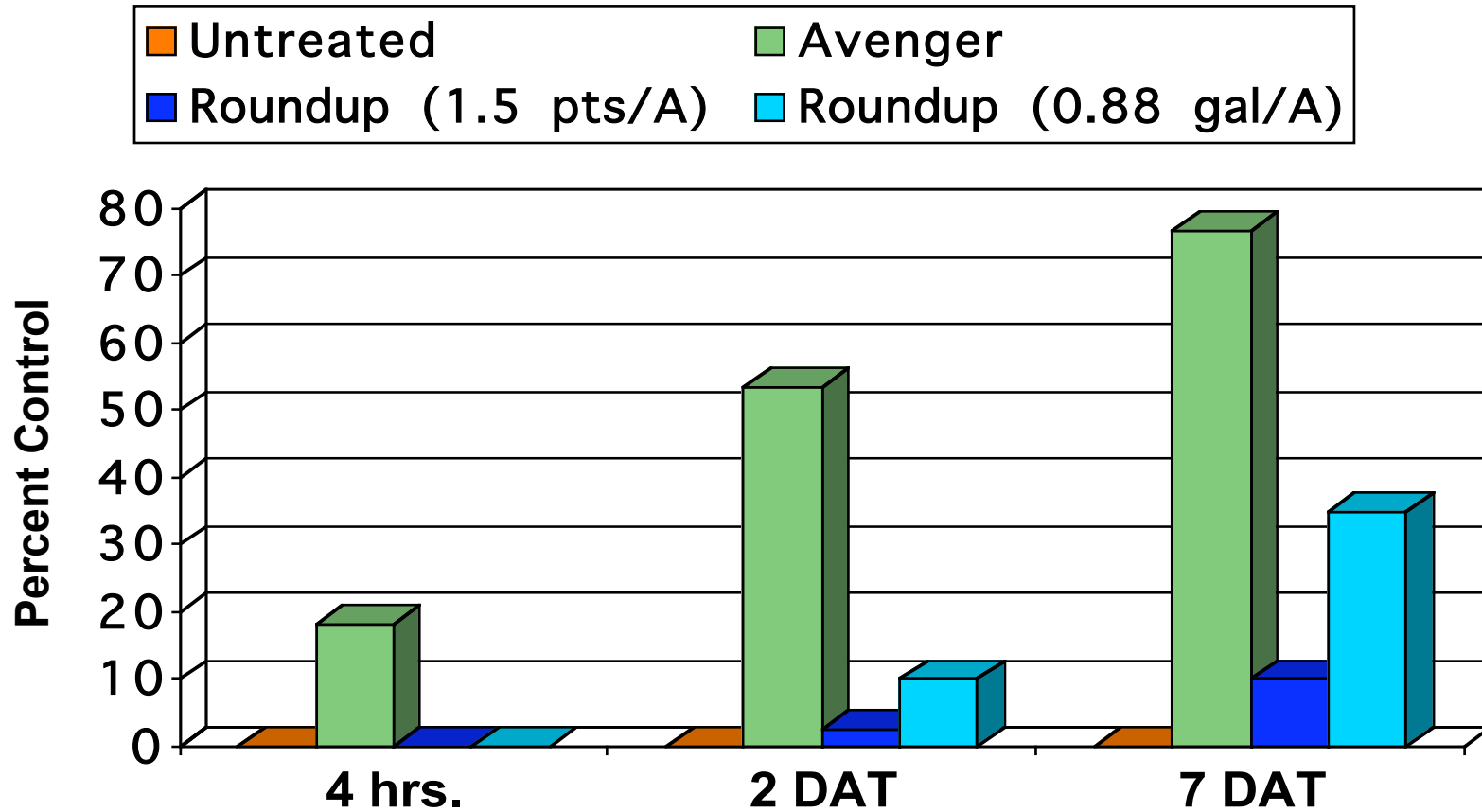


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Hemp Sesbania Control (*Sesbania exaltata*)

