

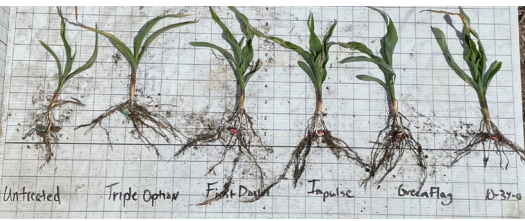
start finish²

A comprehensive liquid fertilizer
system powered by Bio-K[®] to
maximize your crop's potential



2022–2023





About NACHURS®

NACHURS is a liquid fertilizer brand that has revolutionized farming practices since 1946. NACHURS offers high quality precision-placed, seed-safe liquid starters and the latest technologies to maximize crop potential.

Flexible Applications from Start2Finish®

- In-Furrow
- Banded
- Fertigation
- Strip-Till
- Sidedress
- Foliar

7 Production Facilities

- Marion, OH
- Belle Plaine, SK
- Corydon, IN
- Garretson, SD
- New Hamburg, ON
- Red Oak, IA
- St. Gabriel, LA

Liquid Fertilizer Technologies



Contact Us

800.622.4877 x 255
info@nachurs.com

U.S. Headquarters

421 Leader Street
Marion, OH 43302

Social



THE NACHURS WAY...MORE THAN JUST A STARTER...

1. Liquid Starter Opportunities

NACHURS at planting product options have a neutral pH and are lower in both salt index and impurities than traditional product options. NACHURS offers flexible product options for seed placed and banded fertility at planting.

Placement with the seed product options position readily available nutrient, initiating crop establishment, early development and plant vigor. The beside the row option provides many of the same early benefits along with greater nutrient delivery for supporting the future demand of high yielding crops.

NACHURS liquid starters contain 50%–100% of the phosphorus in the orthophosphate form which is immediately available to the plant at the onset of growth.

2. NACHURS Foliar Opportunities

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS foliar fertilizers provide available N-P-K and chelated micronutrients to make a good crop even better or it can supply a deficient, stressed crop the proper nutrients for a quick recovery. NACHURS programs offer the following foliar products: micronutrients, N-P-K fertilizers, and slow release nitrogen products. These products can also be customized and combined to ensure crop success.

3. NACHURS Micronutrients

NACHURS 100% EDTA chelated micronutrients are designed to be combined with NACHURS liquid starters and foliars, allowing the product to be placed directly with the seed at planting time, or on the plant foliage. NACHURS products have a neutral pH and are low in both salt index and impurities. Placement with the seed allows the EDTA chelated micronutrients along with the available phosphorus and potassium to be taken up at the critical early stages of growth to maximize yield potential.

NACHURS EDTA chelated micronutrients are formulated to easily mix with NACHURS fertilizers for foliar feeding, allowing for fast absorption into the plant in a very short period of time. This rapid uptake at critical growth stages promotes plant health and increased yield potential.

NACHURS liquid starters and foliars when mixed with NACHURS EDTA chelated micronutrients are immediately available to the plant during the critical early stages of growth.

NACHURS® In-Furrow Starters: The Basics

Why do farmers use in-furrow starters?

- Starter is essential for quick, more uniform emergence to help set maximum yield potential through precision placement
- Larger root systems
- Improve phosphorus utilization early in the season when environment is not conducive (i.e. cold, wet, low biological activity)
- A soil test is NOT required to use a starter other than for rate determination
- Makes a perfect carrier for other products (i.e. micronutrients, organic acids, biologicals)

Why are NACHURS in-furrow starters the BEST option?

- Seed safe
- Balanced N-P-K orthophosphate/ Bio-K® formulations
- Low salt
- Non-corrosive
- True solution
- Dedicated/supportive staff
- EDTA micronutrients, humic acids, and crop protection products
- Increased efficiency due to placement
- Clean, easy handling solutions
- High solubility
- Neutral pH
- Storability

The NACHURS® Bio-K® Story

THE PROBLEM

An alarming trend of declining potassium levels and lack of availability at key demand times.

THE RESULT

With the combination of higher yields, newer genetics, production practices, reduced tillage, and decreasing potassium levels in your soil, farmers are jeopardizing plant structure, plant health and stress tolerance which negatively affects yield potential, decreases harvest efficiency and profitability.

THE SOLUTION



NACHURS innovative potassium technology Bio-K will address these costly issues. NACHURS Bio-K is a proven technology that is more efficient and readily taken up by the plant better than any other potassium source in the market today.

Farmer Benefits

- Multiple application methods
- Non-corrosive to equipment
- Mixability with crop protection products
- Product flexibility

Crop Benefits

- Seed safe
- Improves nutrient use efficiency
- Improves plant health and stress
- Highest K solubility
- Reduces water loss and wilting
- Increases photosynthesis
- Balanced plant nutrition

NACHURS® Technology Products Overview



NACHURS® Bio-K® is a premium source of potassium fertilizer combined with a natural plant metabolite; the most effective and efficient source of potassium. Using Bio-K® technology results in quicker germination, improved root development, and an elevated abiotic stress tolerance; leading to better plant establishment, more vigorous growth, and higher yields.



NACHURS® Aqua-Tech® is a unique polyamine technology that allows for greater plant productivity through fertigation systems, delivering highly available low-salt nutrients safely and precisely. Offering much flexibility, Aqua-Tech® products can be used in-furrow and foliar on a variety of crops. Aqua-Tech® contains NACHURS® Bio-K® technology which ultimately leads to better plant establishment, more vigorous growth, and higher yields.



NACHURS® Rhyzo-Link® is a Proprietary Plant Growth Promoting Rhizobacteria (PGPR) technology, delivering the highest concentration of multi-strain, pure culture rhizobacteria. This technology ultimately leads to increased soil and plant health benefits resulting in maximum and sustainable yield potential.



Strategic Applied Fertilizer: Reallocation

Maximizing Return on Investment (ROI) begins with prudent use of crop nutrient; placing the most effective form of nutrient at the most impactful site.

Shifting inputs from less effective products to more efficient products positioned where the plant can make better use of the input adds value to both production and spending efficiency.

When considering reallocation, one must position first all the applications that offer the greatest impact on the crop then finish up the nutrient budget with the less effective products such as broadcast dry granule fertilizers.

High impact treatments target periods in growth when nutrient is needed most or for critical activities such as establishment, early vegetation and plant vigor, sound plant structure and reproduction and finally, crop fill and maturation.

NACHURS Start2Finish program is designed to position high performance products during application periods; designed to supply nutrient during critical demand periods.

Generations of America's farmers have used NACHURS liquid fertilizers because it is a quality brand they can trust. NACHURS Bio-K products offer the latest technology advancements farmers need to take their crops to the next level.

start finish2

The NACHURS Bio-K System
for Maximizing Crop Yields

Simple yet effective, profitable yet sustainable, **Start2Finish®** is a comprehensive liquid fertilizer system to maximize your crop's potential.



RIGHT SOURCE

Matches fertilizer type to crop needs.



RIGHT RATE

Matches amount of fertilizer to crop needs.



RIGHT TIME

Makes nutrients available when crops need them.



RIGHT PLACE

Keeps nutrients where crops can use them.

NACHURS Is A 4R Partner: A Concept Of The International Plant Nutrient Institute (IPNI)

✓ **RIGHT SOURCE**

NACHURS Liquid Fertilizers are manufactured with the highest quality raw materials at six locations throughout North America since 1946.

✓ **RIGHT RATE**

Seed safe at recommended rates, NACHURS products have a low salt index and are non-corrosive. Each drop has the exact same ratio or percentage of nutrients.

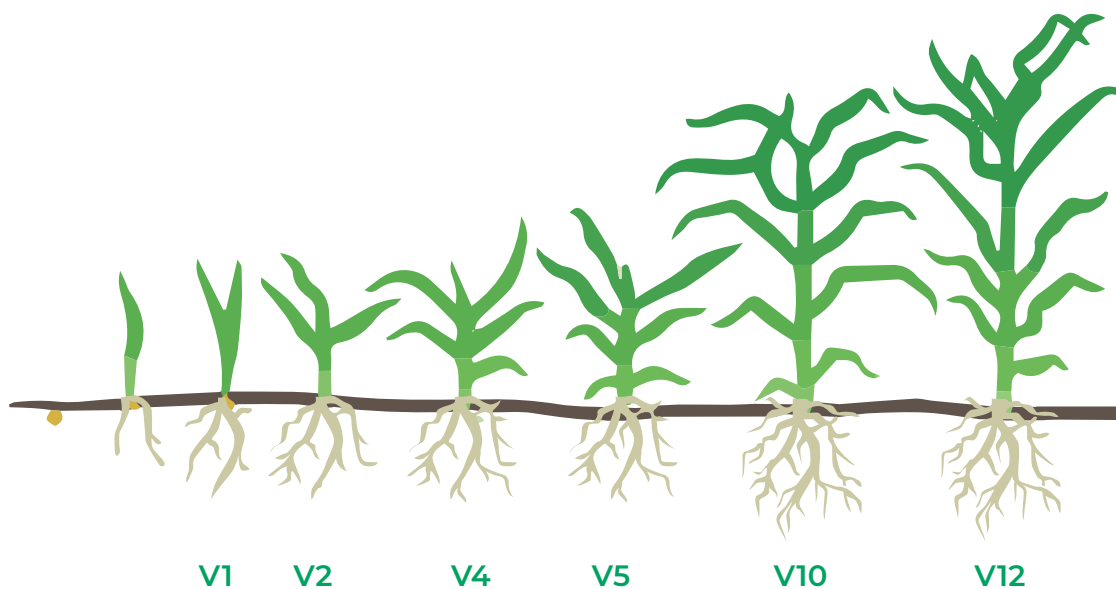
✓ **RIGHT TIME**

NACHURS efficiently delivers nutrients to the growing crop, and mixes well with many pesticides for quicker emergence and superior control in one application.

