

GRO • FINE[®]

GROWING NATURE'S MASTERPIECE
2018 FULL LINE CATALOG

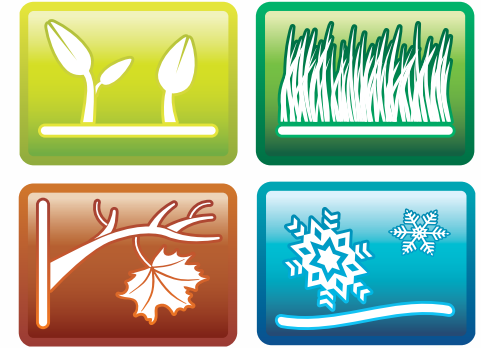
GRO • FINE[®]

KNOX FERTILIZER COMPANY, INC.

Knox Fertilizer products lead the lawn-and-garden plant food industry in consistent performance, quality and reliability.

To achieve maximum results and have that thick, green lawn we all want surrounding our homes, Knox Fertilizer products provide the proper nutrients and can be used year round in our **Gro-Fine® Lawn Care Program**. Knox Fertilizer also has a complete line of products to bring out the master gardener in everyone and do it economically.

Whether beginning new landscaping, or revitalizing and freshening existing gardens, flowers or lawns, Knox Fertilizer has got your plants covered for all seasons.



GRO•FINE®



Remove®

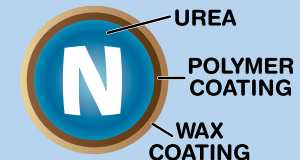
CONSISTENT, RELIABLE LAWN NUTRITION

SURFCOTE-4® Extended-release formula delivers nutrients for up to 120 days.

SurfCote N-4 has the most advanced controlled-release fertilizer technology — an innovative and proprietary polymer resin encapsulation with a sustained release of up to 120 days. Each fertilizer granule is encased in a durable microthin shell that allows soil moisture to gradually diffuse into the granule, dissolving the urea fertilizer. Rising temperatures liquefy the urea, which remains encapsulated, then slowly and consistently passes through the polymer to meet the ongoing nutrient demands of your turf.

Fertilizer granules with SurfCote are tougher than sulfur-based compounds. The integrity of the shell is protected against breakage with normal handling and abrasion. Reduced loss means more nutrients going to work on your turf, and less opportunity for leaching.

With SurfCote, every blade of grass gets the nutrients it needs, when it needs it most.



The patented polymer coating releases nitrogen in the same regular pattern that regulates turf demand for nitrogen.

- Reduces nitrogen loss due to ammonia volatilization and leaching.
- Delivers "on-demand" nutrients for uniform turf color and growth.
- Fewer applications saves time, labor and energy costs.
- Enhanced nutrient uptake, and improves nitrogen efficiency.
- Durable micro-thin shell releases nitrogen consistently via temperature.



STEP 1

GRO-FINE® Crabgrass Control Lawn Food (APPLY IN EARLY SPRING)

Will control crabgrass as pre-emergent or early post-emergent to extend application window for quick, deep, even greening. (see label for rate requirements).

Non-Staining formula uniformly covers to deliver an invisible barrier at the soil surface that prevents crabgrass from germinating while it feeds the lawn.

Contains Dimension herbicide, a 4-month PREVENTATIVE barrier against crabgrass, other annual grassy weeds, & many broadleaf weeds.



STEP 2

GRO-FINE® Weed and Feed (APPLY ANYTIME WEEDS ARE ACTIVELY GROWING)

Grass should be wet from dew or sprinkling before application. This helps particles adhere to weed leaves to produce best results. Do not apply by hand. Do not apply if rain is expected within 24 hours.

Apply to grass when daytime temperatures are between 60° - 90° F and weeds are present and growing.

Controls most common lawn weeds, including: dandelions, white clover, and chick weed. See label on bag for other weeds controlled.

Delay reseeding for two weeks after application.



STEP 3

GRO-FINE® Lawn Food

Combines quick lawn greening with timed-release feeding for long-lasting results, up to 4 months without rapid growth spurts.

