

PRODUCT CATALOG



PESTICIDES, FUNGICIDES
FERTILIZERS, NUTRIENTS, WEED KILLERS

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Sierra Natural Science, Inc.

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Salinas, CA 93901

Toll Free: 1 877 626 5505

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www.sierranaturalscience.com

OUR PROMISE

We are a growing family business that has been creating and manufacturing pesticides, fungicides and herbicides for over 11 years.

We strive to make quality organic and natural products that are safe around pets and children, and also reduce the environmental impact on the planet.

We process raw certified organic botanicals and herbs in-house, ensuring the extracted oils and terpenes have a consistent potency across all of our products.

Not all Sierra Natural Science products are available in all states. Contact our sales department for availability in specific states.



SOIL DRENCH/FOLIAR SPRAY

PEST PROBLEMS

Root
Aphids



Fungus
Gnats



White
Flies



Gnat
Larvae



Thrips & more

O-Day
REI



(Re-Entry Interval)

SAFE AROUND
CHILDREN & PETS

WHEN USED AS
DIRECTED



EPA
Exempt



FIFRA 25(b)

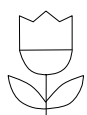


HOW IT WORKS

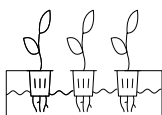
SNS 203 has active ingredients that cause pests to dehydrate and die. It also attacks fungus & algae, reducing the food source for pests.

WHERE TO USE

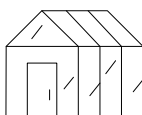
GARDEN



HYDROPONICS



GREENHOUSE



SIZES AVAILABLE



Concentrated

Contact our sales team for available bulk sizes
Always refer to product labels

APPLICATION

Root Drench

Shake well before mixing. Mix 2-4 oz of concentrate per gallon of water. Thoroughly drench affected and surrounding areas.

Foliar Spray

Mix 2-6 oz. of concentrate per gallon of water. Spray foliage to point of runoff.

Hydroponics

Hydro Tray: Pour solution over roots & drain into the system. Flush system after use.

Bucket Drench: Soak root system in a 5 gallon bucket for 5-10 minutes. Rinse, return to system.

Use 203 every 7-14 days for preventative maintenance.



SYSTEMIC PEST CONTROL

PEST PROBLEMS

Spider
Mites



Gnat
Larvae



Root
Aphids



Fungus
Gnat



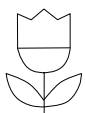
White Flies, Cabbage Maggots & most boring insects

HOW IT WORKS

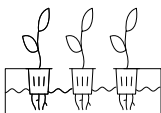
SNS 209 works by allowing plants to absorb small amounts of rosemary and distributing it throughout its cell walls. This creates a barrier that insects do not like, causing pests to stop eating, move on or die.

WHERE TO USE

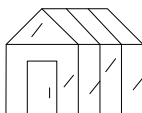
GARDEN



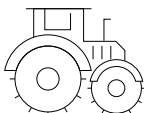
HYDROPONICS



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

O-Day
REI



(Re-Entry Interval)

SAFE AROUND
CHILDREN & PETS

WHEN USED AS
DIRECTED



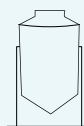
EPA
Exempt



FIFRA 25(b)



Mixing Compatibility



APPLICATION

Soil Drench

Shake well before mixing. Mix 1/4 oz. of concentrate per gallon of water. Thoroughly drench affected and surrounding areas.

Foliar Spray

Mix 1 oz. of concentrate per gallon of water. Spray foliage to point of runoff.

Row Crops

Mix 2-6 quarts of concentrate per acre. Feed solution onto the root area every time you water until infestation reduces.

Use 209 every 7-14 days for preventative maintenance.

Refer to the supplemental label & use guide



SPIDER MITE CONTROL

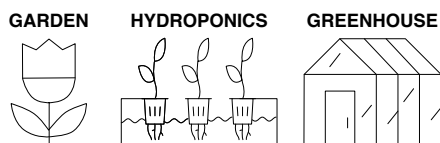
PEST PROBLEMS



HOW IT WORKS

SNS 217 & 217C kills spider mites & their eggs by coating them with an oily shield which prevents respiration. Mites dry out and die, and their eggs are prevented from hatching.