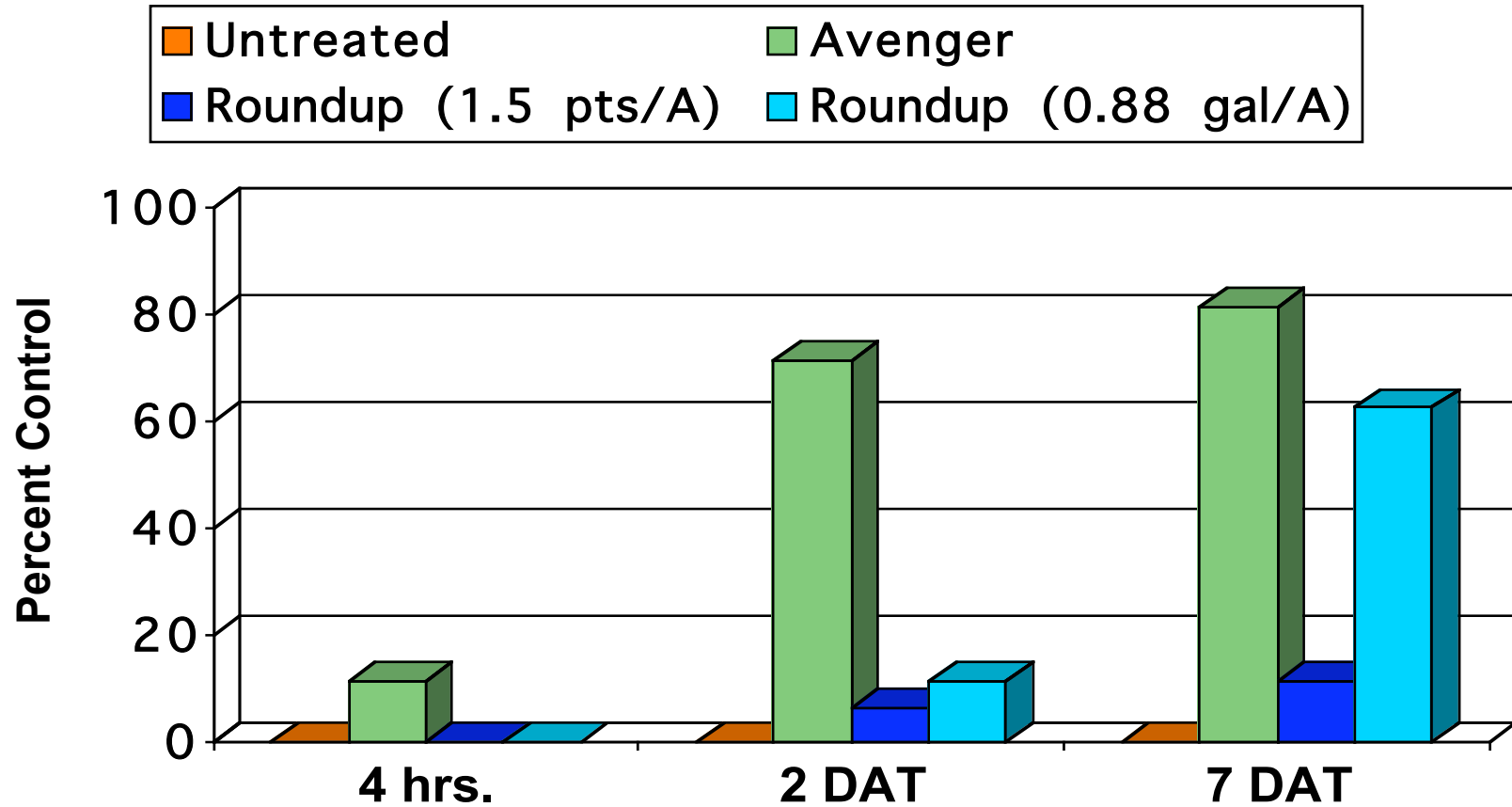


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Goosegrass Control (*Eleusine indica*)

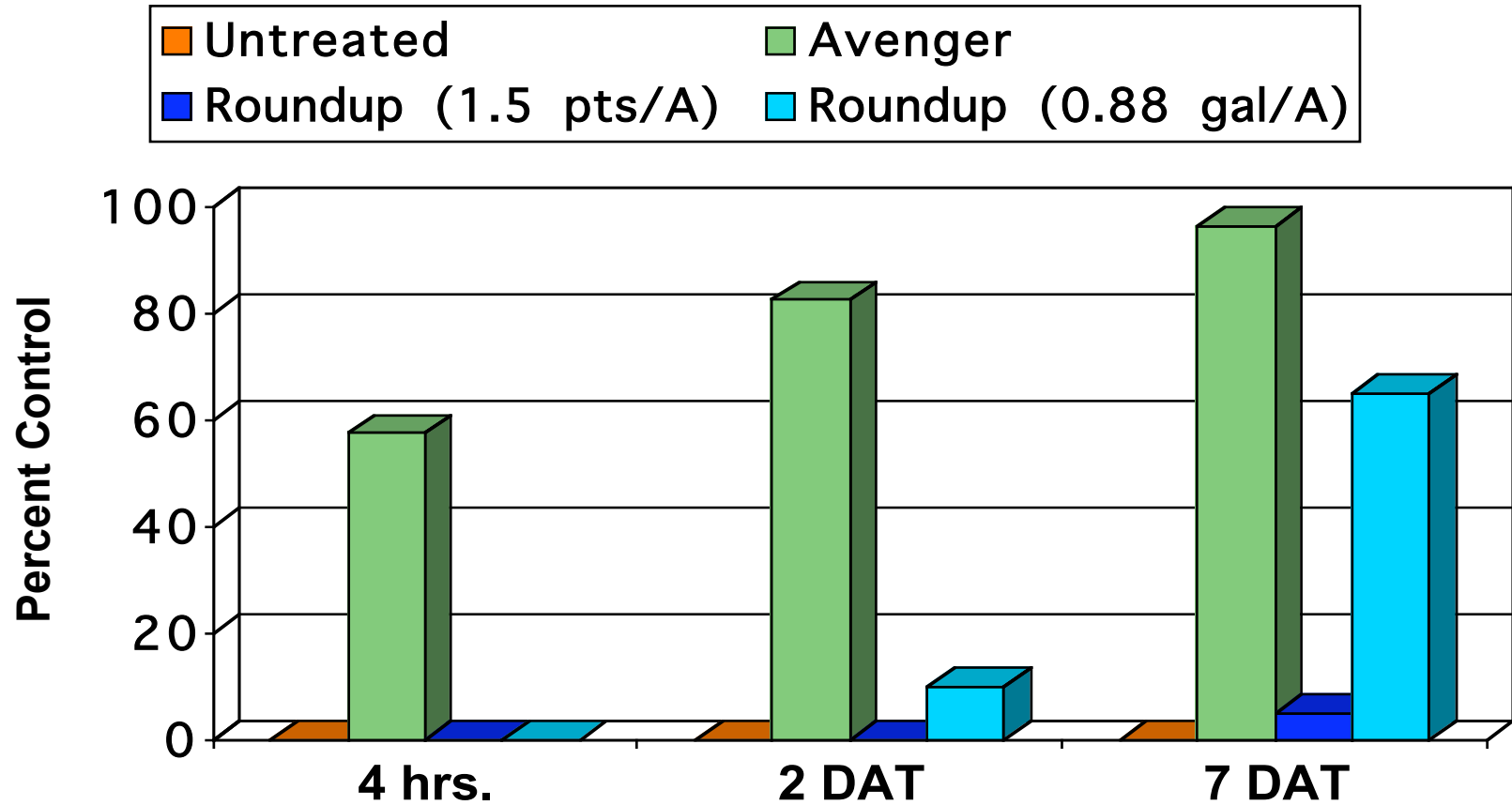


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Purslane speedwell Control (*Veronica peregrina*)

