

A SYMBOL OF QUALITY

GROW  MORE[®]

SINCE 1918

GARDEN, LAWN, INTERIOR PLANT PRODUCTS



THE COLORS OF NATURE.

GROW MORE®

First established in Hollywood, California in 1918 by William H. Atwill as National Chemical Co. NACCO, as a distributor for Mallinkrodt reagent chemicals and Eastman Kodak company. A few years later in 1921 the company began to supply its own proprietary photographic chemicals to the growing Hollywood movie industry and also developed chemical specialty products for automobile and metal cleaning applications. Prior to World War II, the company's sales focus was the southern California area. However, in 1944, John F. Atwill, succeeded his father and moved the company to downtown Los Angeles. In the early 1950's. NACCO rapidly expanded and diversified the product line to include marine and petroleum chemical specialties, industrial, aircraft and water treatment chemicals.



The 1980's also marks the time of a Company name change transition from NACCO (National Research and Chemical Company) to Grow More, Inc. Today our products are distributed worldwide and throughout the Western United States through a dealer/distributor network.

World headquarters are located in Gardena, California, an industrial manufacturing area located midway between the port of Los Angeles and Los Angeles City.

Twenty minutes from the Los Angeles International Airport and ten minutes away from the port of Los Angeles, the Corporate Headquarters lodge manufacturing facilities and research laboratories, making the company basically self-sufficient in the total implementation of product quality control and most new projects.



1953



1956



2017

As the Company continued to expand, it moved to a 5 acre manufacturing facility in 1956 and Incorporated as National Research & Chemical Company.

Sales' offices were located in the metropolitan cities of Hamburg, Munich, Tokyo, Mexico City, Buenos Aires, Sydney, New York, Los Angeles, San Francisco and Sunnyvale, California. Satellite manufacturing facilities were located in Tokyo, Hamburg, New York, Mexico City and Sunnyvale (Northern) California.

The early 1970's opened an opportunity to produce electronic printed circuit board chemicals and marked the beginning of Grow More fertilizers and Micronutrients for agriculture and horticulture.

The development of agricultural chelated micronutrients derived from knowledge gained in the formulation of boiler, power generating and water treatment chemicals.

The 1980's was a time of rapid expansion for agricultural, horticultural, animal health products, retail small packages for the lawn and garden markets. This time period also marked a decline in market share for electronics, water treatment and industrial chemicals.

Manufacturing facilities include 3 powder production units with an annual capacity of 44 million pounds (20 million kilograms), with capacities to spray dry, flake dry and centrifuge. The liquid production facility capabilities include exothermic and endothermic reactors, evaporation, extraction, emulsification, ammoniation, esterification, reduction (acid, alkaline), with an annual capacity of 7.3 million gallons (29.6 million liters).

Over the last ten decades Grow More has evolved to its present status as a company, which solves problems through applied research. The strength created by the company results from the application of scientific methodology. Constant achievement through applied research describes in brief the total commitment provided by Grow More products and personnel. This happens through quantitative analysis, and quality control. The high degree of professionalism, which exists at Grow More is prominent among the many reasons why customers continue to rely on the firm.

Perhaps the best evidence is reflected in the longevity of the relationship between customers and manufacturer, many of which are approaching 50 years.

THE GROW MORE DIFFERENCE



Constant achievement through applied research has been our motto since 1918 and provides the basis for the dedicated product quality and consumer preference.

- Grow More is ranked number one as the brand consumers prefer in the Western U.S.A.
- World wide distribution and leading expert in agriculture – horticulture and floriculture.
- Guaranteed customer satisfaction
- Superior Technology
- Optimal Production Facilities
- Service through the product life cycle.



Spraying a field with Grow More



Bountiful Apple Harvest

PACKAGING THAT CREATES DEMAND

The Grow More category of products is one of the fastest growing brands in the Western U.S.A. Countless customers rely on research, innovation and new technologies.