WHERE TO USE



SIZES AVAILABLE



Ready to Use

Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

**O-Day
REI**



(Re-Entry Interval)

**SAFE AROUND
CHILDREN & PETS**

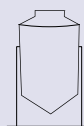
WHEN USED AS
DIRECTED



**EPA
Exempt**



FIFRA 25(b)



Mixing Compatibility

217c + **244c**

APPLICATION

Mixing 217C

Shake well before mixing. Mix 21 oz. of concentrate per gallon of water.

For best results use warm (70 degree) Distilled or "Chlorine Free" water.

Foliar Spray

Make sure to spray under the leaves where spider mites hide & lay their eggs. Do not use under direct sunlight or grow lamps.

Use 217 every 7-14 days for preventative maintenance.



INSECTICIDE

PEST PROBLEMS

Aphids

Ants

Earwigs

Thrips



Spider Mites, Eggs, Larvae & more

HOW IT WORKS

The properties of SNS PC™ disrupt the insect cell structures & respiratory membranes, causing the insect & their eggs to dehydrate, suffocate & die.

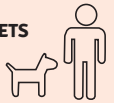
**O-Day
REI**



(Re-Entry Interval)

**SAFE AROUND
CHILDREN & PETS**

WHEN USED AS
DIRECTED



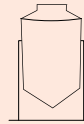
**EPA
Exempt**



FIFRA 25(b)



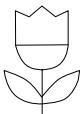
Mixing Compatibility



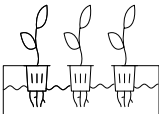
209 + **DC** + **PC**

WHERE TO USE

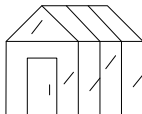
GARDEN



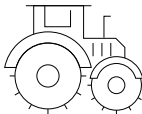
HYDROPONICS



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Ready to Use



Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

APPLICATION

Mixing PC

Shake well before mixing. Mix 6-14 oz. of concentrate per gallon of water.

Foliar Spray

Make sure to spray under the leaves and in corners where spiders and other insects hide and lay their eggs.

Row Crops

Mix 2-6 quarts of concentrate per acre. Feed solution onto the root area every time you water until infestation reduces.

Use PC every 7-14 days for preventative maintenance. Refer to the supplemental label & use guide

PEST & DISEASE CONTROL CHART



Preventative Maintenance Pesticide

Spider Mites

Root Aphid

Thrips

Fungus Gnat

Larvae

Maggots

Russet Mites



Pest Contact Killer

Spider Mites

Root Aphid

Thrips

Earwigs

Larvae

Eggs

Ants



Disease & Fungal Control

Black Mold


Leaf Rust

Powdery Mildew

Blight




Bacterial Blast

Brown Rot



Integrated Pest Management

Tank Mix Example 1



Benefits

- Systemic Preventative Maintenance
- Contact Insect Killer
- Contact Spore/Disease Contact Killer

SUN

209

MON

TUE

209

WED

THU

209

FRI

PC DC

PC DC

PC DC



Spider Mite Control

Spider Mites

Broad Mites

Russet Mites

Eggs



Fungicide

Fusarium

Black Mold

Powdery Mildew

Leaf Rust



Root Drench Contact Killer

Root Aphids

White Flies

Fungus Gnat

Gnat Larvae

Thrips

Tank Mix Example 2



Benefits

- Full lifecycle Spider Mite Killer
- Spore/Mold Contact Killer

SUN

217c

244c

MON

TUE

WED

THU

217c

244c

FRI

Call 877-626-5505 to customize your IPM plan



All Products on this Chart are OMRI Listed and approved for organic gardening





SIERRA NATURAL SCIENCE





WWW.SIERRANATURALSOURCE.COM

877-626-5505

SIZES AVAILABLE



Ready to Use



Concentrated

Sizes vary between products

217 & PC DIFFERENCES



SPIDER MITE CONTROL



Safe for use with Beneficial Bugs



INSECTICIDE



Not safe for use with Beneficial Bugs

244 & DC DIFFERENCES



FUNGICIDE



Safe for use with Beneficial Bugs

Oil Based
Lasts up to 7 days



DISEASE & FUNGAL CONTROL



Not safe for use with Beneficial Bugs

Water Based
Lasts 2-3 days



FUNGICIDE

FUNGAL PROBLEMS

Fusarium



Black Mold



Powdery Mildew



Leaf Rust



& more

HOW IT WORKS

SNS 244 is absorbed systemically by the plant, suppressing the life cycle of fungal spores and nurturing a plant's ability to fight and prevent disease.