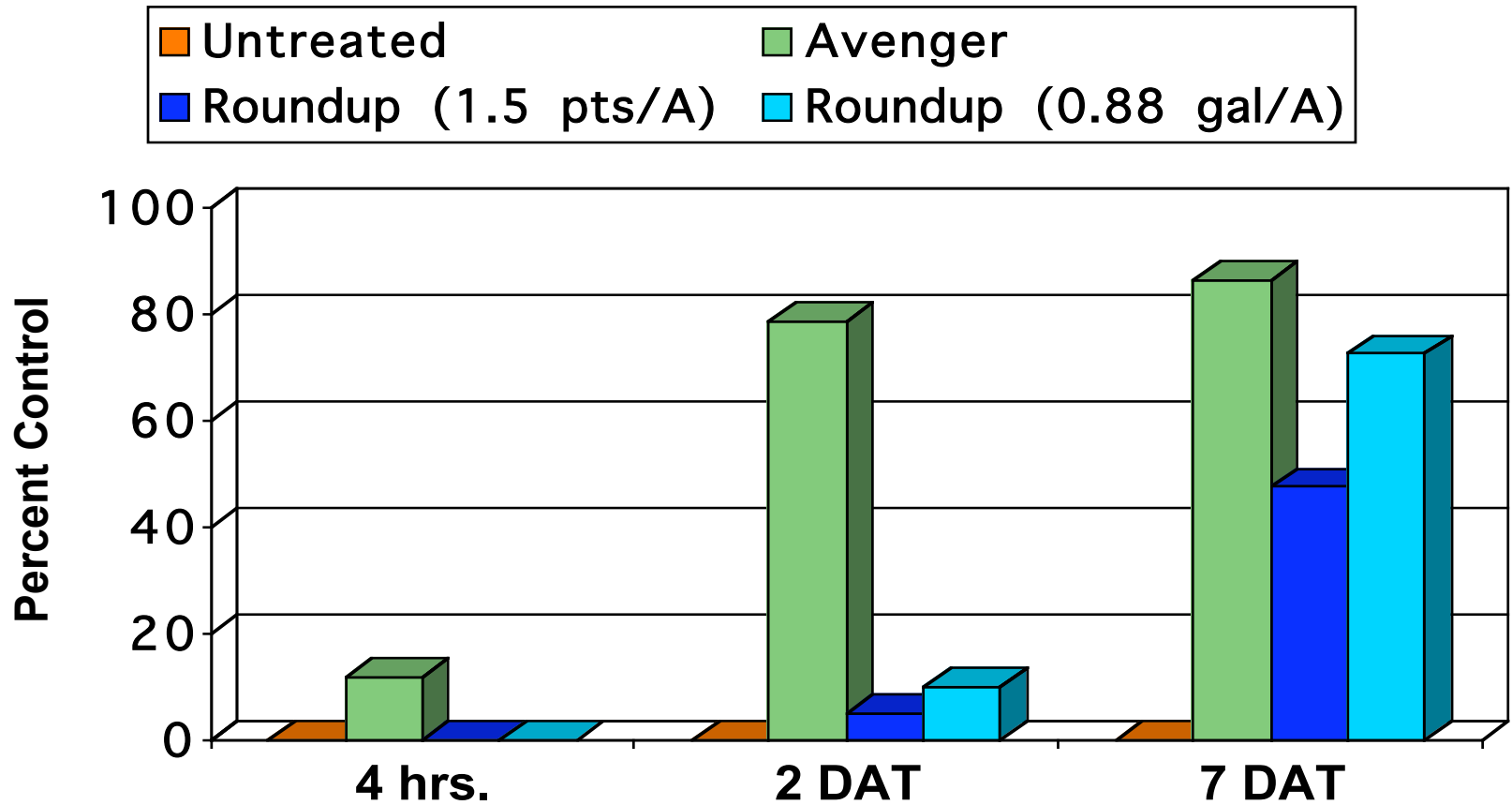


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Crabgrass Control (*Digitaria spp.*)

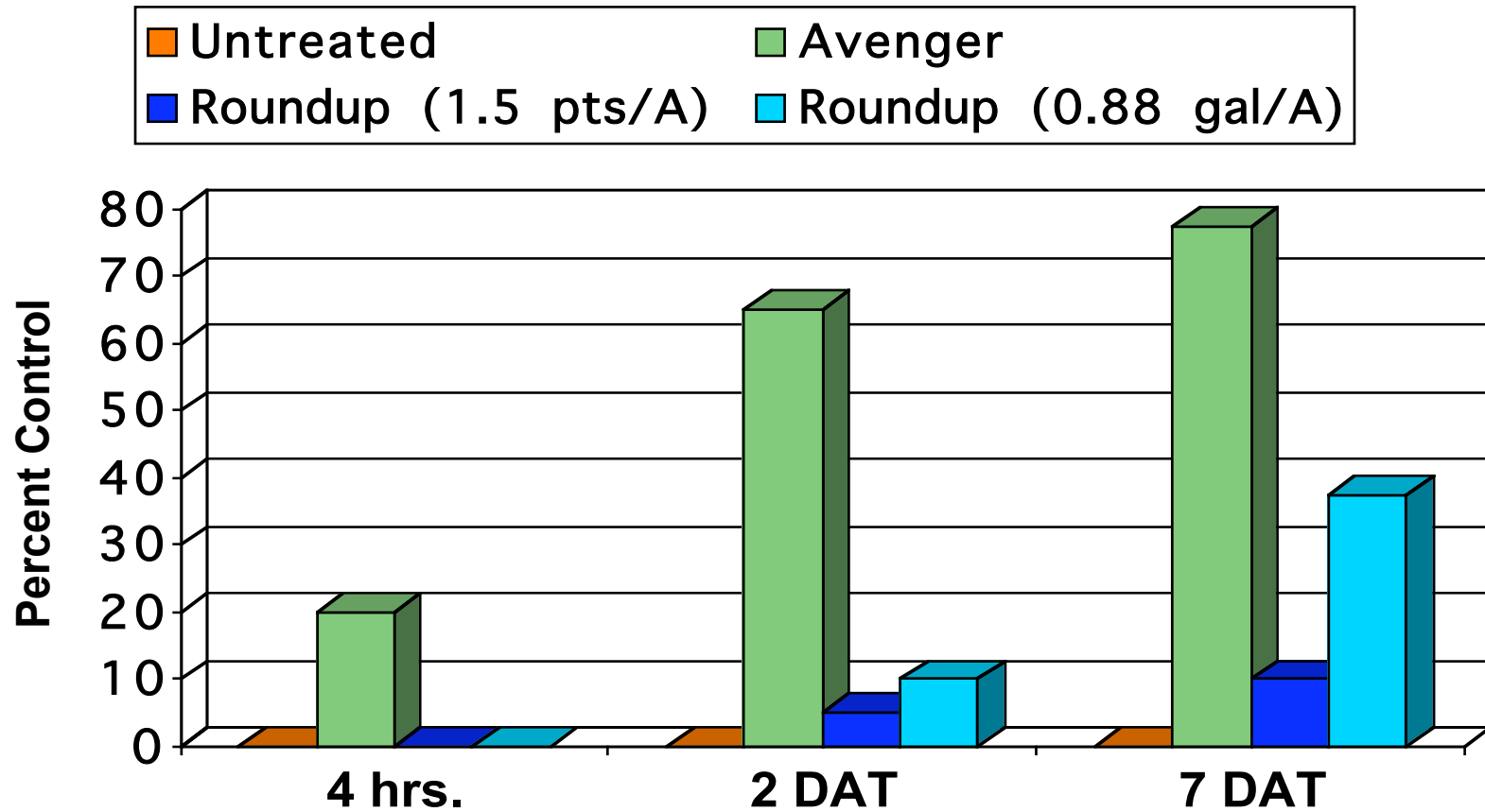


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Smartweed Control (*Polygonum spp.*)