✓ **RIGHT PLACE**

NACHURS liquid starter fertilizers are safe when placed directly on the seed and will not harm germination. **PROVEN PERFORMER.**

Maximizing Corn Yields



Strip-Till Pre-plant

In-Furrow At Planting

Beside the Row At Planting

Base Strip-Till Program Options:

- NACHURS Throwback® (Up to 20 gpa)
- NACHURS K-Flex® MAX (½–2 gpa with APP/UAN blends)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Humi-flex® MAX (1 qt/ac) (if used with NACHURS Throwback®)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Base In-Furrow Program Options:

- NACHURS First Down® (4–6 gpa)
- NACHURS imPulse® (2–6 gpa)
- NACHURS Triple Option® (2–5 gpa)

Additional Options:

- NACHURS Face Off® (1 qt/ac)
- NACHURS CropMax® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Base Beside the Row Program Options:

- NACHURS Throwback® (Up to 15 gpa)
- NACHURS K-Flex® MAX (½–2 gpa with APP/UAN blends)

Additional Options:

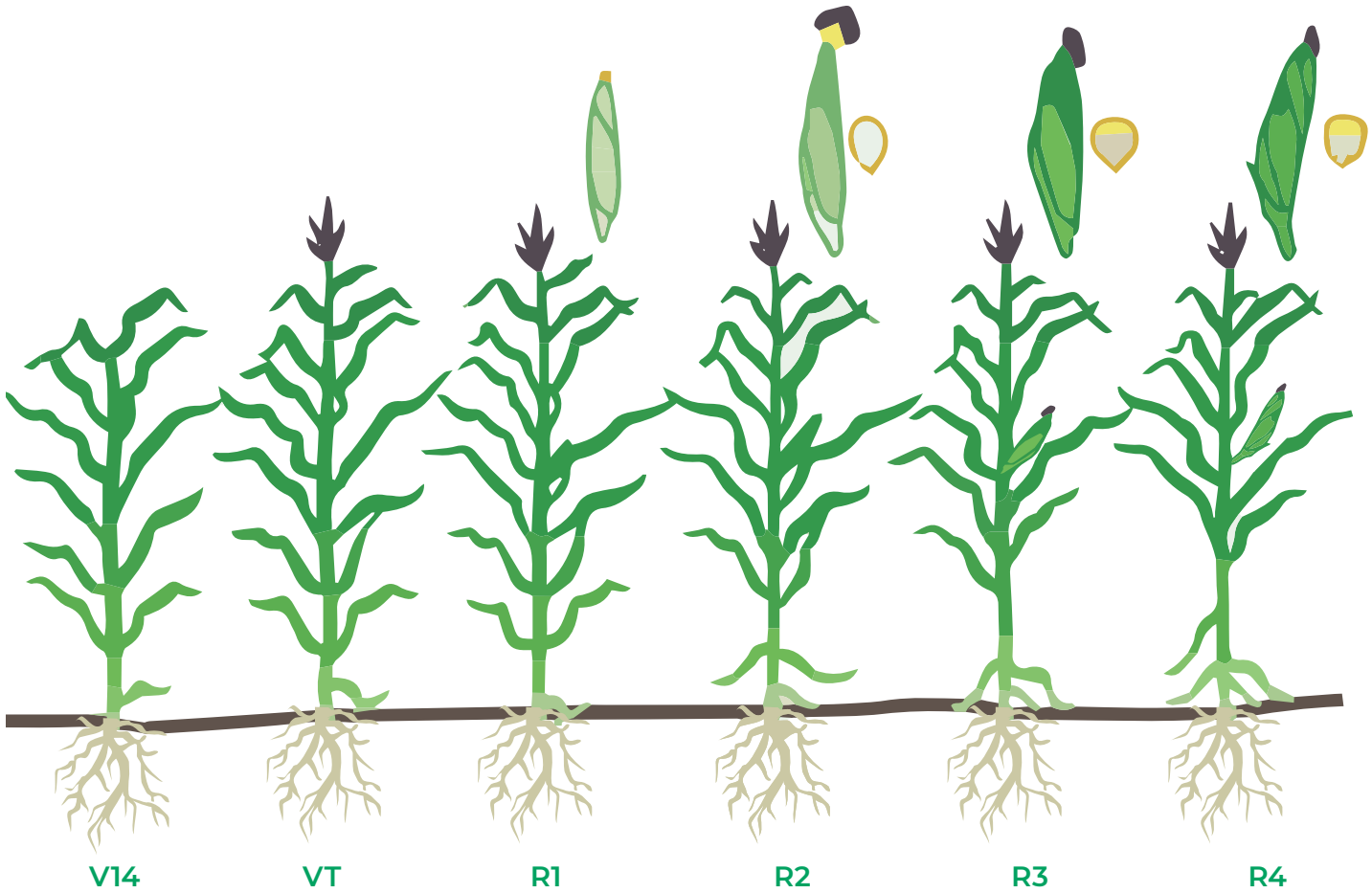
- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

It is always recommended that a jar test be done when adding to other fertilizer or chemicals. Always read and follow the pesticide labels when considering tank mixing pesticides with fertilizer products.

CAUTION WHEN MIXING WITH UAN: The temperature of UAN being below 50°F, use sufficient water to provide thorough mixing of solution. A ratio of 1:1 to NACHURS K-Flex®/K-Flex® MAX is recommended.

*PRODUCTS MAY NOT BE AVAILABLE IN EVERY STATE.



<p>Side-dress V2–V6</p>	<p>Side-dress V10–V14</p>	<p>Base Foliar Early V4–V5/Mid V10–V14 /Late R1–R3</p>	<p>Fertigation V8–R3</p>
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Base Sidedress Program Options:

- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Flex® MAX (1–2 gpa < 20 gpa UAN)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Base Sidedress Program Options:

- NACHURS 10% Boron (1–2 pt/ac)
- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Flex® MAX (1–2 gpa)

Base EARLY Foliar Program Options: (ground)

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

Base MID Foliar Program Options: (ground)

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

Base LATE Foliar Program Options: (aerial or ground)

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

Additional Options:

- NACHURS Sideswipe® (1–2 pt/ac)
- NACHURS Triple Option® (1 gpa)

Base Fertigation Program Options: With Water or UAN

- NACHURS K-Fuel® (2 gpa)
- NACHURS K-Flex® (2 qt–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

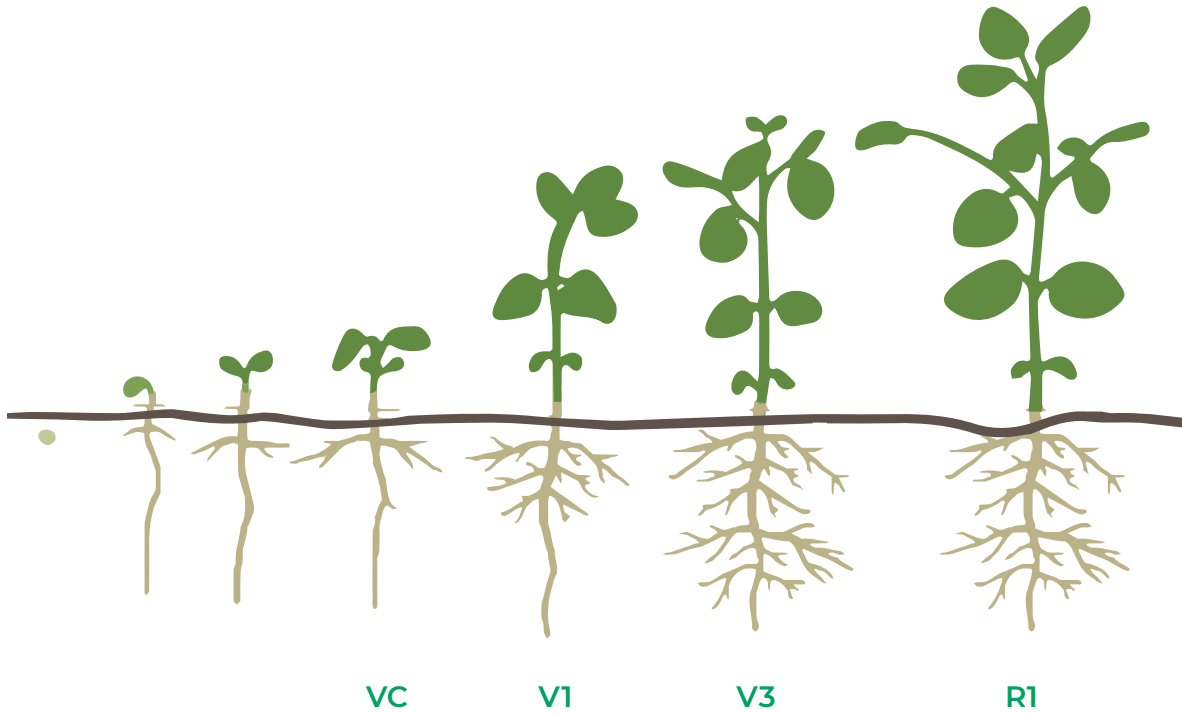
Base Fertigation Program Options: With Water ONLY

- NACHURS Aqua-Tech® 7-20-4® (Up to 2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Soybean Yields