- ▶ **Research and Development:** Grow More maintains a customer base of commercial wholesale plant growers and agricultural crop production growers. This experience brings continual improvement to the entire product family.
- ▶ **Consumer Research:** What do consumers want? What gets a consumer to respond? We focus on what raises customer's awareness for their special needs, accurately and effectively for profitable growth and brand loyalty.
- ▶ **Innovation:** New products, improved packaging, helps keep consumers aware of new technological improvements and keeps our product category profitable and satisfying to our customers.



WATER SOLUBLE FERTILIZERS

All-Season's

- Multiple Sources of Nitrogen
- Chelated Micronutrients
- Soil Penetrant for compact soils

Sizes:
1.5 lbs. UPC: 0-80986-07430-1
5 lbs. UPC: 0-80986-07431-8
25 lbs. UPC: 0-80986-05010-7

20-20-20

The most popular formula in the Nursery Industry, for all plants indoors or out, lawns, vegetables, & citrus.



Sea Grow

- All purpose
- Foliar or soil drench

Sizes Available:
1.5 lbs. UPC: 0-80986-06090-8
3 lbs. UPC: 0-80986-08182-8
25 lbs. UPC: 0-80986-06099-7

16-16-16

Water soluble N-P-K plus botanical kelp extract with natural occurring minerals.



Soil Acidifier

- Outdoor container
- Acid forming formula
- Multiple Sources of Nitrogen

Sizes:
1.5 lbs. UPC: 0-80986-07419-6
3 lbs. UPC: 0-80986-07411-0
25 lbs. UPC: 0-80986-05705-2

30-10-10

For all acid loving plants growing in alkaline soil including Roses, Azaleas, Gardenias, Evergreens, Hydrangeas, Camellias, Junipers, Rhododendron.



Sea Grow

- Bloom & Flower
- Foliar and soil drench

Sizes Available:
1.5 lbs. UPC: 0-80986-06061-8
3 lbs. UPC: 0-80986-08184-2
25 lbs. UPC: 0-80986-06093-9

4-26-26

Designed to encourage bloom and flowers dark green foliage contains, botanical kelp extract, micros, yucca.



All Purpose

- Feeds through leaves and roots
- Encourages Root Growth

Sizes:
1.5 lbs. UPC: 0-80986-07420-2
3 lbs. UPC: 0-80986-07422-6

24-5-15

All-Purpose formula for all plants, shrubs, trees & flowers.

Previous Miracle Grow Formula



Citrus Food

- Chelated Micronutrients
- Soil or Foliage Applied

Sizes:
1.5 lbs. UPC: 0-80986-05260-6

20-10-15

Improve fruit color, firmness and earlier maturity - trees respond with improved vigor.



Indoor/Outdoor

- Premium quality
- Indoor and outdoor
- Chelated Iron

Sizes:
1.25 lbs. UPC: 0-80986-18010-1

19-6-16

A complete formula, supplies N-P-K secondary nutrients and essential micronutrients.



GARDEN, LAWN, INTERIOR PLANT PRODUCTS

Magnum Rose Food

8-10-8

- Formulated for all types of roses
- Contains epsom salts

Sizes:

1.5 lbs. UPC: 0-80986-13015-1
 4.5 lbs. UPC: 0-80986-13012-0
 25 lbs. UPC: 0-80986-13011-3

A complete one step soluble fertilizer with chelated micronutrients and a soil penetrant. Developed by Dr. Tommy Cairns president of the American Rose Society.



Hawaiian Bud & Bloom

5-50-17

- All Flowering, fruiting & colored foliage plants.
- Plumeria, Anthuriums, Lilikoi

Sizes:

1.5 lbs UPC: 0-80986-07505-6
 3 lbs UPC: 0-80986-07544-5
 5 lbs. UPC: 0-80986-07514-8

Designed for flowering tropical shrubs, vines & fruits.