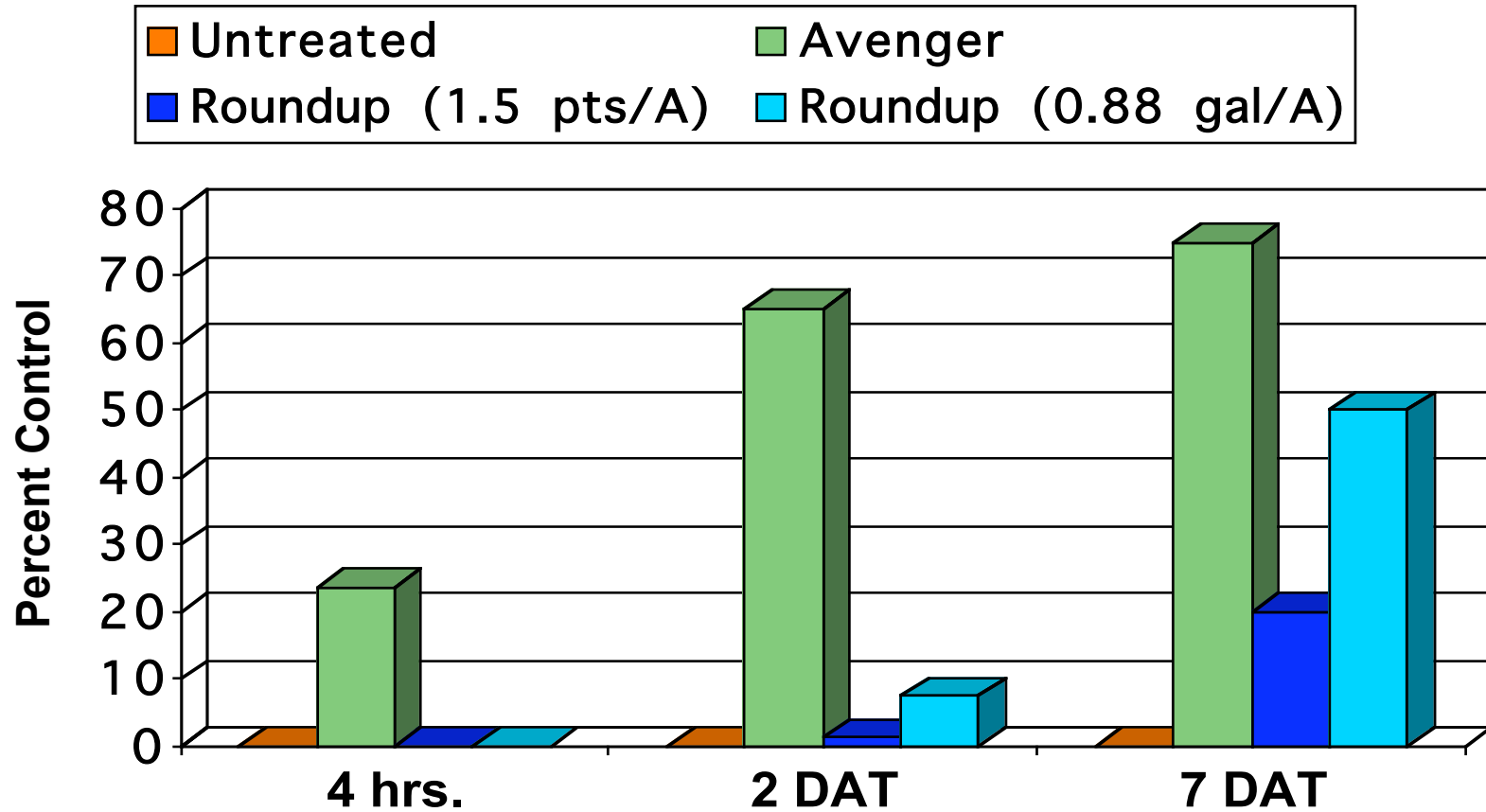


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Knotweed Control (*Mullugo spp.*)

