

start finish²

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



2025–2026

NACHURS[®]







Table of Contents

Corn	8
Soybean	12
Wheat	16
Alfalfa	18
Canola	20
Cotton	22
Peanut	24
Potato	26
Sugar Beet	30
NACHURS® Product Reference	32

About NACHURS®

NACHURS® is a liquid fertilizer brand that has revolutionized farming practices since 1946. Offering high quality precision-placed, seed-safe liquid starters and the latest technologies for maximum and sustainable yield potential.

With seven manufacturing locations across North America, NACHURS® is well positioned to service the growing market and help growers maximize their crop's potential.

Patented Technology Overview



Premium source of potassium fertilizer combined with a natural plant metabolite; the most effective and efficient source of potassium. Leading to quicker germination, improved root development, and an elevated abiotic stress tolerance.

NACHURS® Rhyzo-Link® is a Proprietary Plant Growth Promoting Rhizobacteria (PGPR) technology, delivering the highest concentration of multi-strain, pure culture rhizobacteria.



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.

NACHURS Enduro-Shield technology is a purified high quality, marine macroalgae extract product obtained from *Ascophyllum nodosum* with gene expression, growth promotant, and stress mitigation properties.



Contact Us
800.622.4877 x 255
info@nachurs.com

U.S. Headquarters
421 Leader Street
Marion, OH 43302



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

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.

NACHURS Foliar Opportunities

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS foliar fertilizers provide available nutrients 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: N-P-K fertilizers, micronutrients, slow release nitrogen, and nutrient enhancement products. These products can also be customized and combined to ensure crop success.

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 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 (especially when combined with Bio-K[®]) 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® 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.

Grower 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

Scan the QR code to learn more about NACHURS® Bio-K®!



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

Strategic Applied Fertilizer: Reallocation

Maximizing Return on Investment (ROI) begins with prudent use of crop nutrients; 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 first position all the applications that offer the greatest impact on the crop (i.e. in-furrow, foliar, sidedress) then finish up the nutrient budget with the less effective products such as broadcast dry granule fertilizers.

High impact treatments target Periods of Influence when nutrients are needed most for critical activities such as stand establishment, early vegetation and plant vigor, sound plant structure, stress mitigation, and reproductive efficiency and finally, grain 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.



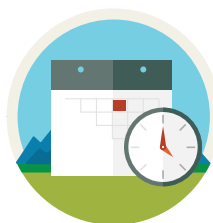
RIGHT SOURCE

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.