Soluble Palm Food

15-5-15

- For all varieties of Palm grown in containers or native soil.
- Extra Mg, Mn, S, & Fe

Sizes:

1.5 lbs. UPC: 0-80986-05107-4
 3 lbs. UPC: 0-80986-05102-9

Formula based on recommendations of Dr. Timothy K. Broschat, University of Florida. Ideal N-P-K ratio 6 micro's for Palms.



Grow Bloom

0-50-30

- Promotes flowering without nitrogen
- Chelated Iron and Manganese

Sizes Available:

1.5 lbs. UPC: 0-80986-06101-1

Helps increase flowering and bloom development. Also use for Plumerias, Gingers, Adenium, Aquatic Pontederia, Clerodendrum, Hedychium and Costus.



Super Bloomer

15-30-15

- Chelated Iron & Manganese

Sizes:

1.5 lbs. UPC: 0-80986-07418-9
 3 lbs. UPC: 0-80986-07415-8
 5 lbs. UPC: 0-80986-07414-1
 25 lb. bag available

Special formula to encourage larger, colorful blooms & blossoms on all flowering plants & shrubs.



Citrus Grower Blend

- Chelated Micronutrients
- Soil or Foliage Applied

Sizes:

10 oz. UPC: 0-80986-08085-2
 20 oz. UPC: 0-80986-08086-9
 15 lb. UPC: 0-80986-08088-3

Provides a readily available source of Chelated Iron, Zinc, Manganese and Copper. Potassium is also included for sweeter, firmer fruit.



Tomato Food

18-18-21

- Special formula for all tomato plants

Sizes:

1.5 lbs UPC: 0-80986-05236-1

Special formula for all tomatoes with extra magnesium and higher potash ratio for firmer fruit and yields.



SPECIALTY PRODUCTS

Eco Pond Clear

- Safe for Fish
- Prevents Algae & Slime

Size Available:
1 lb. UPC: 0-80986-15100-2

All natural bacterial product for decorative ponds and fish ponds. Effectively recycles pond waste by-products and detritus.



Grow Vite

- Fast acting liquid
- Vitamin B-1 and soil penetrant
- Chelated Iron, Zinc Manganese

Size Available:
1 Gallon UPC: 0-80986-07549-0

16-4-2

Easy to use liquid concentrate - dilute 1:128 a gallon makes 128 gallons of ready to use nutrients.



Hydrangea Blueing

- Aluminum Sulfate
- Turns Pink Flowers Blue

Size Available:
2 lbs. UPC: 0-80986-07539-1

Helps form acid soil for all Hydrangea. Use for shrub, climbing vine, bug leaf garden and common varieties.



Naccosan Disinfectant

Deodorizer, Disinfectant, Fungicide, Mildewstat, Sanitizer and Cleaner.

Size Available:
Gallon UPC: 0-80986-04031-3



Organic Iron Chelate

- 10% Chelated Iron
- Soil or Foliage Applied

Size Available:
8 oz. UPC: 0-80986-07450-9
24 oz. UPC: 0-80986-07453-0

Designed to help correct yellow leaves on all citrus and fruit trees, vegetables and turf lawns.



Maxi-Cal

- 10% Calcium plus 8 micros
- Improves quality of fruits & vegetables

Size Available:
16 oz. UPC: 0-80986-13001-4

10% Calcium

Corrects blossom end rot in tomatoes, peppers, melons, broccoli



BIO-COZYME

- For All Plants
- Foliar Feed or Soil

Size Available:
1 qt. UPC: 0-80986-06044-1
1 gal. UPC: 0-80986-06045-8

10.30-0.30-0.05

Organic product that supports abiotic stress tolerance soil microbial populations. Improves efficiency of applied fertilization.



Cactus Juice

- Contains Calcium
- Urea FREE Formula

Size Available:
16 oz. UPC: 0-80986-03130-4

1-7-6

- Fortified for all Cacti and Succulents.
- Ideal N-P-K ratio favors slow growth.



FUEGO

- Helps Boost Growth
- Foliar Feed or Soil

Sizes:
1 qt. UPC: 0-80986-06050-2
1 gal. UPC: 0-80986-07519-3

A source of organic acids, amino acids and carbohydrates to help over-all plant nutrition.