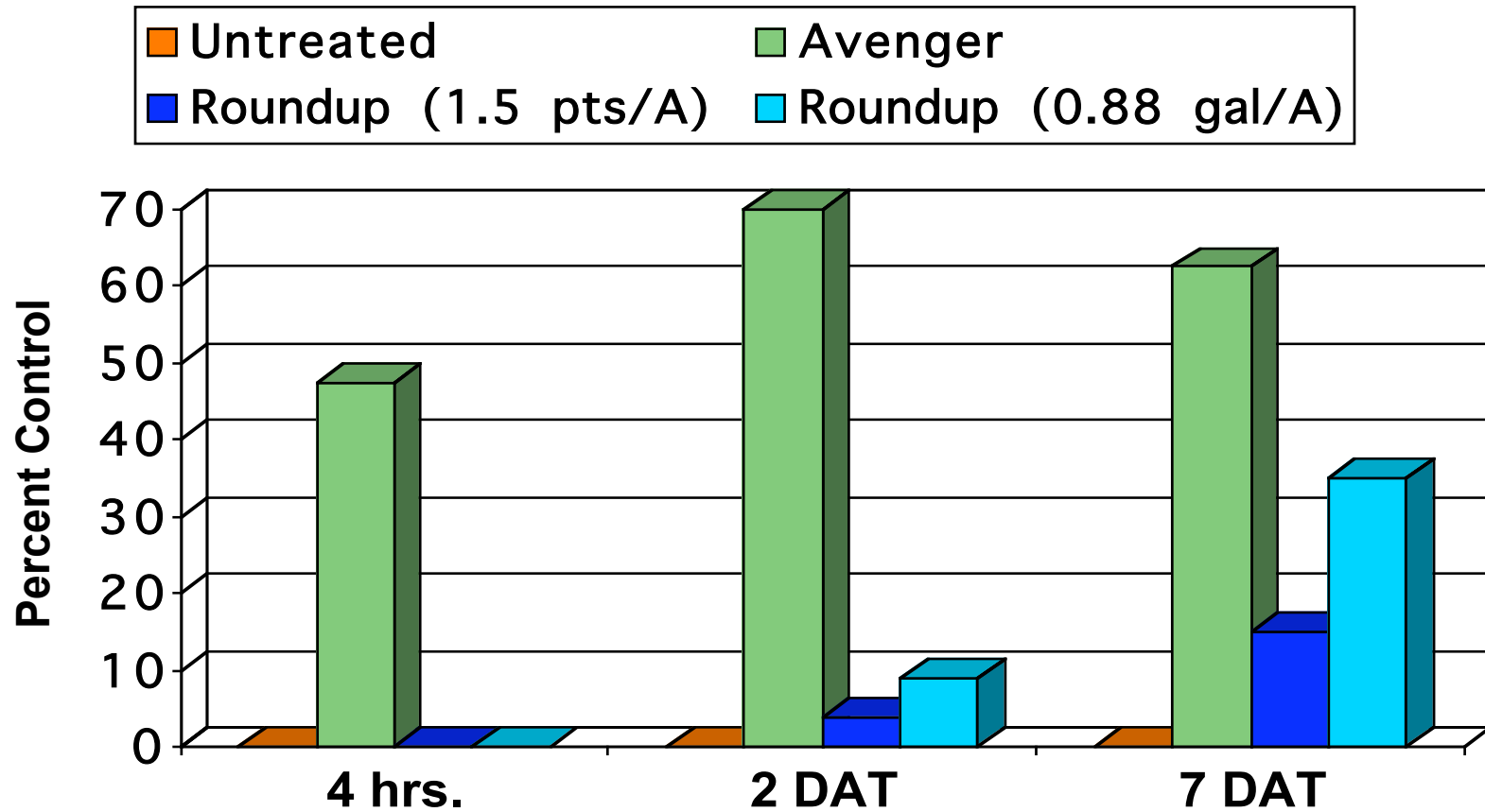


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Lake Jem, FL

August, 2005

Morning glory Control (*Ipomoea spp.*)

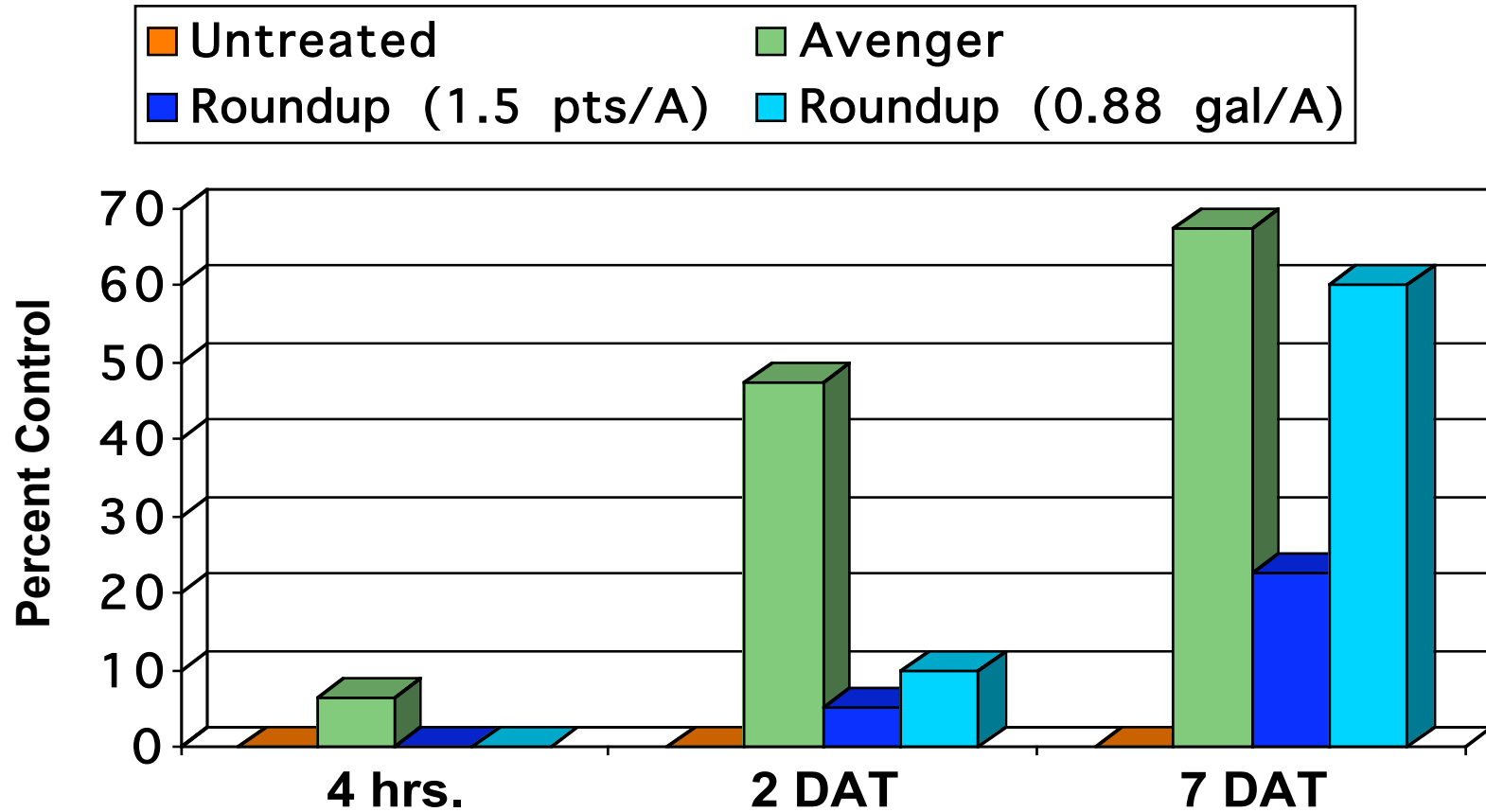


Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Zellwood, FL

August, 2005

Florida pusley Control (*Ricardia scabra*)