**O-Day
REI**



(Re-Entry Interval)

**SAFE AROUND
CHILDREN & PETS**

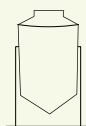
WHEN USED AS
DIRECTED



**EPA
Exempt**



FIFRA 25(b)



Mixing Compatibility

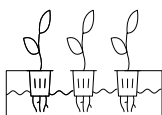
SNS 244 + SNS 217

WHERE TO USE

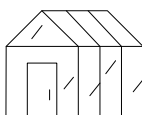
GARDEN



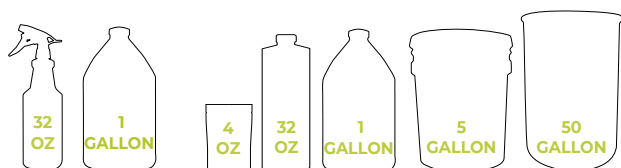
HYDROPONICS



GREENHOUSE



SIZES AVAILABLE



Ready to Use

Concentrated

Contact our sales team for available bulk sizes
Always refer to product labels

APPLICATION

Mixing 244C

Shake well before mixing.

Mix 16 oz. of concentrate per gallon of water.

For best results use warm (70 degree) distilled or "chlorine free" water.

Foliar spray

Spray every 2-3 days until the problem is under control. Thoroughly wet all affected areas.

Spray at night or when lights are off if possible.

Use 244 every 7-14 days for preventative maintenance.



DISEASE & FUNGAL CONTROL

DISEASE & FUNGAL PROBLEMS

Black
Mold



Leaf
Rust



Powdery
Mildew



Blight



Bacterial Blast & more

HOW IT WORKS

SNS DC smothers the microbial cell wall in preservatives and inhibitors that prevent fungus, bacteria and molds from decomposing the plant cell wall.

O-Day
REI



(Re-Entry Interval)

SAFE AROUND
CHILDREN & PETS

WHEN USED AS
DIRECTED



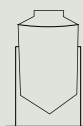
EPA
Exempt



FIFRA 25(b)



Mixing Compatibility

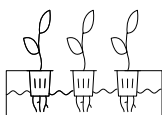


WHERE TO USE

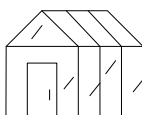
GARDEN



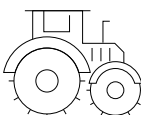
HYDROPONICS



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Ready to Use



Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

APPLICATION

Mixing DC

Shake well before mixing.

Mix 3-8 oz. of concentrate per gallon of water.

Foliar Spray

Spray all plant parts (leaves, stems, stalk, crowns & other). Spraying lightly on top of the soil may be helpful in reducing unwanted yeast and molds.

Row Crops

Mix 2-6 quarts of concentrate per acre. Feed solution onto the root area every time you water until affected area is reduced.

Use DC every 7-14 days for preventative maintenance. Refer to the supplemental label & use guide



GROWTH SUPPLEMENT



GROWTH SUPPLEMENT

GROWTH STAGES

Roots



Stalks



Buds



Flowers

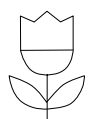


HOW IT WORKS

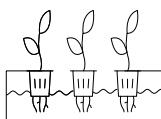
SNS 604 A & B are concentrated blends of primary nutrients, blended with our in-house distilled radish seed extracts that promotes nutrient uptake, which increases the flavor, yield and color.