Lucky Bamboo

- Concentrated - makes 48 gals.
- Indoor or outdoor
- N-P-K Plus trace elements

Size Available:
8 oz. UPC: 0-80986-07857-6

2-2-2

Designed for Dracaena Sanderana growing in containers.



GARDEN, LAWN, INTERIOR PLANT PRODUCTS

Rapid Root

Size Available:
2 oz. UPC: 0-80986-03998-0
1 lb. UPC: 0-80986-04000-9

- Root Inducing Hormone
- For all root cuttings soft or hard stems.
- Indole-3-butyric Acid



Grow More pH Down

- 30% H3PO4 Concentrate to lower the pH of nutrient solution.

Sizes Available:
1 qt. UPC: 0-80986-08032-6
1 gal. UPC: 0-80986-08033-3



Stump Remover 13-0-44

Size Available:
1 lb. UPC: 0-80986-07421-9

- Fertilizer or Stump remover
- Helps maintain pink color of Hydrangea grown in acidic soil.



Grow More pH Up

- 30% KOH use pH Up to raise pH of nutrient solution with potassium hydroxide.

Sizes Available:
1 qt. UPC: 0-80986-08030-2
1 gal. UPC: 0-80986-08038-8



EDDHA Iron Chelate 6.0%

- Special chelated Iron for problem soils

Recommended for soils with pH above 7.5, also caliche adobe clay, clay silt or alkaline.

Sizes Available:
4 oz. UPC: 0-80986-06638-2
1 lb. UPC: 0-80986-06546-0
15 lb. bag available



Palm Food

Micronutrients for the professional growers. Helps prevent yellowing and curling, is a foliage booster and helps prevent chlorosis. Also is non-burning and can be used as a soil drench or for foliar feeding. Provides buffer action in the preferred range of pH6-7.

Size Available:
1 gal. UPC: 0-80986-13003-8



EZ WET Soil Penetrant 26

- Helps water penetrate hard soil
- Reduce water runoff
- Leaches soils salt
- Wets mulch and soil mix
- Neutral pH
- Reduces run-off
- Reduces puddling

Sizes Available:
1 qt. UPC: 0-80986-08055-5
1 gal. UPC: 0-80986-08016-6
2.5 gal. UPC: 0-80986-08015-9



Bonsai Food

- For All Container Grown Bonsai
- Formulated with Slow Acting Ingredients
- High Organics Content

Size Available:
8 oz. UPC: 0-80986-05371-9



E-Z Wet Spray

- Covers Up To 5,000 sq. ft.

Makes water penetrate into soil faster & deeper. Reduces run off & puddling.

Size Available:
1 qt. Sprayer
UPC: 0-80986-08137-8



3 Part Liquid Program: Mendocino Grow, Micro, Bloom

Medium potential acidity formula to help counteract moderately alkaline water. Versatile formula for foliar or soil applications, organic compatible.

Size Available:
1 qt. Grow UPC: 0-80986-09562-7
1 qt. Bloom UPC: 0-80986-09559-7
1 qt. Micro UPC: 0-80986-09565-8



Siphon Mixer

- For all water soluble and liquid fertilizers.
- Ratio 16:1
- Unrestricted flow thru design.
- 16:1 ratio
- Plastic Construction

Size Available:
1 Unit UPC: 0-80986-18005-7



PREMIUM QUALITY PLANT FOODS

Recommended for all slab-mounted epiphytic orchids, those with exposed root systems, and terrestrial orchids in a soil potting mixture. Use also for gravel or in organic culture.

Must be dissolved in water before use. Dissolve 1 teaspoon per gallon of water. Use hose-end proportioners, sprinkler can or bucket to apply water copiously to saturate bark or other potting media every 10 days or 2 weeks. Pre-water plants the day before feeding if soil or bark is dry.