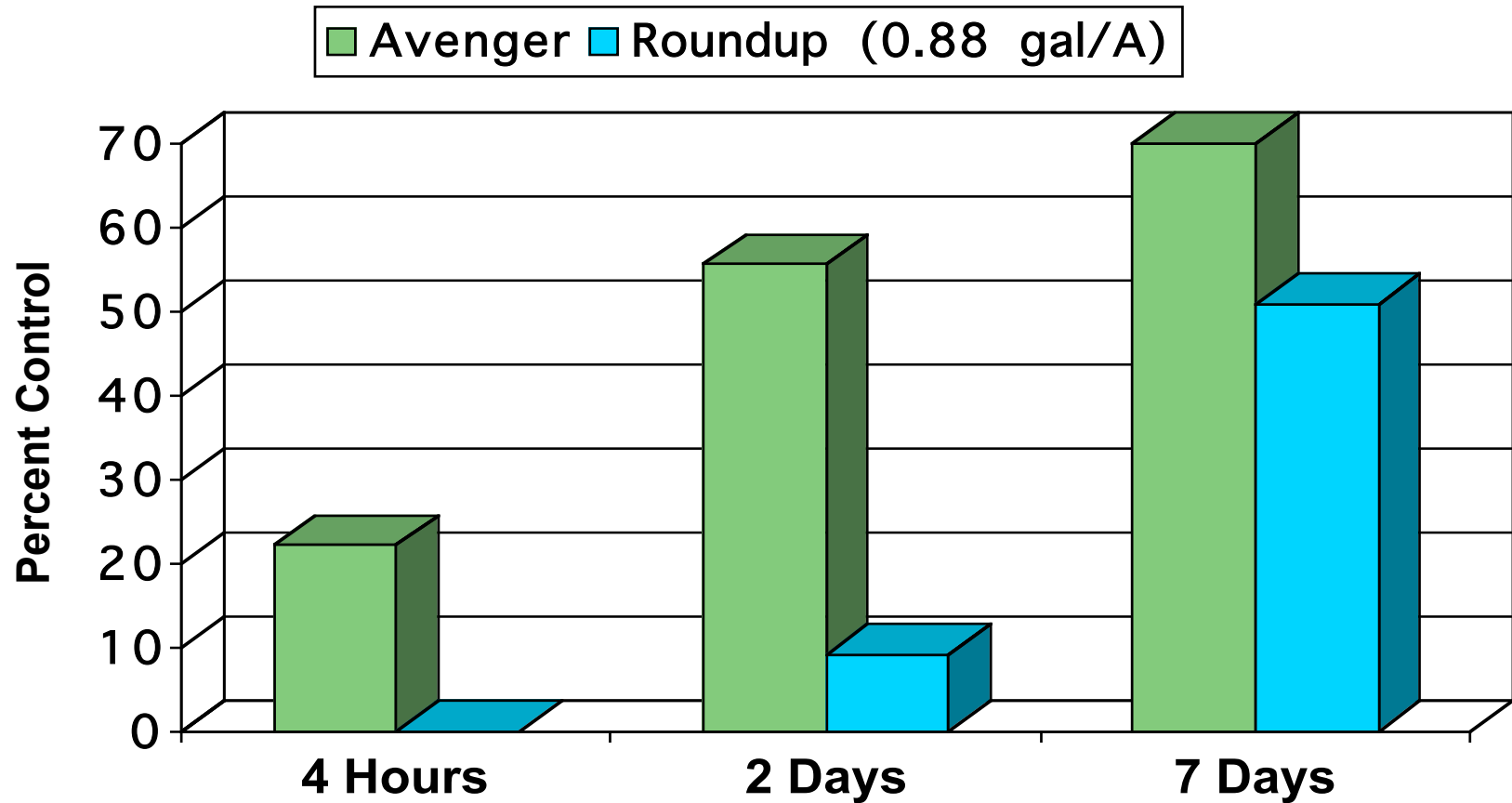
Equivalent of 150 gallons/acre sprayed for all 3 products.

Dr. R. Johnson, Ag Consulting, Zellwood, FL

August, 2005

Grass Control: Average of 6 Trials

(goosegrass, yellow nutsedge, crabgrass, bahiagrass)



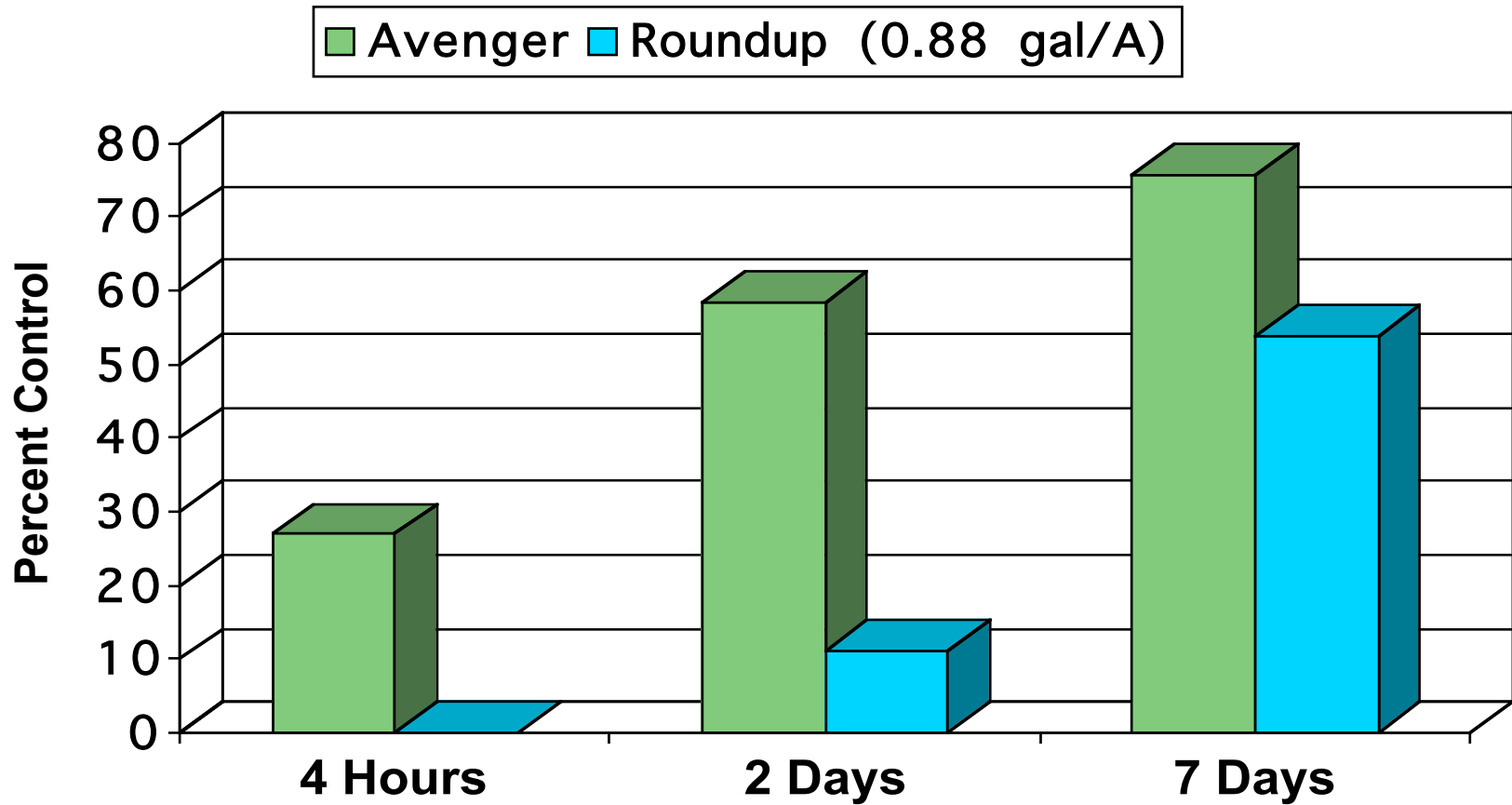
Equivalent of 150 gallons/acre sprayed for both products.