Stimulates tiller and rhizome development to improve density and helps grass plants multiply themselves for a stronger, greener lawn.

Apply any season when grass is green and growing to any grass type. For best results, apply as part of the Gro-Fine® Annual Lawn Care Program.



STEP 4

GRO-FINE® Winterizer Lawn Food (APPLY IN THE FALL)

Provides essential nutrients for vigorous growth of turf grasses after the winter dormant stage.

Helps lawns withstand the harsh winter season promoting stronger root development, and quicker green-up and thick lawn in spring.

Apply as an optional fifth step in the Gro-Fine® Annual Lawn Care Program.

Phosphate free formula.

ITEM NO.	DESCRIPTION	WT. LBS.	COVERAGE SQ. FT.	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
GF11590	GRO-FINE Crabgrass Preventer plus Lawn Food	13#	5,000	30-0-4	1	16x12x3	150	48x40x48	089146902034	10089146902031	2,000	22 / 44,000#
GF11588	GRO-FINE Crabgrass Preventer plus Lawn Food	13#	5,000	30-0-4	1	16x12x3	49	48x30.5x30	089146902034	20089146902038	687	65 / 43,550#
GF11591	GRO-FINE Crabgrass Preventer plus Lawn Food	39#	15,000	30-0-4	1	23x15x5	55	48x40x48	089146902041	10089146902048	2,195	20 / 43,900#
GF23329	GRO-FINE Weed & Feed	13#	5,000	30-0-3	1	16x12x3	150	48x40x48	089146900344	10089146900341	2,000	22 / 44,000#
GF23330	GRO-FINE Weed & Feed	13#	5,000	30-0-3	1	16x12x3	49	48x30.5x30	089146900344	20089146900348	670	
GF23339	GRO-FINE Weed & Feed	39#	15,000	30-0-3	1	23x15x5	55	48x40x48	089146900351	10089146900358	2,195	20 / 43,900#
GF58000	GRO-FINE Lawn Food	13#	5,000	32-0-4	1	16x12x3	150	48x40x48	089146902058	10089146902055	2,000	22 / 44,000#
GF57998	GRO-FINE Lawn Food	13#	5,000	32-0-4	1	16x12x3	49	48x30.5x30	089146900351	20089146902052	687	65 / 43,550#
GF58001	GRO-FINE Lawn Food	39#	15,000	32-0-4	1	23x15x5	55	48x40x48	089146902065	10089146902062	2,195	20 / 43,900#
GF57239	GRO-FINE Winterizer Lawn Food	13#	5,000	30-0-10	1	16x12x3	150	48x40x48	089146900733	10089146900730	2,000	22 / 44,000#
GF57240	GRO-FINE Winterizer Lawn Food	13#	5,000	30-0-10	1	16x12x3	49	48x30.5x30	089146900733	20089146900737	687	65 / 43,550#
GF57309	GRO-FINE Winterizer Lawn Food	39#	15,000	30-0-10	1	23x15x5	55	48x40x48	089146900870	10089146900877	2,195	20 / 43,900#



Twin Pine™ All Purpose Fertilizers

TWIN PINE™ All Purpose Fertilizers are designed for use on flowers, gardens, trees, shrubs, and lawns. Satisfaction guaranteed.