Feed cymbidiums with 30-10-10 Red during the growing season (February thru October). To help initiate flower spike feed cymbidiums with 6-30-30 Blue during the dormant season (September through February). Use 20-20-20 Yellow as a general purpose feed for all cattleyas, vandas and dendrobiums and other orchids year-round. Use 20-10-20 Green, Urea free formula for paphiopedilum, phalaenopsis, and others, year-round. Use 1 teaspoon per gallon of water.



Size: 1.25 lbs.
UPC: 0-80986-05121-0

Maintenance or General Purpose Formula - year around. Multiple sources of nitrogen for slaggd release.

20-20-20

GUARANTEED ANALYSIS:

Total Nitrogen (N)	20%
3.9% Ammonical Nitrogen	
5.7% Nitrate Nitrogen	
10.4% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	20%
Soluble Potash (K ₂ O)	20%

CHELATED MICRONUTRIENTS:

Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Zinc (Zn)	0.05%



Size: 1.25 lbs.
UPC: 0-80986-05270-5

Urea Free - good nitrogen availability under wide range of temperature and climate conditions.

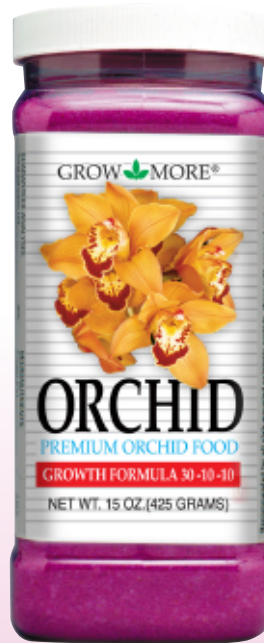
20-10-20

GUARANTEED ANALYSIS:

Total Nitrogen (N)	20%
8.0% Ammonical Nitrogen	
12.0% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	20%

CHELATED MICRONUTRIENTS:

Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Zinc (Zn)	0.05%



Size: 15 oz.
UPC: 0-80986-05360-3

High nitrogen to counter the nitrogen robbing characteristics of fir back potting media. Low biuret urea.

30-10-10

GUARANTEED ANALYSIS:

Total Nitrogen (N)	30%
2.0% Ammonical Nitrogen	
3.2% Nitrate Nitrogen	
24.8% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	10%

CHELATED MICRONUTRIENTS:

Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Zinc (Zn)	0.05%



Size: 10 oz.
UPC: 0-80986-05399-3

Size: 10 oz.
UPC: 0-80986-05271-2

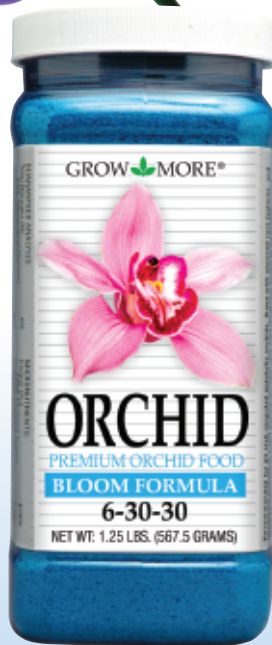
Formulas Specifically Designed for: Orchids • Bromeliads • Tillandsias



Size: 10 oz.
UPC: 0-80986-07515-5



Size: 10 oz.
UPC: 0-80986-13813-3



Size: 1.25 lbs.
UPC: 0-80986-05120-3

Bloom Formula - High phosphorus to nitrogen ratio, helps induce bud set, increase color and size of bloom.

6-30-30

GUARANTEED ANALYSIS:

Total Nitrogen (N)	6%
2.7% Ammonical Nitrogen	
3.3% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	30%
Soluble Potash (K ₂ O)	30%
CHELATED MICRONUTRIENTS:	
Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Zinc (Zn)	0.05%



Size: 1.25 lbs.
UPC: 0-80986-05118-0

Use indoor or outdoor for showy flowers in branched leaf clusters and handsomely marked flower clusters.

