

PRODUCT CATALOG



PESTICIDES, FUNGICIDES
FERTILIZERS, NUTRIENTS, WEED KILLERS

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sales@sierranaturalscience.com

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

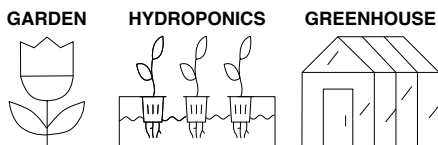
PEST PROBLEMS



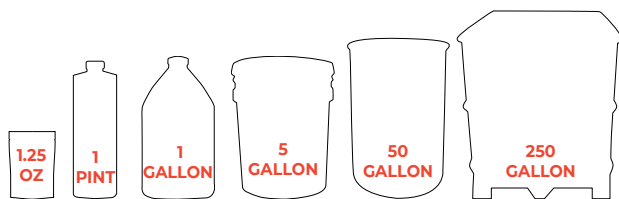
HOW IT WORKS

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



SIZES AVAILABLE



Concentrated

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

O-Day REI **0**
(Re-Entry Interval)

SAFE AROUND CHILDREN & PETS
WHEN USED AS DIRECTED

EPA Exempt **FIFRA 25(b)**

products available **OMRI LISTED**

Mixing Compatibility
 SNS 203 + **Do Not Mix 203 with other products**

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



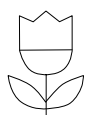
White Flies, Cabbage Maggots & most boring insects

HOW IT WORKS

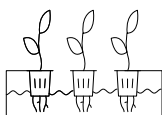
SNS 209 works by allowing plants to absorb small amounts of rosemary and distributing it throughout its cell walls. This creates a barrier that insects do not like, causing pests to stop eating, move on or die.

WHERE TO USE

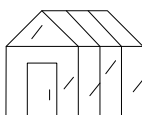
GARDEN



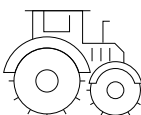
HYDROPONICS



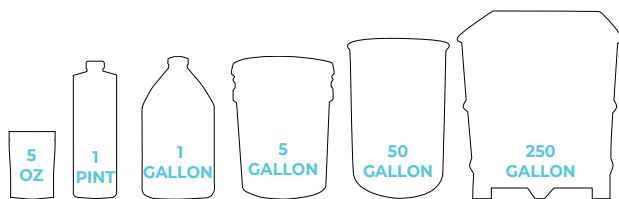
GREENHOUSE



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



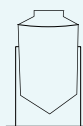
EPA Exempt



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

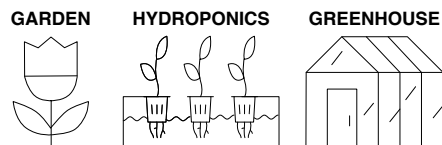
PEST PROBLEMS



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)

products available **OMRI LISTED** 

Mixing Compatibility
 SNS **217c** + SNS **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

SNS PC has surfactant & detergent properties that disrupt insect cell structures & respiratory membranes, causing the insect & their eggs to dehydrate, suffocate & die.

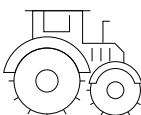
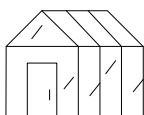
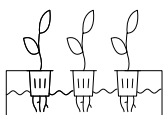
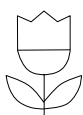
WHERE TO USE

GARDEN

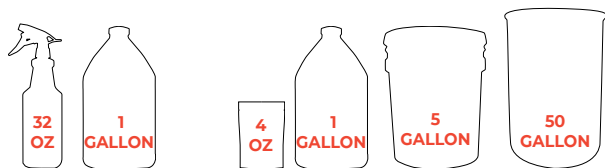
HYDROPONICS

GREENHOUSE

AGRICULTURE



SIZES AVAILABLE



Ready to Use

Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

O-Day REI 
(Re-Entry Interval)