WHERE TO USE

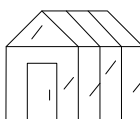
GARDEN



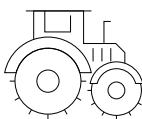
HYDROPONICS



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Concentrated

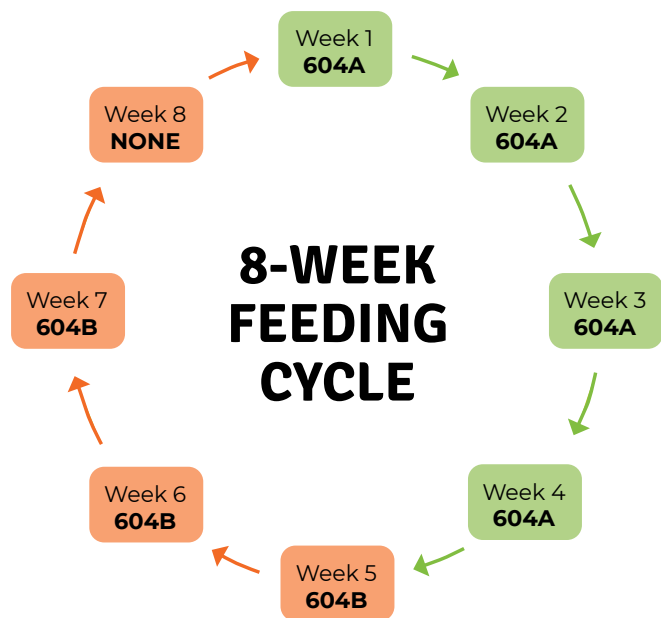
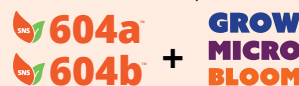
604 A & B SUPPLEMENT MIXING & APPLICATION

APPLICATION	CLONING	HYDRO MEDIUM	SOIL/COCO MEDIUM	FOLIAR MEDIUM
Roots/Stalk Growth Stage 	Mixing: 1oz (2 Tbsp) per gallon of water Application: Add solution to rooting block	Mixing: ¼oz (½ Tbsp) per gallon of water Application: Add with each reservoir change during vegetation cycle	Mixing: ¼oz (½ Tbsp) per gallon of water Application: Soak material as needed or until desired root growth	Mixing: ¼oz (½ Tbsp) per gallon of water Application: Mix well and spray leaves every 3-5 days during vegetation cycle
Flowering Stage 		Mixing: ¼ oz (½ Tbsp) per gallon of water Application: Add to each reservoir change during flowering/budding cycle	Mixing: ¼ oz (½ Tbsp) per gallon of water Application: Mix well and apply to root area daily during flowering/budding cycle	Mixing: ¼ oz (½ Tbsp) per gallon of water Application: Mix well and spray every 3-5 days during flowering/budding cycle

Mixing Compatibility

SNS 604a + SNS 604b + GROW MICRO BLOOM + SNS 209

For best results, use together



GROW MICRO BLOOM

HOW IT WORKS

Grow, Micro, Bloom Nutrients are a combination of primary nutrients (NPK), blended with our in-house distilled alfalfa extracts. They help stimulate growth for higher yields at lower costs.

GROW

Grow Nutrient Formula promotes vegetative and structural growth, along with strong roots.




MICRO

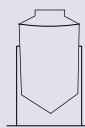
Micro Nutrient Formula adds trace elements such as calcium, magnesium & iron and helps sustain a plant's health and vigor.

BLOOM

Bloom Nutrient Formula stimulates the bloom phase of flower, bud or fruit.

NUTRIENT FEEDING CHART

SEEDLINGS & CUTTINGS		GROW PHASE		BLOOM PHASE		
	Weeks 1-3 tsp/gallon of water		Weeks 4-6 tsp/gallon of water		Weeks 7-10 tsp/gallon of water	Week 11 tsp/gallon of water
GROW	¼ tsp	GROW	3 tsp	GROW	2 tsp	Flush
MICRO	¼ tsp	MICRO	2 tsp	MICRO	1 tsp	Flush
BLOOM	¼ tsp	BLOOM	1 tsp	BLOOM	3 tsp	Flush
Average TDS 450 - 520	Average pH 7.2 - 7.5	Average TDS 600 - 700	Average pH 6.9 - 7.1	Average TDS 900 - 1125	Average pH 6.9 - 7.1	