In-Furrow At Planting

Base In-Furrow Program Options: 15" Rows

- NACHURS Triple Option® (3 gpa)
- NACHURS Triple Option® + NACHURS Balance® (1:1 at 3 gpa)

Base In-Furrow Program Options: 30" Rows

- NACHURS Triple Option® (2 gpa)
- NACHURS Triple Option® + NACHURS Balance® (1:1 at 2 gpa)

Additional Options:

- NACHURS CropMax® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Humi-flex® MAX (1 qt/ac)

Early Foliar With Herbicide

Base Early Foliar Program Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

Mid Foliar R1-R3

Base Mid Foliar Program Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

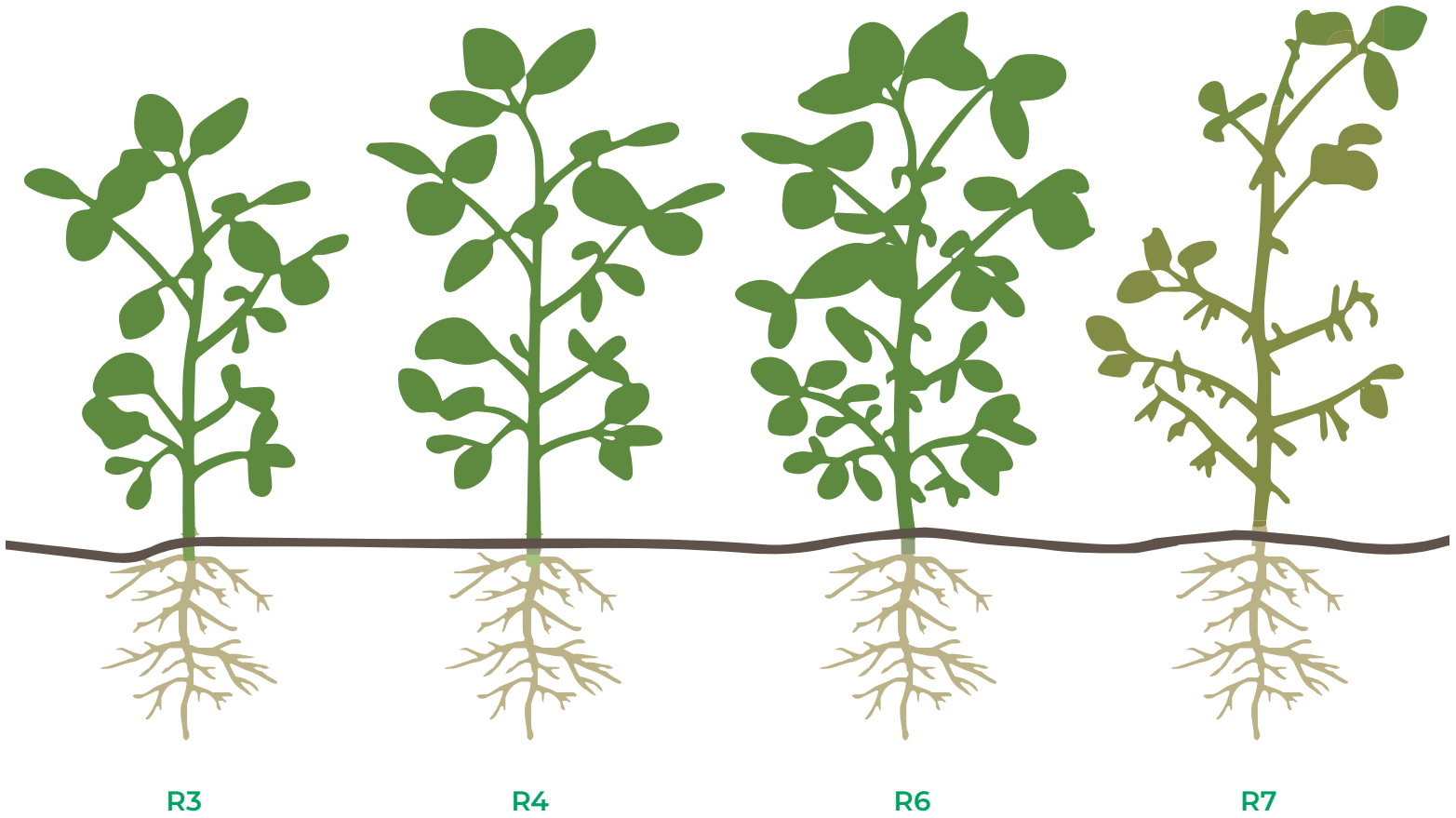
Additional Options:

- NACHURS Triple Option® (1 gpa)
- NACHURS K-Flex® (1 gpa)

Additional application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

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Late Foliar

R4–R5

Base Late Foliar Program Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Fuel® (1 gpa)

Additional Options:

- NACHURS Triple Option® (1 gpa)

Fertigation

R1–R6

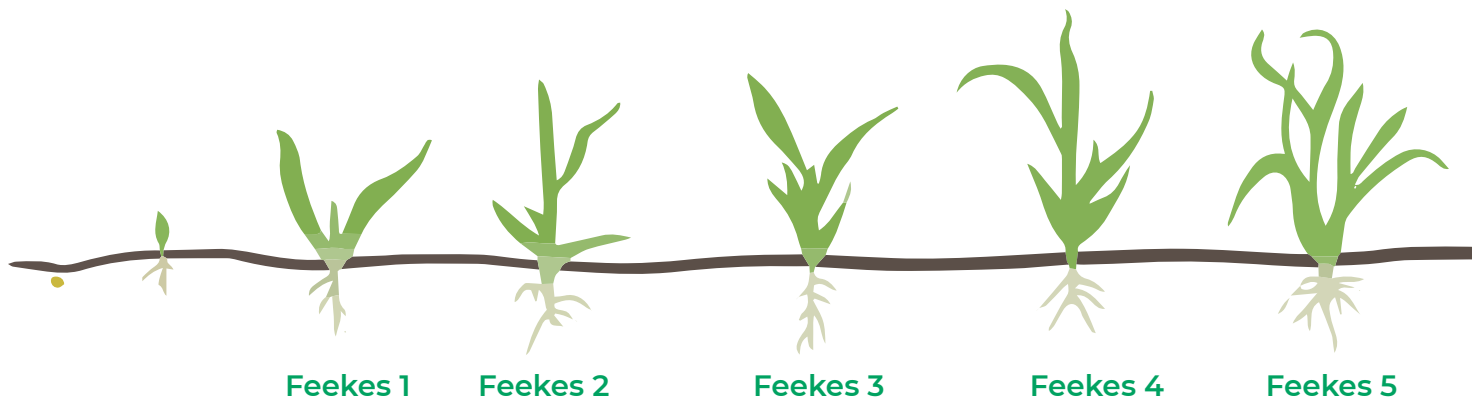
Base Fertigation Program Options:

- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech® 2-0-20® (1–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Wheat Yields



In-Furrow At Planting

Base In-Furrow Program Options:

- NACHURS imPulse® (4–8 gpa)
- NACHURS Triple Option® (4–8 gpa)
- NACHURS Green Flag® (4–8 gpa)

Additional Options:

- NACHURS Face Off® (1 qt/ac)
- NACHURS CropMax® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Top Dress Feekes 2–4

Base Top Dress Program Options:

- NACHURS K-Fuse (2 gpa > 20 gpa UAN)
- NACHURS K-Flex® MAX (1–2 gpa > 20 gpa UAN)
- NACHURS Finish Line® (1 qt/ac)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Early Foliar With Herbicide Feekes 4–6

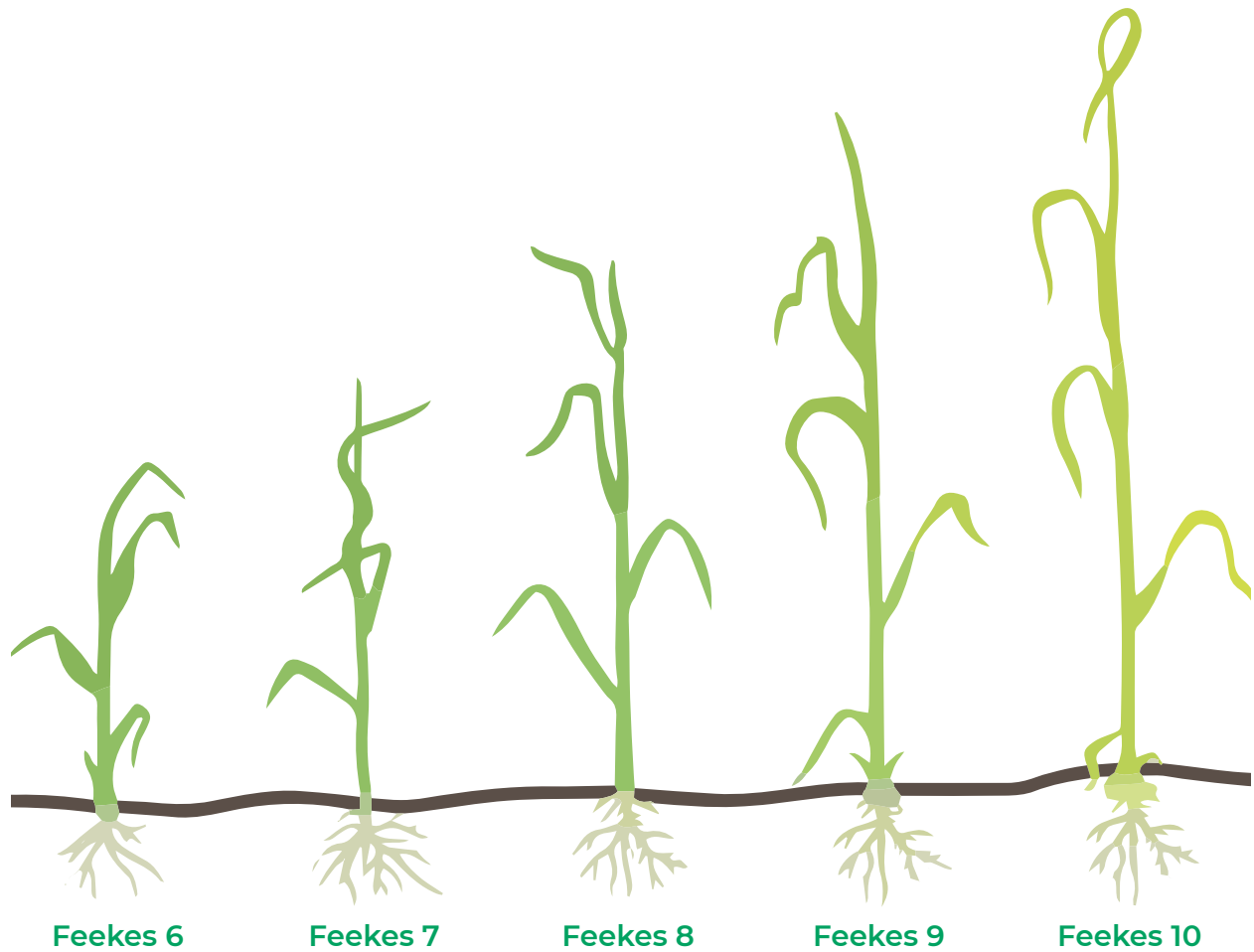
Base Early Foliar Program Options:

- NACHURS K-Fuel® (1 gpa)
- NACHURS Finish Line® (1 qt/ac)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

It is always recommended that a jar test be done when adding to other fertilizer or chemicals. Always read and follow the pesticide labels when considering tank mixing pesticides with fertilizer products. CAUTION WHEN MIXING WITH UAN: The temperature of UAN being below 50°F, use sufficient water to provide thorough mixing of solution. A ratio of 1:1 to NACHURS K-Flex®/K-Flex® MAX is recommended.

*PRODUCTS MAY NOT BE AVAILABLE IN EVERY STATE.



Late Foliar

With Fungicide Feekes 6–9

Base Late Foliar Program Options:

- NACHURS N-Rage® MAX (1 gpa)
- NACHURS Finish Line® (1 qt/ac)

Fertigation

Feekes 4–10

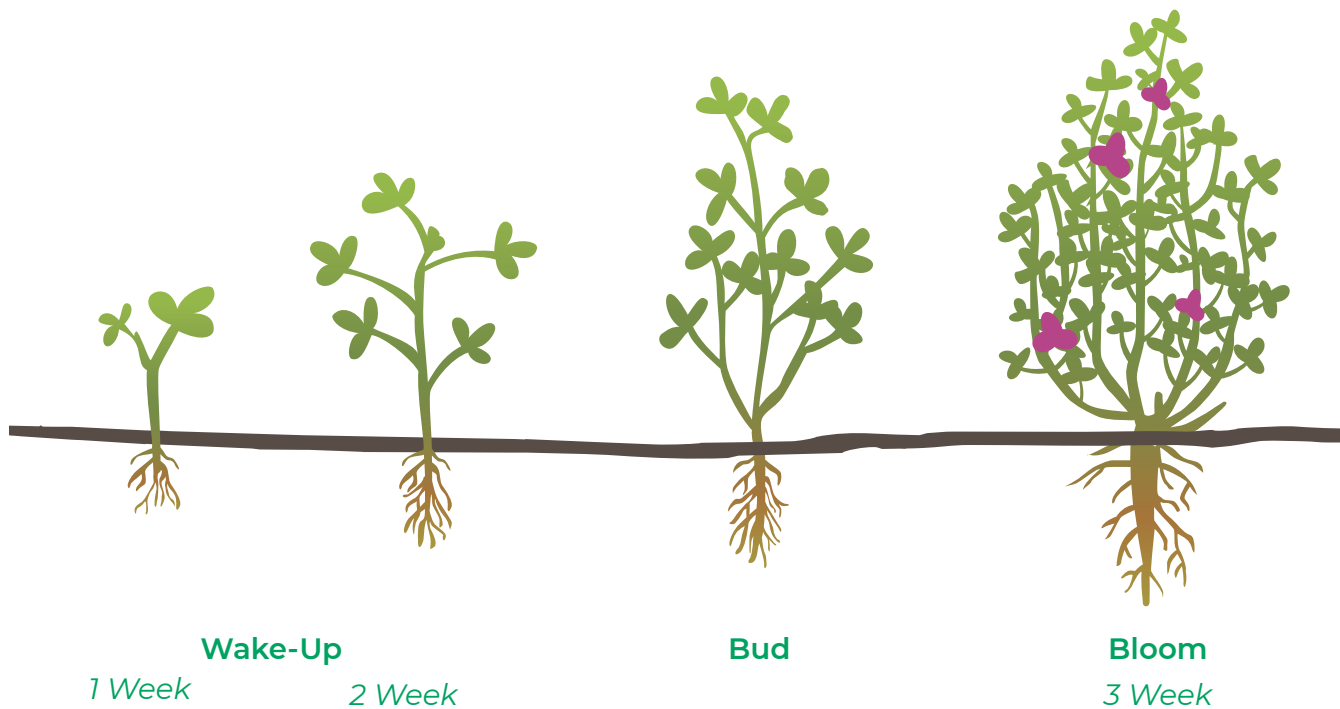
Base Fertigation Program Options:

- NACHURS K-Fuel® (2 gpa)
- NACHURS K-Flex® (2 qt–2 gpa)
- NACHURS Aqua-Tech 7-20-4® (Up to 2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Alfalfa Yields



Wake-Up/Establishment

1-2 Weeks After Break of Dormancy

Base Wake-Up/Establishment Program Options:

- NACHURS Triple Option® (2 gpa)
- NACHURS K-Flex® (1 gpa)

Additional Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Early Foliar

Bud

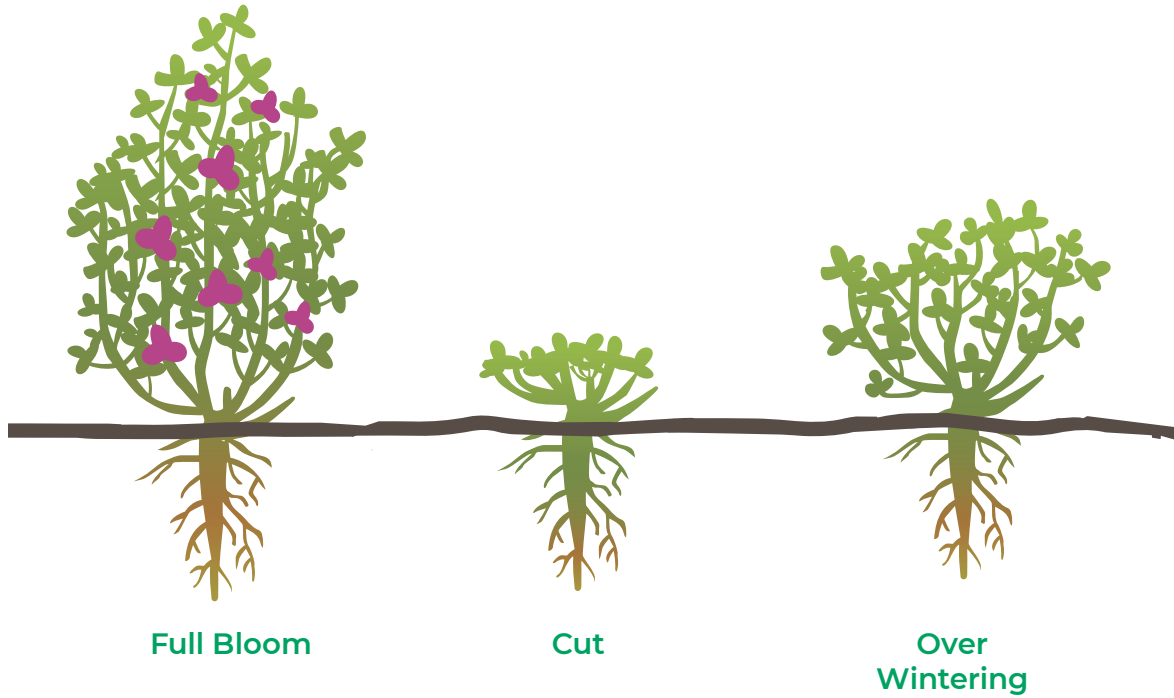
Base Early Foliar Program Options:

- NACHURS Triple Option® (2 gpa)
- NACHURS K-Flex® (1 gpa)

Additional Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS 10% Boron (1–2 pt/ac)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.
 It is always recommended that a jar test be done when adding to other fertilizer or chemicals. Always read and follow the pesticide labels when considering tank mixing pesticides with fertilizer products.
 CAUTION WHEN MIXING WITH UAN: The temperature of UAN being below 50°F, use sufficient water to provide thorough mixing of solution. A ratio of 1:1 to NACHURS K-Flex®/K-Flex® MAX is recommended.
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Full Bloom

Cut

Over Wintering

Late Foliar Initiation of Bloom

Base Late Foliar Program Options:

- NACHURS Triple Option® (2 gpa)
- NACHURS K-Flex® (1 gpa)