SAFE AROUND CHILDREN & PETS 
WHEN USED AS DIRECTED

EPA Exempt 
FIFRA 25(b)

products available **OMRI LISTED** 

Mixing Compatibility   +  + 

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

IPM

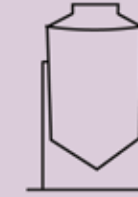
Integrated Pest Management

Tank Mix Example 1



Benefits

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



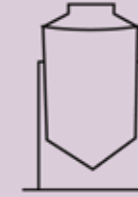
| | | | | | |
|-----|-------|-----|-------|-----|-------|
| SUN | MON | TUE | WED | THU | FRI |
| 209 | | 209 | | 209 | |
| | PC DC | | PC DC | | PC DC |

Tank Mix Example 2



Benefits

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



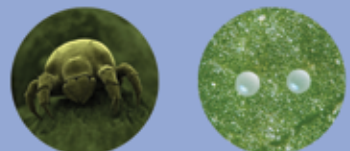
| | | | | | |
|-----|--------------|-----|-----|--------------|-----|
| SUN | MON | TUE | WED | THU | FRI |
| | 217c 244c | | | 217c 244c | |

Call 877-626-5505 to customize your IPM plan



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



FOR ORGANIC GARDENING

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

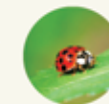


Not safe for use with Beneficial Bugs

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

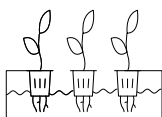
SNS 244 is absorbed systemically by the plant, suppressing the life cycle of fungal spores and nurturing a plant's ability to fight and prevent disease.

WHERE TO USE

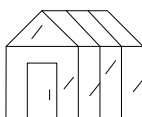
GARDEN



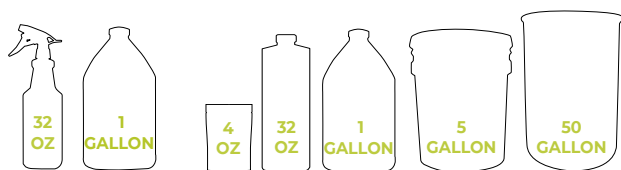
HYDROPONICS



GREENHOUSE



SIZES AVAILABLE



Ready to Use

Concentrated

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

O-Day REI 
(Re-Entry Interval)

SAFE AROUND CHILDREN & PETS
WHEN USED AS DIRECTED 

EPA Exempt 
FIFRA 25(b)

products available
OMRI LISTED 

Mixing Compatibility
 SNS 244 + SNS 217

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



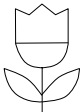
Bacterial Blast & more

HOW IT WORKS

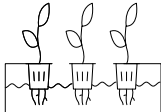
SNS DC smothers the microbial cell wall in preservatives and inhibitors that prevent fungus, bacteria and molds from decomposing the plant cell wall.

WHERE TO USE

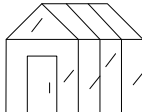
GARDEN



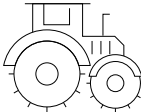
HYDROPONICS



GREENHOUSE



AGRICULTURE



SIZES AVAILABLE



Ready to Use



Concentrated

Contact our sales team for available bulk sizes

Always refer to product labels

O-Day REI **0**
(Re-Entry Interval)