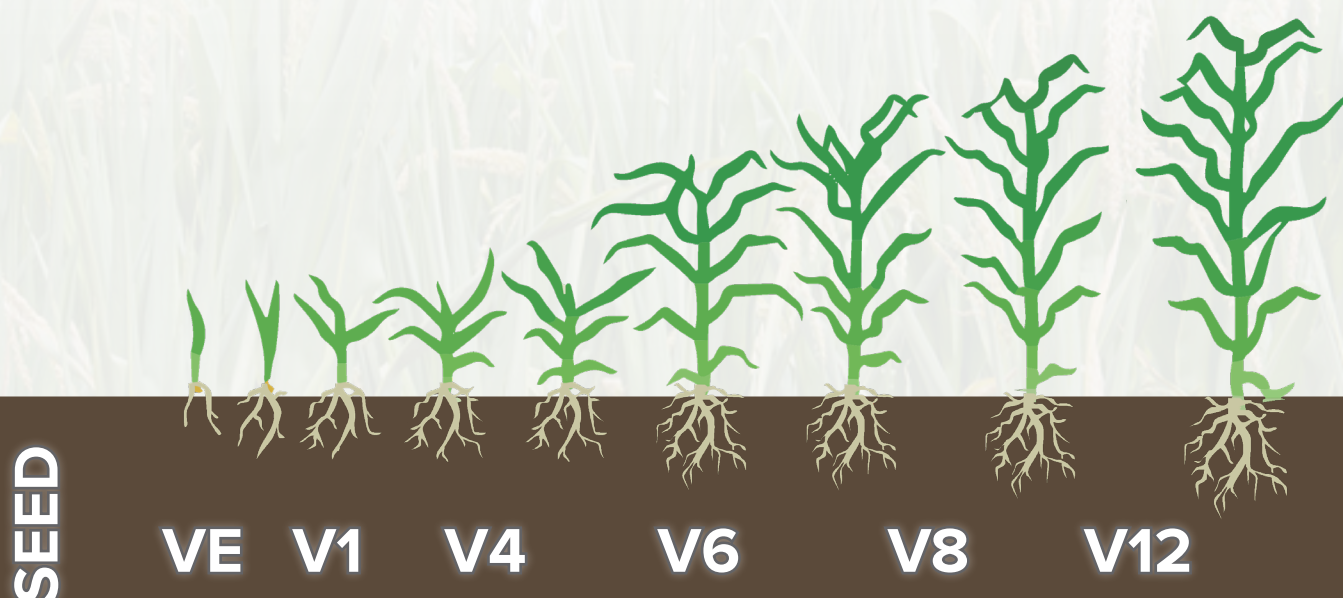
✓ RIGHT TIME

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

Base Strip-Till Program Options:

- NACHURS K-Flex® MAX (½–2 gpa with APP/UAN blends)
- NACHURS K-Flex® (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 K-Flex®)
- NACHURS Rhyzo-Link® PE (1 pt/ac)

In-Furrow At Planting

Base In-Furrow Program Options:

- NACHURS First Down® (3–6 gpa)
- NACHURS imPulse® (3–6 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 pt/ac)
- NACHURS Humi-flex® FA (1 pt/ac)

Beside the Row At Planting

Base Beside the Row Program Options:

- NACHURS Throwback® (Up to 15 gpa)
- NACHURS K-Flex® MAX (½–2 gpa with APP/UAN blends)
- NACHURS K-Flex® (½–2 gpa with APP/UAN blends)
- NACHURS Green Flag® (3–6 gpa)

Additional Options:

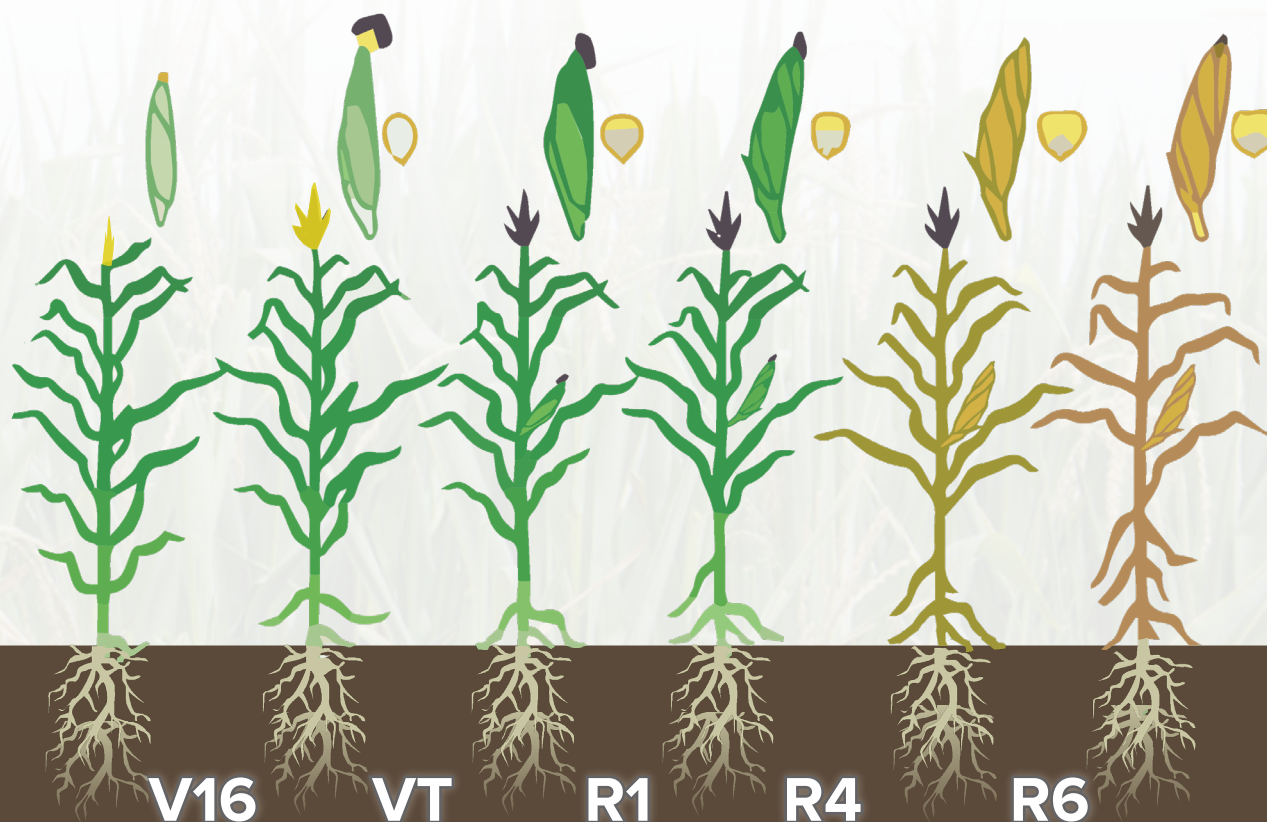
- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1 pt/ac)
- NACHURS Humi-flex® MAX (1 qt/ac) (if used with NACHURS K-Flex®)