ITEM NO.	DESCRIPTION	WT. LBS.	COVERAGE SQ. FT.	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
TP41809	TWIN PINE 6-12-12 A/M	33#	5,000	6-12-12	1	20x14x4	56	40x48x31	089146900566	10089146900563	1,898	22 / 41,756#
TP42209	TWIN PINE 8-8-8 A/M	33#	5,000	8-8-8	1	20x14x4	56	40x48x31	089146900283	10089146900280	1,898	22 / 41,756#
TP42539	TWIN PINE 10-10-10 A/M	33#	5,000	10-10-10	1	20x14x4	56	40x48x31	089146900269	10089146900266	1,898	22 / 41,756#
TP42790	TWIN PINE 12-0-12 A/M	33#	5,000	12-0-12	1	20x14x4	56	40x48x31	089146111177	10089146111174	1,898	22 / 41,756#
TP43029	TWIN PINE 12-12-12 A/M	33#	5,000	12-12-12	1	20x14x4	56	40x48x31	089146002710	10089146002717	1,898	22 / 41,756#
TP43999	TWIN PINE 13-13-13 A/M	33#	5,000	13-13-13	1	20x14x4	56	40x48x31	089146900290	10089146900297	1,898	22 / 41,756#
TP45009	TWIN PINE 16-16-16 A/M	20#	5,000	16-16-16	1	16x12x3	100	40x48x40	089146002642	10089146002649	1,650	22 / 36,300#
TP47009	TWIN PINE 34-0-0 A/M	33#	5,000	34-0-0	1	20x14x4	56	40x48x31	089146900573	10089146900570	1,898	22 / 41,756#

OPTIONAL STEP 5



GRO-FINE® Fall Weed & Feed

Provides essential nutrients for vigorous growth of turf grasses in the fall.

Helps prepare lawns for winter—promotes stronger root development, thicker and greener lawn in fall, and quicker green-up and thick lawn in spring.

Apply as an optional FOURTH STEP® in the Gro-Fine® Annual Lawn Care Program. (October through November) Phosphate free formula.

Kills Weeds while feeding your lawn.

Controls a wide spectrum of broadleaf weeds.

Fast green-up & timed release for extended feeding.

ECONOMY



GRO-FINE® Weed and Feed

Controls most common lawn weeds, including: dandelions, white clover, and chick weed. See label on bag for other weeds controlled.

Apply to grass when daytime temperatures are between 60° - 90° F and weeds are present and growing.

Contains a combination of (3) three proven weed killers.



GRO-FINE® All Purpose Plant Food

Contains Nitrogen, Phosphorus and Potash for three-way feeding.

Stimulates Root Growth.

For Vegetable Gardens, Around Flowers, Roses, Bulbs, Trees and Shrubs.

ITEM NO.	DESCRIPTION	WT. LBS.	COVERAGE SQ. FT.	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
GF23301	GRO-FINE Fall Weed & Feed	13#	5,000	28-0-6	1	16x12x3	49	48x30.5x30	089146902072	20089146902076	687	65 / 43,550#
GF23300	GRO-FINE Fall Weed & Feed	13#	5,000	28-0-6	1	16x12x3	150	48x40x48	089146902072	10089146902079	2,000	22 / 44,000#
GF23279	GRO-FINE Economy Weed & Feed	13#	5,000	11-0-7	1	16x12x3	150	48x40x48	089146900467	20089146900461	2,000	22 / 44,000#
GF40561	GRO-FINE All Purpose Plant Food	18#	—	5-10-5	1	18x13.5x2.5	110	48x40x48	089146902027	10089146902024	2,030	21 / 42630#



KILLS WEEDS BEFORE THEY START! FEEDS AND NOURISHES PLANTS

CONVENIENT!
Resealable Shaker Bag
Easy-To-Use

GRO-FINE® Garden Weed Preventer & Plant Food

PRE-EMERGENT WEED CONTROL & ANNUAL GRASSES

Stops weeds before they start AND feeds your plants.

Use around flowers, vegetables, trees, and shrubs for hassle-free, weed-free gardens.

No mixing - sprinkle granules between and around plants. Won't wash or blow away.

Water in the granules with a gentle spray to form an invisible barrier that stops weed seeds from germinating, allowing plants to flourish.

For best results, apply during bed preparation—early in the season before weeds emerge. Then apply 4 weeks later around flowers, vegetables, trees, shrubs and established plants.

Compares with the National Brand.

ITEM NO.	DESCRIPTION	WT. LBS.	COVERAGE SQ. FT.	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	CASE UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
GF10388	GRO-FINE Garden Weed Preventer & Plant Food	37.5# total (6x6.25)	500	9-17-9	6	13x11x5	48	48x40x60	089146002437	10089146002434	30089146002438	1,850	22 / 40,700#

*Case Dimensions: 19x12x9.