SAFE AROUND CHILDREN & PETS
WHEN USED AS DIRECTED

EPA Exempt **FIFRA 25(b)**

products available
OMRI LISTED

Mixing Compatibility
 SNS **209** + SNS **DC** + SNS **PC**

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

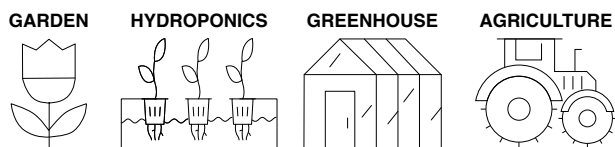
Roots Stalks Buds Flowers



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



SIZES AVAILABLE



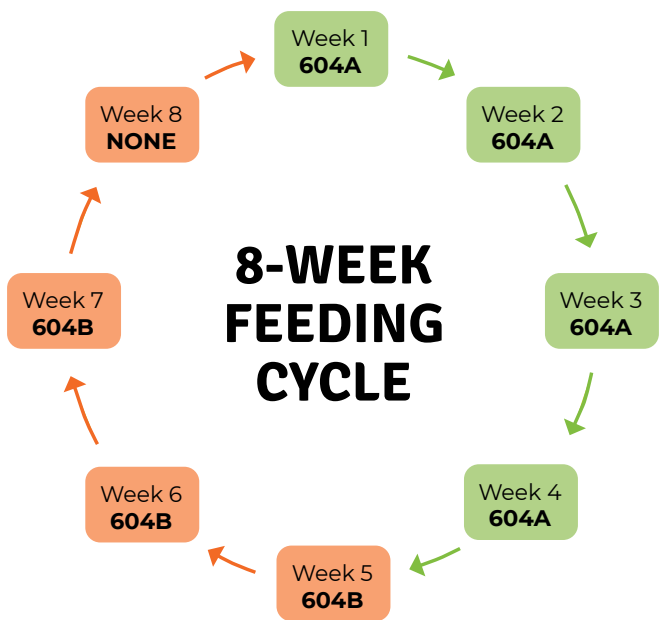
Concentrated

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

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

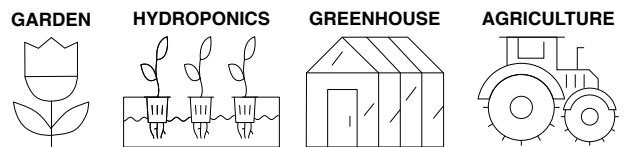
Bloom Nutrient Formula stimulates the bloom phase of flower, bud or fruit.

NUTRIENT FEEDING CHART

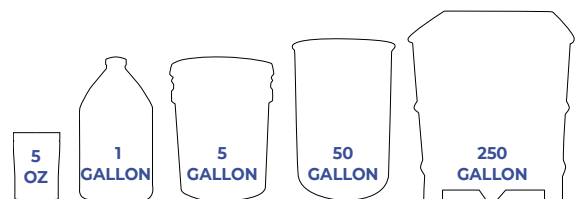
Mixing Compatibility

For best results, use all 3 together
GROW MICRO BLOOM

WHERE TO USE



SIZES AVAILABLE



Concentrated

| 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 | |



WEEDROT™

WEED KILLER

COMMON WEEDS

Starthistle

Dandelion

Spurge

Crabgrass



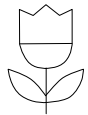
Clover & more

HOW IT WORKS

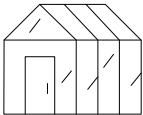
WeedRot is a naturally systemic weed killer that works by removing the plant's waxy layer & seeping deep into the roots to stop the plant from taking in amino acids & nutrients.

WHERE TO USE

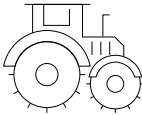
GARDEN



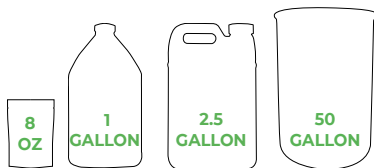
GREENHOUSE



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**

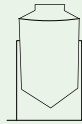
WHEN USED AS
DIRECTED



**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

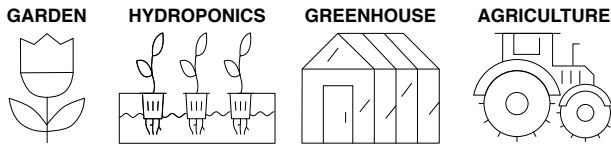


Drip Lines & more

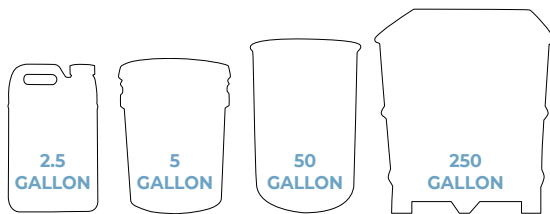
HOW IT WORKS

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

WHERE TO USE



SIZES AVAILABLE



Concentrated

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

0-Day REI
(Re-Entry Interval)

SAFE AROUND CHILDREN & PETS
WHEN USED AS DIRECTED

EPA Exempt
FIFRA 25(b)

products available
OMRI LISTED

Mixing Compatibility
Can be mixed
Call for Information

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.



R23

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