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.



Side-dress V2–V6

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)

Side-dress V10–V14

Base Sidedress Program Options:

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

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

Base Foliar Early V4–V5/Mid V10–V14 /Late R1–R3

Base EARLY Foliar Program Options: (ground)

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

Base MID Foliar Program Options: (ground)

- NACHURS Finish Line® (1 qt/ac)
- NACHURS K-Flex® (1 gpa)
- NACHURS MoneyBall™ (1.5 pt/ac)

Base LATE Foliar Program Options: (aerial or ground)

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

Additional Options:

- NACHURS Sideswipe® (1–2 pt/ac)
- NACHURS Triple Option® (1 gpa)
- NACHURS MoneyBall™ (1.5pt/ac)

Fertigation V8–R3

Base Fertigation Program Options: With Water or UAN

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

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)

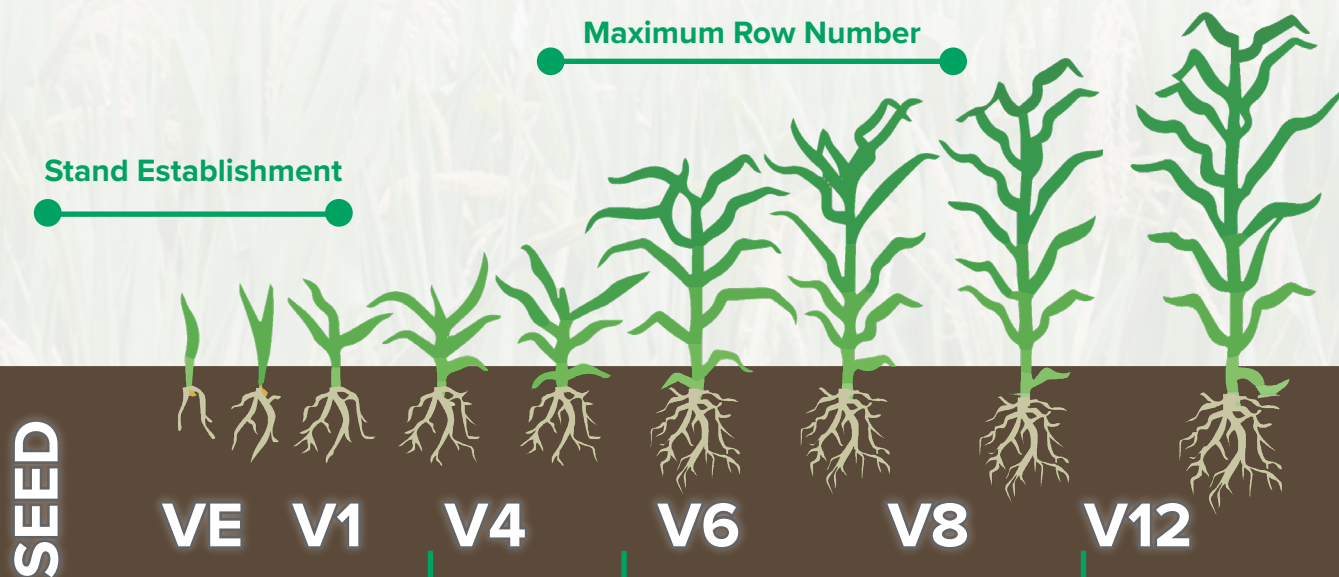
Base Fertigation Program Options: With Water ONLY

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

Additional Options:

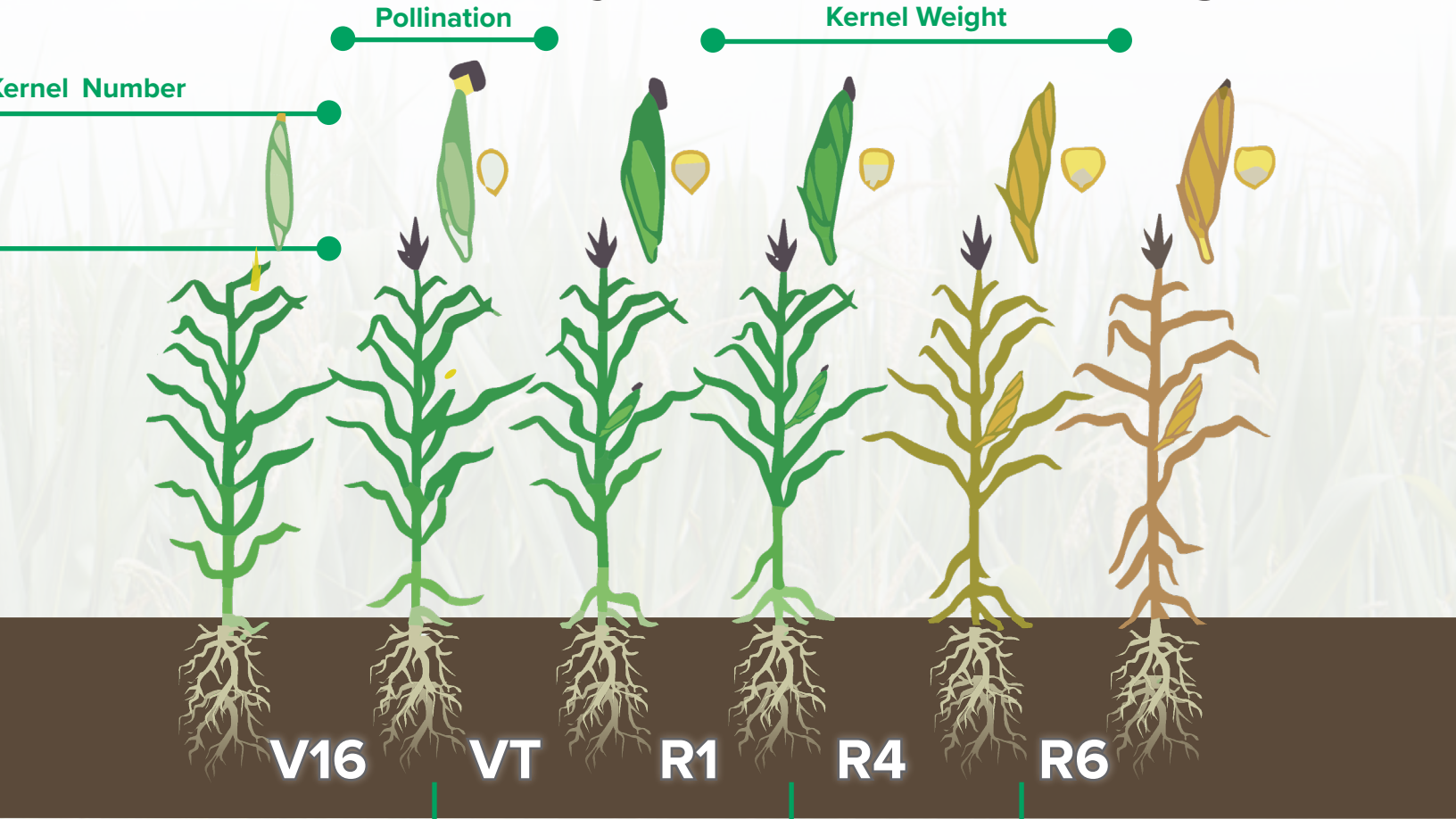
- NACHURS Sideswipe® (1 qt/ac)