Mixing Compatibility

604a + **GROW MICRO BLOOM** + 209

For best results, use all 3 together

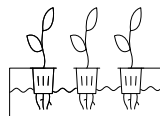
GROW MICRO BLOOM

WHERE TO USE

GARDEN



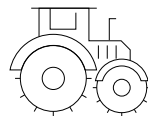
HYDROPONICS



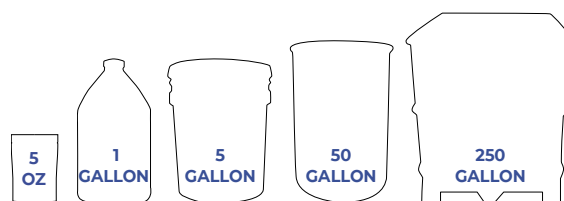
GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Concentrated



WEEDROT™

WEED KILLER

COMMON WEEDS

Starthistle

Dandelion

Spurge

Crabgrass



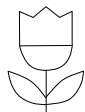
Clover & more

HOW IT WORKS

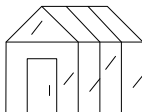
WeedRot is a naturally systemic weed killer that works by removing the plant's waxy layer & seeping deep into the roots to stop the plant from taking in amino acids & nutrients.

WHERE TO USE

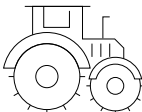
GARDEN



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Concentrated

Contact our sales team for available bulk sizes
Always refer to product labels

**O-Day
REI**



(Re-Entry Interval)

**SAFE AROUND
CHILDREN & PETS**

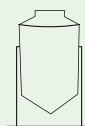
WHEN USED AS
DIRECTED



**EPA
Exempt**



FIFRA 25(b)



Mixing Compatibility

**WEED
ROT™**



**Spreaders or
Stickers**

APPLICATION

Mixing WeedRot™

Mix 24 oz. of concentrate per gallon of water.

For best results use warm (70 degree)
Distilled or "Chlorine Free" water.

Foliar Spray

Works best on weeds less than 6 inches in height and smaller. Weeds larger than 6 inches may require additional applications or higher concentrated mixes.

Refer to WeedRot Tips & Tricks on our website.



ORGANIC LINE CLEANER

TYPES OF IRRIGATION

Drip Emitters



Sprinklers



Reservoirs



Tank Lines



Drip Lines & more

**O-Day
REI**


(Re-Entry Interval)

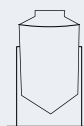
**SAFE AROUND
CHILDREN & PETS**
WHEN USED AS
DIRECTED
**EPA
Exempt**


FIFRA 25(b)



HOW IT WORKS

Hydrobiotics reduces organic deposits, films & dirt from limiting performance of sprinkler systems, nozzles, drip lines, drip emitters, tank lines & reservoirs.



Mixing Compatibility

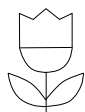


HYDROBIOTICS

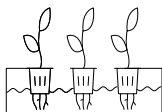

**Can be mixed
Call for Information**

WHERE TO USE

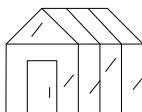
GARDEN



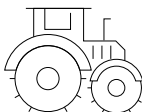
HYDROPONICS



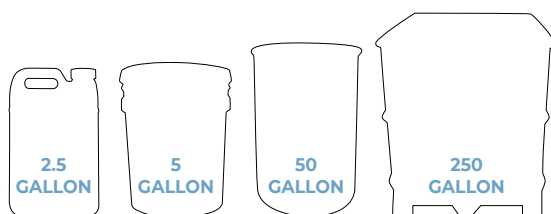
GREENHOUSE



AGRICULTURE



SIZES AVAILABLE


Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

APPLICATION

Greenhouse/Drip Irrigation

Add 1 oz. of concentrate per 50 feet of drip or sprinkler irrigation line. May be added through fertilizer port or reservoir.

Crop Watering-Tanks/Reservoirs

Add 1 oz. of concentrate per gallon of water. Allow to mix well prior to irrigating. Repeat application every 7-10 days.

Crop Watering-Sprinklers

Add 2-6 quarts of concentrate per acre of irrigation system. Add product at the end of the irrigation cycle. Repeat application every 7-10 days or until irrigation system performance is at peak.



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