GRANULAR FERTILIZERS



GRO-FINE® All Purpose Flowering Plant Food

Ideal for all types of indoor and outdoor plants.

Balanced formula promotes root, leaf, and blossoms.

Sprinkle around desired plants.



GRO-FINE® Bulb Food

Ideal for perennials such as tulips, dahlias, crocasmias, begonias, cannas, and lilies.

Sprinkle around desired plants.



GRO-FINE® Rose & Flower Plant Food

Ideal for roses, promotes bountiful beautiful flowers.

Easy to use, sprinkle around desired plants directly to soil.



GRO-FINE® Flower & Vegetable Plant Food

For use on flowers, vegetables, roses, tomatoes, shrubs, evergreens, trees and berries.

Easy to use, sprinkle around desired plants directly to soil.

ITEM NO.	DESCRIPTION	WT. LBS. TOTAL	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	CASE UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
GF70170	GRO-FINE All Purpose Flowering Plant Food	18# (6x3)	10-10-10	6	9x8x3.5	96	48x40x60	089146002390	50089146002395	40089146002398	1,728	22 / 38,016#
GF70119	GRO-FINE Bulb Food	18# (6x3)	9-9-6	6	9x8x3.5	96	48x40x60	089146002383	40089146002381	50089146002388	1,728	22 / 38,016#
GF70210	GRO-FINE Rose & Flower Plant Food	18# (6x3)	12-4-8	6	9x8x3.5	96	48x40x60	089146900436	20089146900430	10089146900433	1,728	22 / 38,016#
GF70220	GRO-FINE Flower & Vegetable Plant Food	18# (6x3)	12-8-8	6	9x8x3.5	96	48x40x60	089146900443	20089146900447	10089146900440	1,728	22 / 38,016#

*Case Dimensions: 9.5x12x9.

**INSTANT
EASY-OPEN
DISPLAY!**



GRO-FINE® Easy-Open, 6 Pack Display Box

Grip tab and pull left, opening along dotted line to mid-way on the opposite side of box.
 Grip remaining tab and pull right, opening along dotted line to meet with tear on the other side of box.
 Carefully lift the now-freed, box top to reveal product ready for display.

WATER SOLUBLE PLANT FOOD



**GRO-FINE® Bloom Plus
Water Soluble Plant Food**

Ideal for roses, lilies, tulips, and all types of perennial and annual flowering plants.

Concentrated with micronutrients.

Use with any lawn or garden water soluble feeder.



**GRO-FINE® Tomato
Water Soluble Plant Food**

Ideal for tomatoes and vegetables.

Encourages new growth for great harvests.

Use with any lawn or garden water soluble feeder.



**GRO-FINE® All Purpose
Water Soluble Plant Food**

Ideal for vegetables, flowers, lawns, trees, shrubs, and indoor plants.

Multiple plant, multi-purpose maximum growth.

Use with any lawn or garden water soluble feeder.



**GRO-FINE® Acidifier
Water Soluble Plant Food**

Ideal for varieties of azaleas, camellias, and rhododendron.

Stimulates abundant buds and large blooms.

Use with any lawn or garden water soluble feeder.

ITEM NO.	DESCRIPTION	WT. LBS. TOTAL	ANALYSIS	PACK	ITEM SIZE L x W x H	PALLET QTY.	PALLET SIZE L x W x H	ITEM UPC	CASE UPC	PALLET UPC	PALLET WEIGHT	MAX PALLETS/LOAD
GF70100	GRO-FINE Bloom Plus Water Soluble Plant Food	9# (6x1.5)	10-54-10	6	9x8x3.5	96	48x40x60	089146900597	20089146900591	10089146900594	864	22 / 19,008#
GF70330	GRO-FINE Tomato Water Soluble Plant Food	9# (6x1.5)	16-19-29	6	9x8x3.5	96	48x40x60	089146900603	20089146900607	10089146900600	864	22 / 19,008#
GF70600	GRO-FINE All Purpose Water Soluble Plant Food	9# (6x1.5)	24-8-16	6	9x8x3.5	96	48x40x60	089146900610	20089146900614	10089146900617	864	22 / 19,008#
GF70950	GRO-FINE Acidifier Water Soluble Plant Food	9# (6x1.5)	32-10-10	6	9x8x3.5	96	48x40x60	089146900627	20089146900621	10089146900624	864	22 / 19,008#

*Case Dimensions: 9.5x12x9.