Additional Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Sideswipe® (1 qt/ac)
- NACHURS 10% Boron (1–2 pt/ac)

Fertigation Bud to Pre-cut

Base Fertigation Program Options:

- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech® 2-0-20® (1–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Over Wintering 4" Re-growth

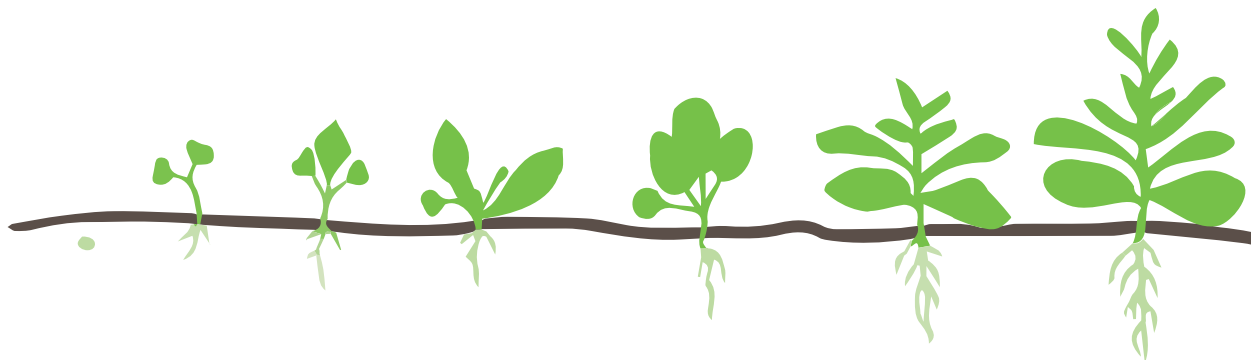
Base Over Wintering Program Options:

- NACHURS Triple Option® (2 gpa)
- NACHURS K-Flex® (1 gpa)

Additional Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Maximizing Canola Yields



Seeding

Cotyledon - Two Leaf

Four - Six Leaf

In-Furrow At Planting

Base In-Furrow Program Options:

- NACHURS Triple Option® (4–8 gpa)
- NACHURS Green Flag® (4–8 gpa)

Additional Options:

- NACHURS K-Flex® (1 gpa)
- NACHURS CropMax®(1–2 pt/ac)

Herbicide

Base Top Dress Program Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Flex® (1 gpa)
- NACHURS K-fuel (1 gpa)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

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Rosette & Bolting

Flowering

Podding & Ripening

Top Dress

Base Late Foliar Program Options:

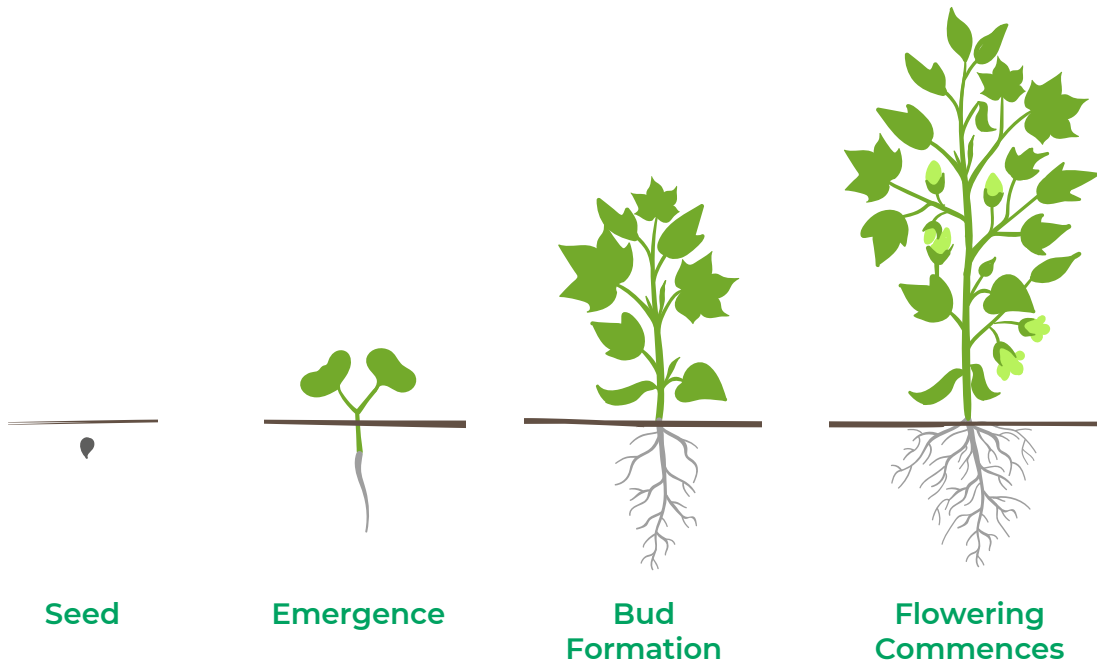
- NACHURS K-Flex® (1 gpa)
- NACHURS® 10% Boron (1 qt/ac)

Flowering

Base Fertigation Program Options:

- NACHURS K-Flex® (1 gpa)
- NACHURS Triple Option® (2–4 gpa)
- NACHURS Finish Line® (1 pt/ac)

Maximizing Cotton Yields



In-Furrow

Base In-Furrow Program Options:

- NACHURS Triple Option® (1½–2 gpa)
- NACHURS K-Fuel® (1–2 gpa) **(TX Only)**

Additional Options:

- NACHURS CropMax® (1 pt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Beside the Row

Base Beside the Row Program Options:

- NACHURS Throwback® (Up to 8 gpa)
- NACHURS K-Flex® MAX (½–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Side-dress Square Formation to Boll Set

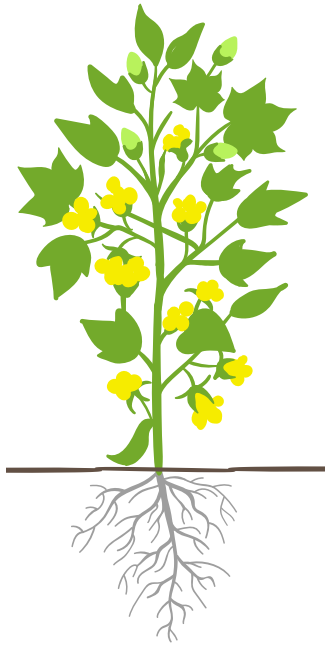
Base Sidedress Program Options:

- NACHURS K-Flex® MAX (2 gpa < 20 gpa UAN)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Sideswipe® (1 qt/ac)

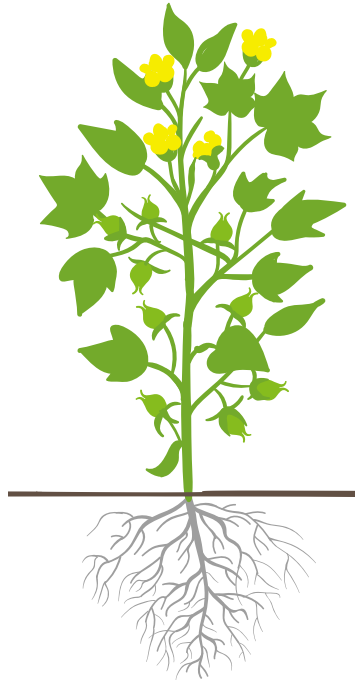
Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

It is always recommended that a jar test be done when adding to other fertilizer or chemicals. Always read and follow the pesticide labels when considering tank mixing pesticides with fertilizer products. CAUTION WHEN MIXING WITH UAN: The temperature of UAN being below 50°F, use sufficient water to provide thorough mixing of solution. A ratio of 1:1 to NACHURS K-Flex®/K-Flex® MAX is recommended.

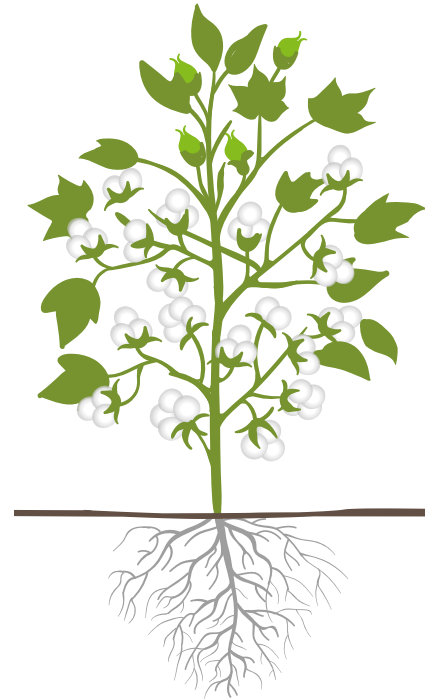
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Bolls Set



Boll Fill



Bolls Open

All Season Foliar Herbicide Application to Boll Fill

Base Herbicide Application to Boll Fill Program Options: With Herbicide/ 2nd week & 4th week of bloom

- NACHURS K-Fuel® (1 gpa beginning at pinhead square and again at 1st bloom or mid-bloom)
- NACHURS Finish Line® (1 qt/ac with herbicide and/or PGR)