Dr. R. Johnson, Ag Consulting, FL

August, 2005

Broadleaf Control: Average of 8 Trials

(morning glory, sandbur, F. pusley, beggerticks, sesbania, purslane, smartweed, knotweed)



Equivalent of 150 gallons/acre sprayed for both products.

Dr. R. Johnson, Ag Consulting, FL

August, 2005

Organic Kelp Liquid Fertilizer

Avenger Organic Kelp Liquid Fertilizer is a proven highly effective organic fertilizer that increases vegetation growth, flowering, root growth and tolerances (shade, drought, pH). Our Kelp fertilizer encourages strong, healthy growing attractive lawns, flowers, shrubs/hedges and trees. Cost vs. results is highly economical. The use of organic products outdoors improves soil based fertilizer utilization and reduces the need for plant protection chemicals. Great for municipalities, Turf farms, Golf Courses and Parks.

- Creates a stronger cell wall in the plant making the plant more hardy
- Consists of concentrated cytoplasm from crisp-fresh Ecklonia maxima kelp.
- An organic bio-stimulant that allows roots to grow therefore is creating a healthier plant.
- Increases root strength.
- Increases stress resistance.
- Helps prevent damage from disease, fungus, heat and physical stresses in the environment.
- Non-toxic natural product from the edible species of brown kelp seaweed.
- Renewable organic product that is responsibly harvested
- Increase crop yields in fruits and vegetables
- 100% biodegradable
- Three year shelf life
- Contains a wide variety of minerals, vitamins and amino acids
- A safe natural "hormonal" product as nature intended
- Contains minerals and trace elements that all plants need
- Safe around children, animals, and insects
- Less watering required
- More colorful plants and greener, healthier lawns and plants

Turf: apply at 1qt/acre or .75 oz/1000sq.ft... Repeat every 3 to 4 weeks during the growing season or spray 2 to 3 times during growing season.

Vegetables: Spray 1 to 2 weeks after transplanting or after emergence of plant. Apply at 1qt/acre or .75 oz/1000sq.ft.. Repeat every 2 to 4 weeks during the growing season. Spray 2 to 3 times.

Hydroponics: use 3/4 teaspoon per gallon nutrient solution

Foliar spray: use 1-1/2 teaspoon per gallon water

Soil: - use 1 tablespoon per gallon

Hose end Sprayer Quart Bottle: 1 Qt covers 5000 sq.ft Note: Hose end sprayer will require mixing 3.75 ounces of kelp solution used in the concentrate and then add 28.25 ounces of water to make a RTU quart.



Avenger Organics 2-3-1 Liquid Fish Fertilizer



All purpose natural fertilizer for lawns, gardens, trees, shrubs, fruits, vegetables and more. Made from fresh trout with no chemical additives the Avenger 2-3-1 Liquid Fish Fertilizer is an all natural highly nutritional protein fertilizer designed for all your plant's needs. This high quality natural fertilizer also contains naturally occurring amino acids, as well essential minor elements. The continued application of Avenger 2-3-1 Liquid Fish Fertilizer actually promotes the growth of beneficial bacteria which allows the soil to manage water more efficiently. In addition, this all natural fertilizer does not contaminate our water table through leaching like harmful chemical fertilizers can and do. Because all the natural oils and proteins are contained in this plant food, the Avenger 2-3-1 Liquid Fish Fertilizer is applied at much lower rates than chemical fertilizers but can actually exceed chemical fertilizer performance. The resulting effect is a very efficient natural product that is extremely environmentally friendly. This amazing fertilizer is produced using a cold process that preserves the biologically active components. The result is a stable, safe and easy-to-use product. Many professional gardeners recommend combining with the Avenger Liquid Kelp to enhance performance and increase plant yield.

Benefits of Avenger 2-3-1 Liquid Fish Fertilizer:

- Rebuilds the natural fertility of the soil
- Promotes excellent plant growth as nature intended
- Produces increased plant yields
- Made from a renewable resources
- Excellent to use as a compost enhancer

Available in:
32 oz. Ready to Spray
1 Gallon Concentrate
5 Gallon Concentrate

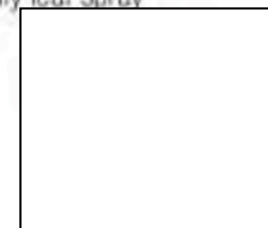


Method of Use: For use on vegetables, plants, shrubs, turf, roses and trees. Dilute the kelp biostimulant and apply either directly to the soil, around the plant stem or spray on the leaf surface. Use as follows:

Soil Soak: 1:200 Dilution, 1 Tablespoon per gallon and apply 1/2 cupful of dilution for seedlings or 1 cupful for mature plants. Use 1 quart of dilution for shrubs and trees. Repeat after 6 weeks. **OR**

Leaf Spray: 1:500 Dilution, 1 1/2 teaspoons per gallon and spray monthly, starting at seedlings stage to maturity. **OR**

Combination of the above programs: Starting with a soil soak, followed by 6 weeks later with monthly leaf spray applications.



4-2-3 Organic Granular Fertilizer

Avenger 4-2-3 Organic Granular Fertilizer is an OMRI Listed 73% slow release organic fertilizer also containing a host of micronutrients. Avenger 4-2-3 Organic Granular Fertilizer contains a minimum 4-2-3 analysis. Avenger 4-2-3 Organic Granular Fertilizer helps plants to become resistant to diseases, insects, and other environmental stresses better than many other fertilizers due to the increased nutrient availability and efficient absorption into the plant of a true organic fertilizer. Overall your plants are much more healthy compared to other plants using synthetic fertilizers as a food source. We have seen a remarkable reduction in disease and insect problems using the 4-2-3 slow release Avenger 4-2-3 Organic Granular Fertilizer. Plants have also shown to be much healthier for a longer period of time, than other plants using a basic organic fertilizer. Another feature is the low odordue to paturization of the manure, allowing customers to enjoy the outdoors right after it has been applied.



Avenger 4-2-3 Organic Granular Fertilizer also enriches the soil and feed the microbe population.