WORLD CLASS FACILITIES

Knox Fertilizer has been helping customers keep their lawns and gardens Green & Growing since 1950. Started by Robert and Georgia Shaw, the company is still owned and operated by their family today. Knox Fertilizer has been in the specialty segment of the plant food business since its inception over 50 years ago. Our products have become recognized as leaders in the industry delivering consistent, high-quality and reliable merchandise. Our main facilities are in northwest Indiana, near Chicago. On the edge of this world trade center, we're ideally positioned to buy the best ingredients at low cost, then manufacture and ship products that provide the utmost in value for our customers. Today, we're ready to meet all current and future market and environmental requirements. We're ready to help you grow your best.

Homeowners need to help their lawns combat dry weather, heat, insects and pests, foot traffic and constant mowing by giving the grass what it needs to thrive — a generous supply of the proper nutrients. Knox Fertilizer offers these superior products with rigid specification standards and quality control. We check our products every step of the way, from incoming raw materials to in-process production to in-depth analytical release protocols. As a result, we guarantee that the products you buy will consistently deliver the performance you expect.

A wide variety of products designed to be better for your turf, and the environment. At Knox, we are committed to making sure our products are not only effective, but also environmentally responsible. This helps you meet local, state and federal regulations, but more importantly, it contributes to the health of the community. This means healthier turf that's actually better for the environment.

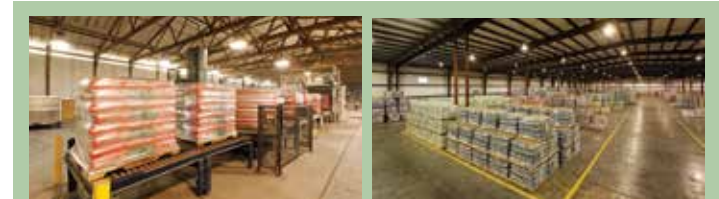


Knox Fertilizer purchases domestic and imported raw materials from terminals and production points across North America. As seen in this aerial view, our massive complex of storage facilities and transportation docks allow us to provide unparalleled service and product.



WHY GO "P-FREE"?

Phosphorus (P) is an essential nutrient for plants and contained in every living plant cell. Phosphorus has a positive effect on turf grass establishment, rooting, and developing a thick, healthy lawn. While (P) is an important nutrient for grasses and other green plants, it is also a nutrient for algae and weeds in our lakes, ponds and streams. Runoff of (P) from over application of phosphate-containing lawn fertilizers can contribute to lake and pond pollution which can result in algae blooms and excessive weed growth. For this reason, many states and municipalities have banned or limited the use of phosphorus containing fertilizers on home lawns. Knox Fertilizer is vested in delivering environmentally responsible and safe products.



Knox maintains over 200,000 square feet of finished product storage equipped with over two dozen loading docks. This resource gives us the ability to be prepared for large volume surges and shipping requirements to meet our customers' seasonal demands. To keep pace with packaging technology, Knox is hard at work advancing and improving our facilities to maintain a consistent quality in stacking and presentation of the products we send into the marketplace.

PROFESSIONAL ICE MELTERS

What Happens When The Snow Starts?

KNOX offers Ice Melter and **REMOVE**® Ice Melter products.

Formulated to de-ice sidewalks, steps, driveways and parking lots. Safe to use and leaves no residue.

Cost efficient and value priced. Contact your Knox Representative for details and pricing.



We appreciate all questions and comments that you might have. To place an order or check on an order's status, Please contact us at: **574.772.6275** or fax us at **574.772.5878**.



The Knox Fertilizer Company, Inc.
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