Fertigation Square Formation to Boll Fill

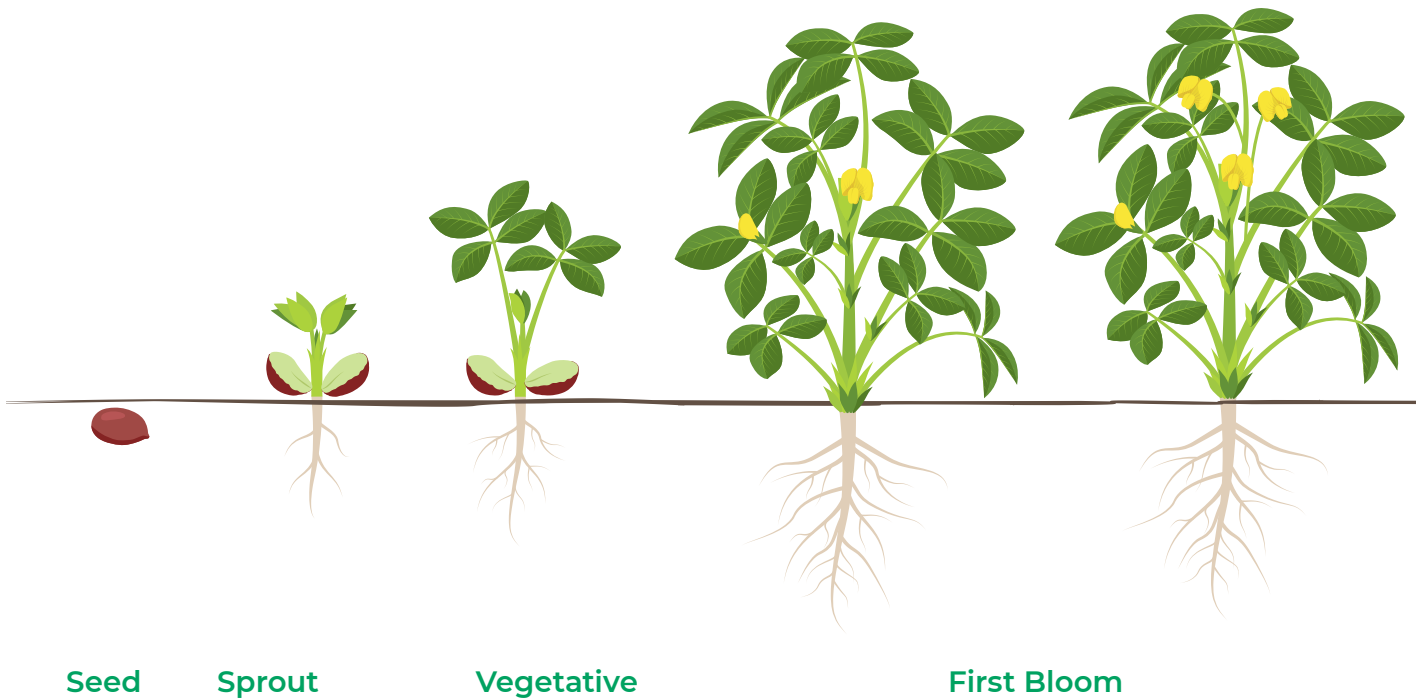
Base Fertigation program

- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech 2-0-20® (1–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Peanut Yields



Foliar 1/2/3

Base Foliar Program Options:

30 Days After Planting w/ Herbicide

- NACHURS Finish Line® (1 qt/ac)

45 Days After Planting w/ Fungicide

- NACHURS Finish Line® (1 pt/ac)

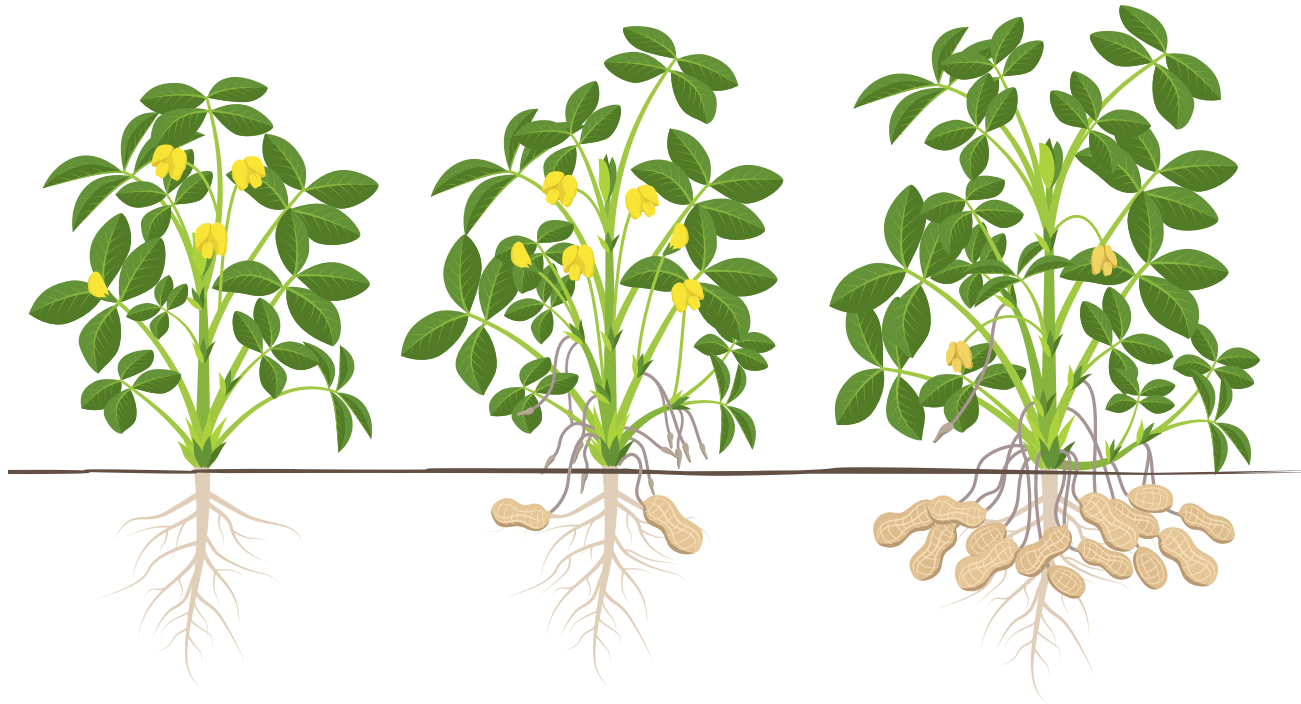
75 Days After Planting w/ Fungicide

- NACHURS Finish Line® (1 pt/ac)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

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Pegging

Full size pod

Mature

Foliar 4/5

Base Foliar Program Options:

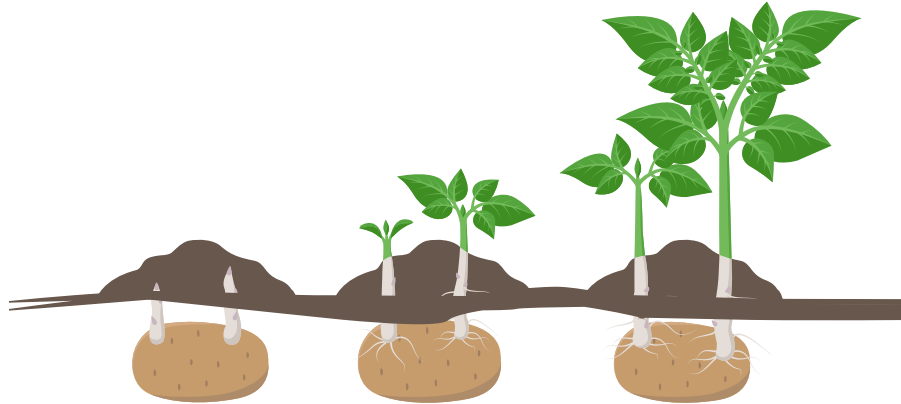
90 Days After Planting w/ Fungicide

- NACHURS K-Fuel® (1 gpa)

110 Days After Planting w/ Fungicide

- NACHURS K-Fuel® (1 gpa)

Maximizing Potato Yields



Seed

Establishment

Stolon
Initiation

In-Furrow

Base In-Furrow Program Options:

- NACHURS Green Flag® (6–10 gpa)
- NACHURS 6-24-6 (6–10 gpa)

Additional Options:

- NACHURS K-Fuel® (1–2 gpa)
- NACHURS CropMax® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Humi-flex® MAX (2 qt/ac)
- NACHURS Rhyzo-Link® PE (1–2 pt/ac)

Foliar

Stolon Initiation Through Bulking

Base Foliar Program Options:

35 Days After Emergence For Chipping/Red Skin Varieties

- NACHURS K-Fuel® (2 gpa)
- NACHURS Finish Line® (1 qt/ac)

45 Days After Emergence For Fresh Pack/Russet Varieties

- NACHURS K-Fuel® (2 gpa)
- NACHURS Finish Line® (1 qt/ac)

Hilling

Base Hilling Program Options:

- NACHURS K-Flex® MAX (1–2 gpa)
- NACHURS K-Fuse (3–5 gpa)