17-8-22

GUARANTEED ANALYSIS:

Total Nitrogen (N)	17%
7.35% Ammonical Nitrogen	
9.55% Nitrate Nitrogen	
0.10% Water Ins. Organic Nitrogen	
Available Phosphate (P ₂ O ₅)	8%
Soluble Potash (K ₂ O)	22%
CHELATED MICRONUTRIENTS:	
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Zinc (Zn)	0.05%



Size: 10 oz.
UPC: 0-80986-13810-2

Recommended for all Bromeliaceae family plants including Tillandsias and Guzmanias. In nature, these epiphytes grow on trees or rocks and have specialized, leaves that gain their nutrients from organic matter and rain water.

Our special formula provides an organic slow release nitrogen source along with soluble nutrients that are ideally suited for the cupped leaf bases and hairy leaf surfaces that hold water between rains.



Why Are Grow More Products Different?

70% of Grow More customers are commercial agricultural growers, who make their livelihoods producing vegetables, fruits, nuts berries and grapes the old fashion way through a lot of work. These folks know and depend on quality fertilizer and micronutrients to grow quality produce.

Home owners, back yard gardeners, window box gardens, container plant and house plant keeper can all benefit from the same quality ingredients used in our commercial fertilizer - the Grow More difference.

Commercial production greenhouse, nursery plants grower, hydroponic and golf courses make up the balance of our customer's base, which give us here at Grow More a wide perspective and product capability.

Quality ingredients are the cornerstone of dependable products and together with a quality assurance program at Grow More, we constantly try to meet the expectation of our customers year after year with quality and dependable product performance.

GARDEN, LAWN, INTERIOR PLANT PRODUCTS

Herb Food

- For edible herbs
- 100% Natural Organic
- Low Phosphorus for less flowering

Size Available:
1 lb. UPC: 0-80986-06060-1



5-1-5

Herb Food helps enhance natural oils and flavors for a thriving herb garden.

Seaweed Extract

- Liquid Organic Kelp
- Foliar or Soil Drench

Size Available:
Pint UPC: 0-80986-06024-3
Quart UPC: 0-80986-06048-9
1 Gal. UPC: 0-80986-06041-0
2.5 Gal. UPC: 0-80986-06057-1

Cold water processed to preserve natural occurring minerals and organics. Prevents transplant shock all plants.



Garden Molasses

- For indoor, outdoor & container plants
- Designed to be applied to the soil under the drip zone of the leaves.

Size Available:
Quart UPC: 0-80986-05307-8

May be applied at any time of the growing season to most all crops including flowers, bedding plants, flowering shrubs, fruit trees, vegetable gardens, roses, vines, ground covers, annuals, perennials, herb gardens.



Seaweed Extract Spray

- Ready to spray hose end connection
- Bottle treats 5,000 sq. ft.
- Fast acting – Foliar

Size Available:
Quart UPC 0-80986-06056-4



Jump Start

- Vitamins, Micronutrients & Amino Acids
- Growth Promoting Hormones

Size Available:
Pint UPC: 0-80986-07436-3
Quart UPC: 0-80986-07435-6
Gallon UPC: 0-80986-07437-0

Plant Tonic

Helps plants thrive. increases plant nutrient assimilation efficiency.



Better Than Fish

- Made from sustainable vegetable protein
- No Fish Odor
- 20 Amino Acids

Size Available:
1 gal. UPC: 0-80986-06981-9



Humic Acid 8%

- Feeds Micro Nutrients in Soil.
- Unlocks Nutrients
- Foliar or Soil Drench

Size Available:
Quart UPC: 0-80986-08002-9



BIO START 3-4-3

- Premium Blend
- Derived from Organic Compounds

Size Available:
25 lb. Bag. and 50 lb. Bag



Grow Organite 5-5-0

- Soil Restoration
- Organic Granules
- Convenient No Dust
- Slow Release Nitrogen

Size Available:
25 lb. Bag. UPC: 0-80986-05191-3





GROW MORE®

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