The microbe bloom created will convert the nitrogen into all the essential amino acids and feed the plants. Avenger 4-2-3 Organic Granular Fertilizer feeds the soil. A healthy growing medium will produce healthy plants. Please remember when choosing your fertilizer that synthetic chemical fertilizers are soluble, can and do pollute the water, and destroy microbes in the soil. The synthetic chemical fertilizers also volatilize into the atmosphere and runoff from their intended site therefore polluting our environment. Synthetic fertilizers can also lose up to half there value due to runoff and phasing to the atmosphere and they can burn roots unless heavily watered. Chemical fertilizers require constant watering, contain less micro-nutrition and are heavily laden with salt. Use Avenger 4-2-3 Organic Granular Fertilizer, the one fertilizer that solves all of these problems and greatly helps the environment in the process and has an extremely low burning potential.



4-2-3 Organic Granular Fertilizer

KEY BENEFITS:

- 1) Enriches the soil and feeds the microbe population
- 2) Helps plants to be resistant to diseases, insects, and other environmental stresses
- 3) OMRI Listed 73% slow release organic fertilizer
- 4) Allows the soil's microbe population to release nutrients as the plant needs them. No over feeding.
- 6) Safe around children and pets
- 7) Assists in amending the soil to an organic state.
- 9) Very low odor compared to other organic fertilizers
- 10) Processed from organic fed and bred poultry farms
- 12) No run-off into waterways and lakes
- 13) Non-burning
- 14) Greener, healthier lawns and plants and more flavorful fruits
- 16) Less frequent application than synthetics and less watering required
- 18) Easy to apply with a spreader
- 19) Quick green-up and natural slow release (insoluble nitrogen) for months of steady consistent growth
- 22) Environmentally safe, non-leaching, neutral pH
- 24) Increases root strength
- 25) Improves soil's ability to manage water
- 26) Free of pathogens and bacteria

RATES:

Lawns: 10-25 lbs. per 2000 sq. ft.. Note use lower rates, 5 to 10 lbs per 1000sq.ft, on fertilizer sensitive turf like centipede and others

Pastures: 700-800 lbs per acre

New Sod: 20-30 lbs. per 1000 sq. ft.

Potting: 1.5 lbs per 40# bag of soil or 15 to 40 lbs per cubic yard of soil

Gardens: 30-40 lbs. per 800 sq. ft.

Tree Install: 2 cups per caliper inch

Shrub Install: 1/3 cup per gallon size

Apply as needed throughout the growing season.





AN EFFECTIVE AND ECONOMICAL BED BUG KILLER FOR HOTELS, HOSPITALS, NURSING HOMES, CRUISE SHIPS & MORE!

KILL BED BUGS NOW!

- 100% Natural Non-Pesticide
- Kills Adults, Larva & Eggs
- Child & Pet Safe
- Easy-To-Use



The effective 100% natural, non-pesticide solution you've been looking for!

Most bed bug treatment products use Permethrins and Pyrethrins, which are serious carcinogens (cancer causing agents). Bed bug sprays should only harm bed bugs, not those who use them or come in contact with them in a business or home. Using an organic or natural bed bug killer gets rid of bed bugs without bringing cancer-causing chemicals into your business or home.

If you find evidence of bed bugs, Avenger Organics Bed Bug Killer, a 100% Natural bed-bug killer, is proven to eliminate Bed Bugs (*Cimex lectularius*) without the harsh chemicals that are found in many traditional treatment methods. After spending years of research on safe treatments for bed bugs, Avenger Organics developed an exclusive formula not found in any other products. Our Bed Bug Killer contains only 100% EPA exempt ingredients, is environmentally friendly, and is safe to use around people and pets.

Recent test results show a 100% kill rate in just minutes and 3 days later Avenger Organics Bed Bug Killer had killed 100% of all existing bugs, larva and eggs. A fresh organic aroma is an added bonus.

CATEGORY	Nature's Avenger Organic Bed Bug Killer	LEADING COMPETITOR	PYRETHRINS
EPA EXEMPT	✓	EPA Pesticide	EPA Pesticide
PET & CHILD SAFE	✓		
NO SIDE EFFECTS	✓	On EPA Hazard List	On EPA Hazard List
100% NATURAL	✓		
KILLS ADULTS, LARVA, & EGGS	✓		✓
CONTAINS CARCINOGENS	NO	✓	✓

DIRECTIONS: Shake well before using. Spray directly onto bed bug infested areas including bedding, carpet, walls, cracks, crevices, interior of night stands and dresser drawers. Follow-up in 1-2 weeks after application in same areas. Be careful not to get in the eyes or on the skin. May cause stains and/or burn some susceptible plants. Always test an area before full-application.

Natural Bed Bug Killer controls bed bugs when used as directed.

NATURAL BED BUG KILLER CONTAINS ONLY 100% EPA EXEMPTED INGREDIENTS

This product is exempt from registration with the Federal EPA under section 25(b) of FIFRA, and as such, is not registered with the Environmental Protection Agency. Cutting Edge Formulations, Inc. represents that this product and its ingredients qualify for exemption from registration under FIFRA.

*We compared Avenger Organics Bed Bug Killer to leading competitors:
Avenger Bed Bug Killer has everything you want... nothing you dont!*



EFFECTIVE AND ECONOMICAL ALL NATURAL BUG & INSECT KILLER!



EXTREMELY EFFECTIVE AT KILLING PESKY BUGS!

- **100% Natural Non-Pesticide** • **Child & Pet Safe**
- **Kills Adults, Larva & Eggs** • **Easy-To-Use**



Avenger Organics™ Natural Bug & Insect Killer is a highly effective, environmentally safe indoor/outdoor insecticide using nature's own botanically-derived, organic insecticide. Avenger Organics™ Natural Bug & Insect Killer is 100% Natural and is proven to eliminate bugs without harsh pesticides found in many traditional treatment methods.

After spending years of research on safe treatments for bugs and insects, we have developed an exclusive formula not found in any other product. Avenger Organics™ Natural Bug & Insect Killer contains only 100% EPA exempt ingredients.



- **Very effective at killing ants, roaches, flies, bed bugs, spiders and mosquitoes.**
- **Long lasting residual repellency keeps annoying insects away**
- **Environmentally friendly**
- **100% Natural**

DIRECTIONS: Shake well before using. Spray directly onto insects. Be careful not to get in the eyes or on the skin. May cause stains and/or burn some susceptible plants. Always test an area before full-application.

Natural Bug/Insect Killer will control the following insects (including but not limited to): Bedbugs, Ants (including fire ants), Spiders, Mites, Earwigs, Mosquitoes, & Whiteflies.

NATURAL BUG/INSECT KILLER CONTAINS ONLY 100% EPA EXEMPTED INGREDIENTS

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