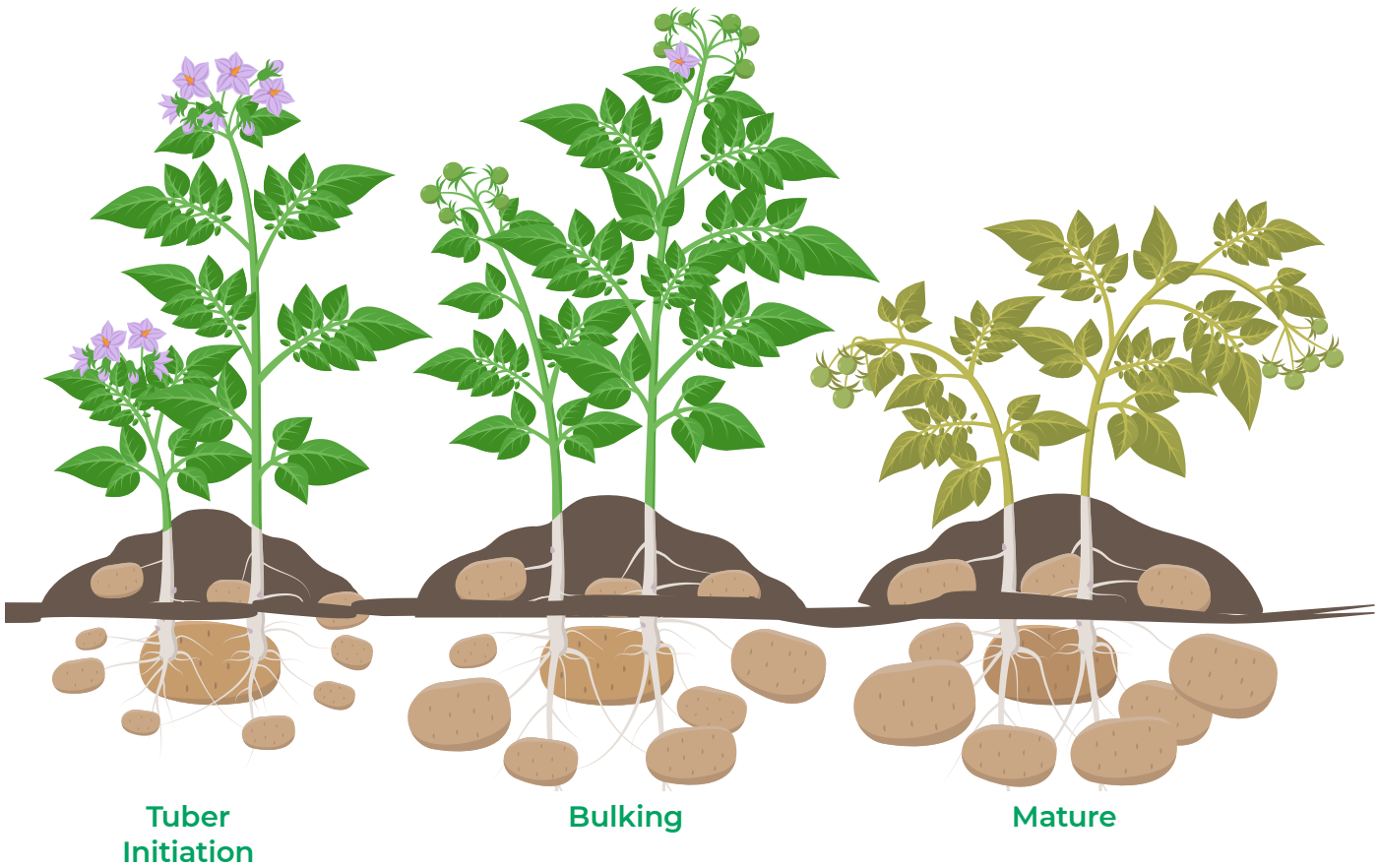
Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Addition application rates are optional. Consult your NACHURS Sale Representative or Agronomist.

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*PRODUCTS MAY NOT BE AVAILABLE IN EVERY STATE.



Foliar P
Tuber Initiation Through Bulking
Every 7 Days, 3–5 Applications

Base Foliar Program Options:

- NACHURS imPulse® (2 gpa)
- NACHURS First Down® (2 gpa)
- NACHURS Green Flag® (2 gpa)

Fertigation
Tuber Initiation Through Bulking

Base Hilling Program Options:

- NACHURS K-Flex® (2 qt–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech® 7-20-4® (1–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Sugar Beets



Germination

Leaf Development

Rosette Growth

In-Furrow At Planting

Leaf Development

Rosette Growth

Base In-Furrow Program Options:

- NACHURS First Down® (2–3 gpa)
- NACHURS Green Flag® (2–3 gpa)
- NACHURS Triple Option® (2–3 gpa)

Additional Options:

- NACHURS CropMax® (1 pt/ac)
- NACHURS® 3% Ca (1 pt/ac)
- NACHURS Humi-Flex® Max (1 qt/ac)
- NACHURS Rhyzo-Link PE® (1 pt/ac)

Early Foliar Program Options:

- NACHURS First Down® (1–3 gpa)
- NACHURS Triple Option® (1–3 gpa)
- NACHURS Balance® (1 gpa)
- NACHURS Finish Line® (1 qt/ac)

Additional Options:

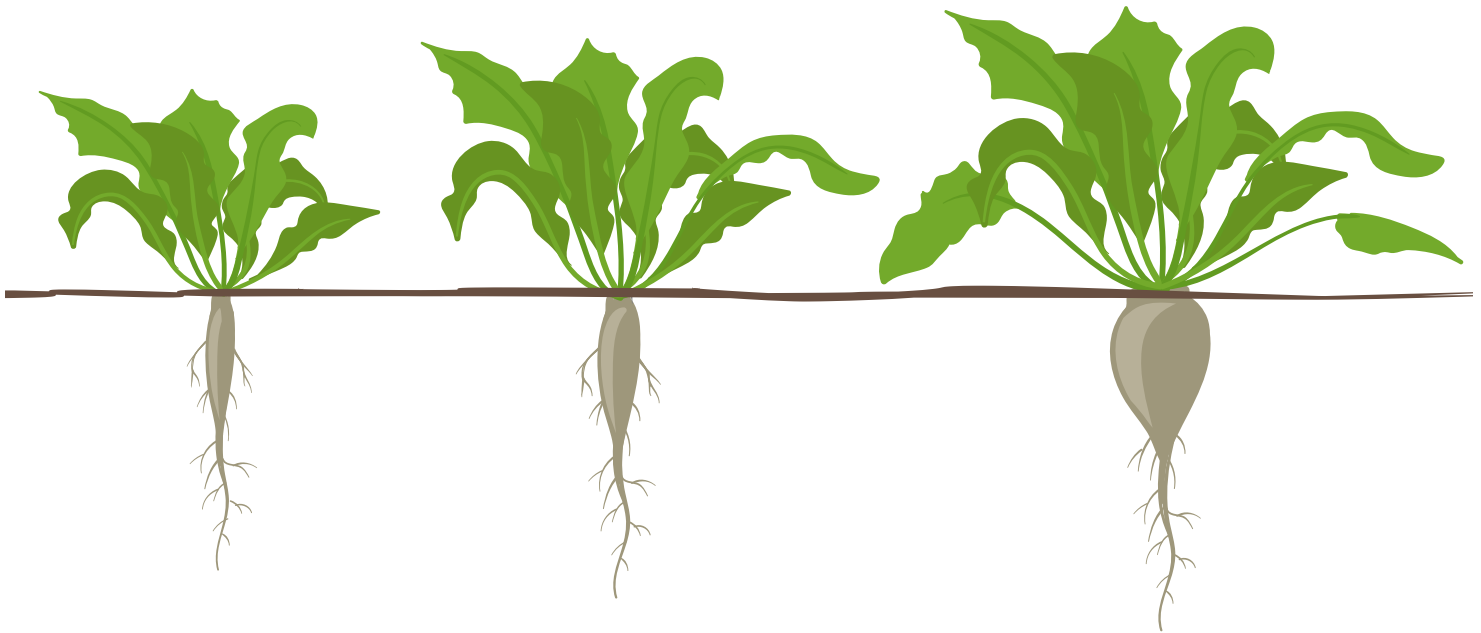
- NACHURS® 3% Ca (1 pt/ac)
- NACHURS® 2.5% Mg EDTA (1 pt/ac)
- NACHURS Humi-Flex® Max (1 pt/ac)

Mid-Foliar Program Options:

- NACHURS N-Rage Max® (1–3 gpa)
- NACHURS Finish Line® (1 qt/ac)
- NACHURS Balance® (1 gpa)

Additional Options:

- NACHURS® 3% Ca (1 pt/ac)
- NACHURS® 2.5% Mg EDTA (1 pt/ac)
- NACHURS Humi-Flex® Max (1 pt/ac)



Development of Beet Root

Flowering

Podding & Ripening

Development of Beet Root

Base Late Foliar Program Options:

- NACHURS K-Fuel® (1–2 gpa)

Additional Options:

- NACHURS Humi-Flex® Max (1 pt/ac)

Flowering

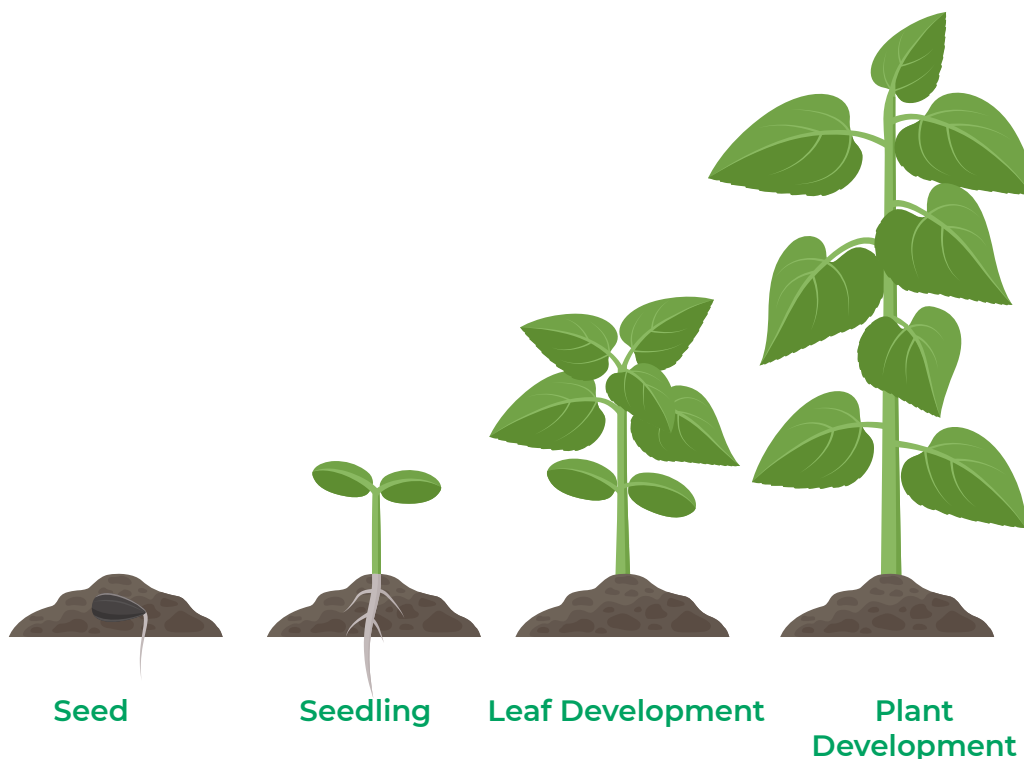
Base Late Foliar Program Options:

- NACHURS K-Fuel® (1–2 gpa)
- NACHURS K-Flex® (1–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Maximizing Sunflower Yields



In-Furrow

Base In-Furrow Program Options: 30" Rows

- NACHURS Triple Option® (5 gpa)

Additional Options:

- NACHURS CropMax® (1 qt/ac)
- NACHURS Face Off® (1 qt/ac)
- NACHURS Humi-flex® MAX (1 qt/ac)

Early Foliar

Seedling to Leaf Development

Base Early Foliar Program Options:

- NACHURS Finish Line® (1–2qt/ac)

Additional Options:

- NACHURS K-Fuel® (1 gpa)

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Bud Development

Open Flower for
Pollination

Seed
Development

Late Foliar

Leaf Development to Bud Development

Base Late Foliar Program Options:

- NACHURS K-Flex® (1 gpa)
- NACHURS K- Fuel® (1–2 gpa)

Additional Options:

- NACHURS Finish Line® (1 qt/ac)

Fertigation

Leaf Development to Open Flower

Base Fertigation Program Options:

- NACHURS K-Fuel® (2 gpa)
- NACHURS K-Flex® (2 qt–2 gpa)
- NACHURS Aqua-Tech® 7-20-4 (Up to 2 gpa)
- NACHURS Sideswipe® (1 qt/ac)

NACHURS® Product Reference

Start2Finish® Products	Nutrition	PRS
<p>NACHURS Balance® Powered by Bio-K® • Balanced NPK containing boron, cobalt, and molybdenum</p>	Boron, Cobalt, Molybdenum, Nitrogen, Phosphorus, Potassium	
<p>NACHURS Finish Line® Powered by Bio-K • Unique micronutrient enriched premium foliar fertilizer • Contains proprietary organic acids, compatibility agents and higher level of micronutrients • Provides a significant return on investment when used on all crops</p>	Boron, Copper, Manganese, Nitrogen, Phosphorus, Potassium, Zinc Fulvic Acid	
<p>NACHURS First Down® Powered by Bio-K • Low salt, 100% orthophosphate specifically designed for corn and wheat • Quick and uniform plant emergence, ultimately results in maximizing yield potential</p>	Nitrogen, Phosphorus, Potassium	
<p>NACHURS Green Flag® Powered by Bio-K • Premium green, high orthophosphate liquid in-furrow fertilizer • Formulated specifically for potato and wheat crops to maximize yield potential</p>	Nitrogen, Phosphorus, Potassium	
<p>NACHURS imPulse® Powered by Bio-K • Provides corn and wheat growers quick and uniform plant emergence • Improved early season plant health • Ultimately results in maximizing yield potential</p>	Nitrogen, Phosphorus, Potassium	
<p>NACHURS K-Flex® Powered by Bio-K • Most versatile Bio-K technology product available • Compatible with 10-34-0, UAN, and liquid urea • Allows applications of K & S during critical growth stages maximizing yield potential</p>	Potassium, Sulfur	
<p>NACHURS K-Flex® MAX Powered by Bio-K • Offers all of the advantages that K-Flex® has with added benefits coming from Humi-flex® MAX • A heavy humic that shares features and benefits of Bio-K • Improves the efficiency of nitrogen solutions by providing Bio-K, sulfur, and humic acid</p>	Potassium, Sulfur Humic Acid	
<p>NACHURS K-Fuel® Powered by Bio-K • Highest concentration of Bio-K technology in the industry • Contains a versatile source of K for growers requiring higher K levels • Allows applications of K during critical growth stages, maximizing yield potential</p>	Potassium	
<p>NACHURS K-Fuse Powered by Bio-K • Specially formulated to be blended with UAN • Allows for more K and S to be supplied per acre with UAN • Maximizes yield potential</p>	Nitrogen, Potassium, Sulfur	
<p>NACHURS N-Rage® MAX Powered by Bio-K • A premium slow release nitrogen fertilizer • Complete NPK fertilizer containing the highest percentage of SRN • Takes crops with excellent potential to the next yield level</p>	Nitrogen, Potassium, Sulfur	

	Nutrition	PRS
<p>NACHURS Throwback® Powered by Bio-K</p> <ul style="list-style-type: none"> Ortho/Poly blend allows compatibility with UAN and other crop nutrition forms. This product is an improved alternative to “bio charging” 10-34-0, having more Bio-K, more orthophosphate, more sulfur, and a higher quality This product is NOT seed safe 	Nitrogen, Phosphorus, Potassium, Sulfur	
<p>NACHURS Triple Option® Powered by Bio-K</p> <ul style="list-style-type: none"> Premium NPK fertilizer Also contains S Versatile in-furrow or foliar nutrition offering crop growers rapid nutrient uptake 	Nitrogen, Phosphorus, Potassium, Sulfur	

Micronutrients

<p>NACHURS CropMax®</p> <ul style="list-style-type: none"> A premium blend of micronutrients designed for soil application at planting, seeding, or sidedress Contains 100% EDTA chelated nutrients which prevents tie up with the soil and with other nutrients Designed to be used on a wide range of crops 	Boron, Copper, Iron, Manganese, Molybdenum, Zinc	
<p>NACHURS Face Off®</p> <ul style="list-style-type: none"> This is a new micro pack formulated with seed safety in mind. It offers a micro-pack plus Humi-flex FA that stimulates and promotes early root development when seed applied and overall plant development when foliar applied 	Copper, Manganese, Molybdenum, Zinc Fulvic Acid	
<p>NACHURS Sideswipe®</p> <ul style="list-style-type: none"> This product is designed to maximize nutrient placement into strip-till, beside the row, and with UAN in sidedress applications. This product fits many of the progressive treatment options today’s production This product is NOT seed safe 	Boron, Copper, Iron, Manganese, Zinc	

Special Use

<p>NACHURS Aqua-Tech® 7-20-4 Powered by Bio-K</p> <ul style="list-style-type: none"> Contains polyamine acid-based compatibility agent which protects phosphate molecules from combining with elements (i.e. calcium, magnesium, etc.) contained in hard water sources, thus preventing the formation of insoluble, scale forming precipitates 	Nitrogen, Phosphorus, Potassium	
<p>NACHURS Aqua-Tech® 2-0-20 Powered by Bio-K</p> <ul style="list-style-type: none"> Nutritional product for use in drip irrigation and/or foliar applications where potassium, sulfur, and/or micronutrients are required. 	Boron, Nitrogen, Potassium, Sulfur, Zinc	
<p>NACHURS Humi-flex® MAX</p> <ul style="list-style-type: none"> Soil and fertility catalyst designed to improve soil health and maximize utilization of nutrients Contains humic acid, which is processed using proprietary technology Designed to be used on a wide range of crops 	Humic Acid	
<p>NACHURS Humi-flex® FA</p> <ul style="list-style-type: none"> Designed to stimulate and promote early root development when seed applied and overall plant development when foliar applied. 	Fulvic Acid	

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Introducing

 **ADVANCED
ADJUVANTS[®]**
BY NACHURS ALPINE SOLUTIONS

The newest products from
Nachurs Alpine Solutions
to enhance yields of
North American Farmers.

Why choose Advanced Adjuvants?

With Advanced Adjuvants you can expect that same dedication to quality, integrity and innovation you experience with NACHURS.

- Commitment to service, quality, and value
- Proven line of high-performance products

Our Line of Adjuvants

- Kovar Fortitude SR™ – A proprietary adjuvant for soil residual herbicides
- Kovar Force VR™ – A multifunctional adjuvant with an industry leading volatility reducing agent
- Kovar Exalt HSO™ – A High Surfactant Oil Concentrate
- Kovar Condition CS™ – A Non-AMS water conditioner (AMADS)
- Kovar Ampio DR™ – A proprietary adjuvant for drift reduction
- Kovar Flair NS™ – A proven nonionic surfactant

**For more information, contact:
Matt Cimino, Sales Manager**

ph: 512-450-8090
mcimino@nachurs.com
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Premium Liquid Fertilizers Since 1946

In-furrow Starters • Side-dress
Additives • Foliar Nutrition
Fertigation • Micronutrients

start finish²

NACHURS[®]



Always the innovator, never the imitator.[®]

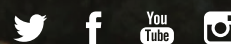
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