Root Development



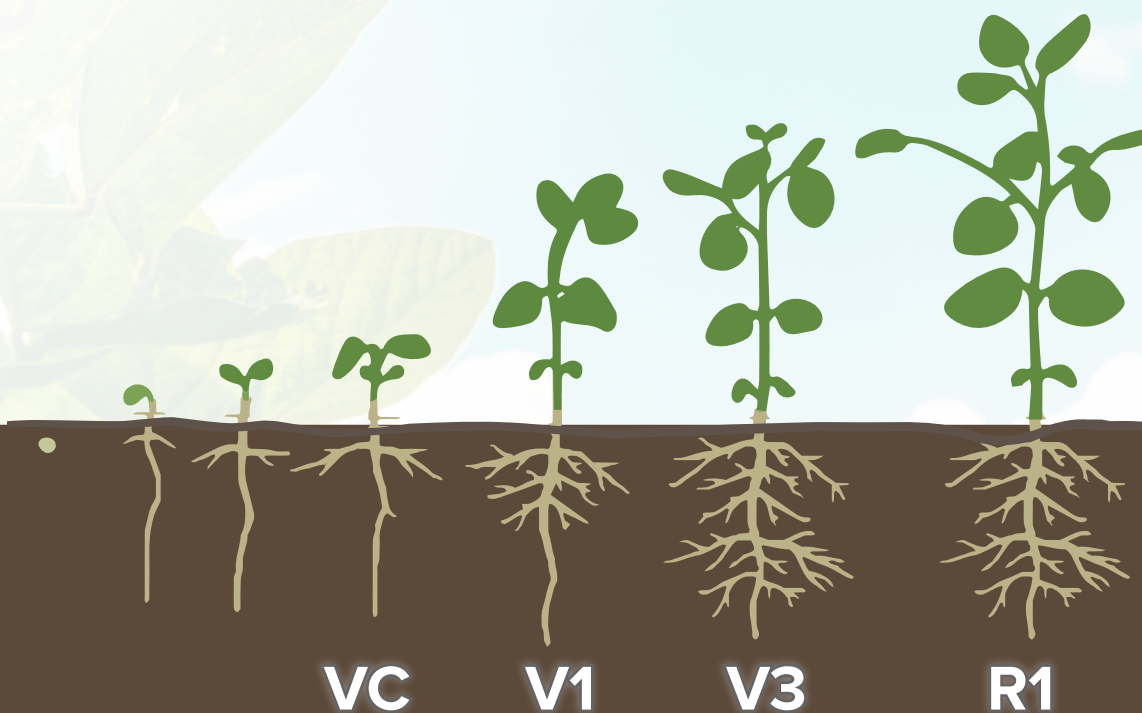
	V2	V4	V6	V8	V12	V16
GDU	75	275	425	625	900	1,150
DAE	12	22	36	45	54	64
3 Week Intervals	22 Days		23 Days		21 Days	
%DM	0.25	0.75	2	2	15	10
%H₂O	1	2	6	8	8	10
%N	3	3	8	12	23	12
%P	2	3	4	8	14	10
%K	2	3	8	13	21	16
%Ca	1	2	5	6	9	11
%Mg	1	4	7	11	16	12
%S	1	3	5	11	12	9
%B	1	1	2	8	22	24
%Cu	2	5	8	14	12	6
%Fe	7	18	13	10	9	7
%Mn	3	7	13	21	14	11
%Zn	1	2	2	4	19	20

Nutrient Uptake by Corn Growth Stage



V18	VT/R1	R2	R4	R5	R5.75	R6
1,250	1,300	1,550	1,850	2,100	2,405	2,600
69	79	84	93	100	115	120
20 Days			21 Days		19 Days	11 Days
3	2	10	25	4	13	5
6	12	6	10	9	18	4
9	5	6	6	5	5	3
6	4	7	14	11	10	7
11	8	6	4	4	2	2
13	15	19	9	6	4	0
5	4	5	12	17	4	2
5	6	12	14	9	8	5
8	2	11	16	4	1	0
4	2	7	18	10	8	4
6	5	12	6	4	2	1
8	6	6	5	3	2	1
4	2	3	13	20	6	4

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® FA (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1 pt/ac)

Early Foliar With Herbicide

Base Early Foliar Program Options:

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

Y-drop Application Pre-bloom >20" rows

Base Y-drop Application Program Options:

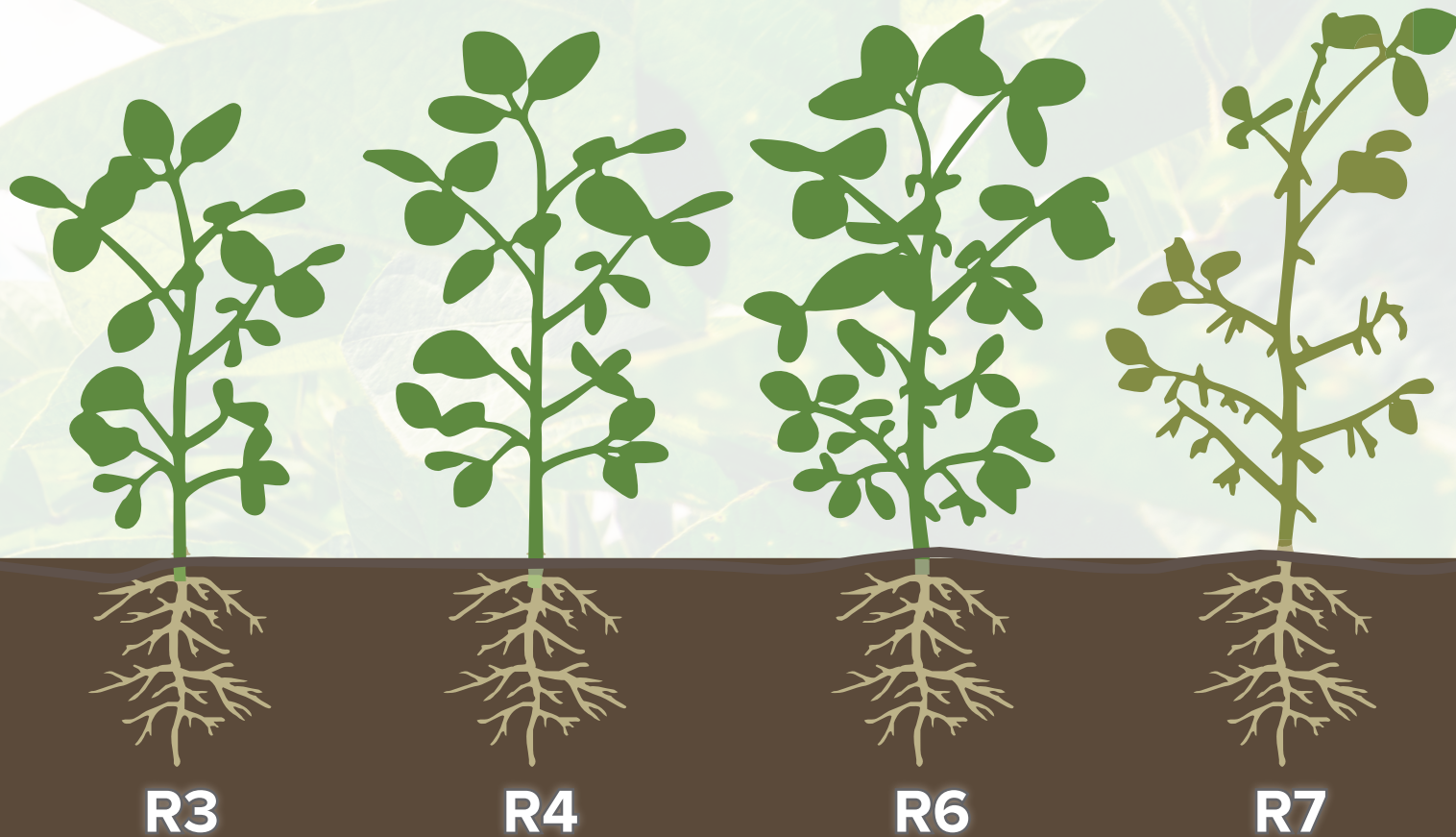
- NACHURS Green Flag® (1–2 gpa)
- NACHURS K-Flex® (1 gpa)
- NACHURS CropMax® (1 qt/ac)
- NACHURS First Down® (1–2 gpa)
- NACHURS imPulse® (1–2 gpa)

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.



Mid Foliar

R1–R3

Base Mid Foliar Program Options:

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

Additional Options:

- NACHURS Triple Option® (1 gpa)
- NACHURS NocKout® (1 gpa)
- NACHURS MoneyBall™ (1.5 pt/ac)

Late Foliar

R4–R5

Base Late Foliar Program Options:

- NACHURS Finish Line® (1 qt/ac)
- NACHURS NocKout® (1–2 gpa)

Additional Options:

- NACHURS Triple Option® (1 gpa)
- NACHURS K-Flex® (1–2 gpa)
- NACHURS Sideswipe® (1 qt/ac)
- NACHURS MoneyBall™ (1.5 pt/ac)

Fertigation

R1–R6

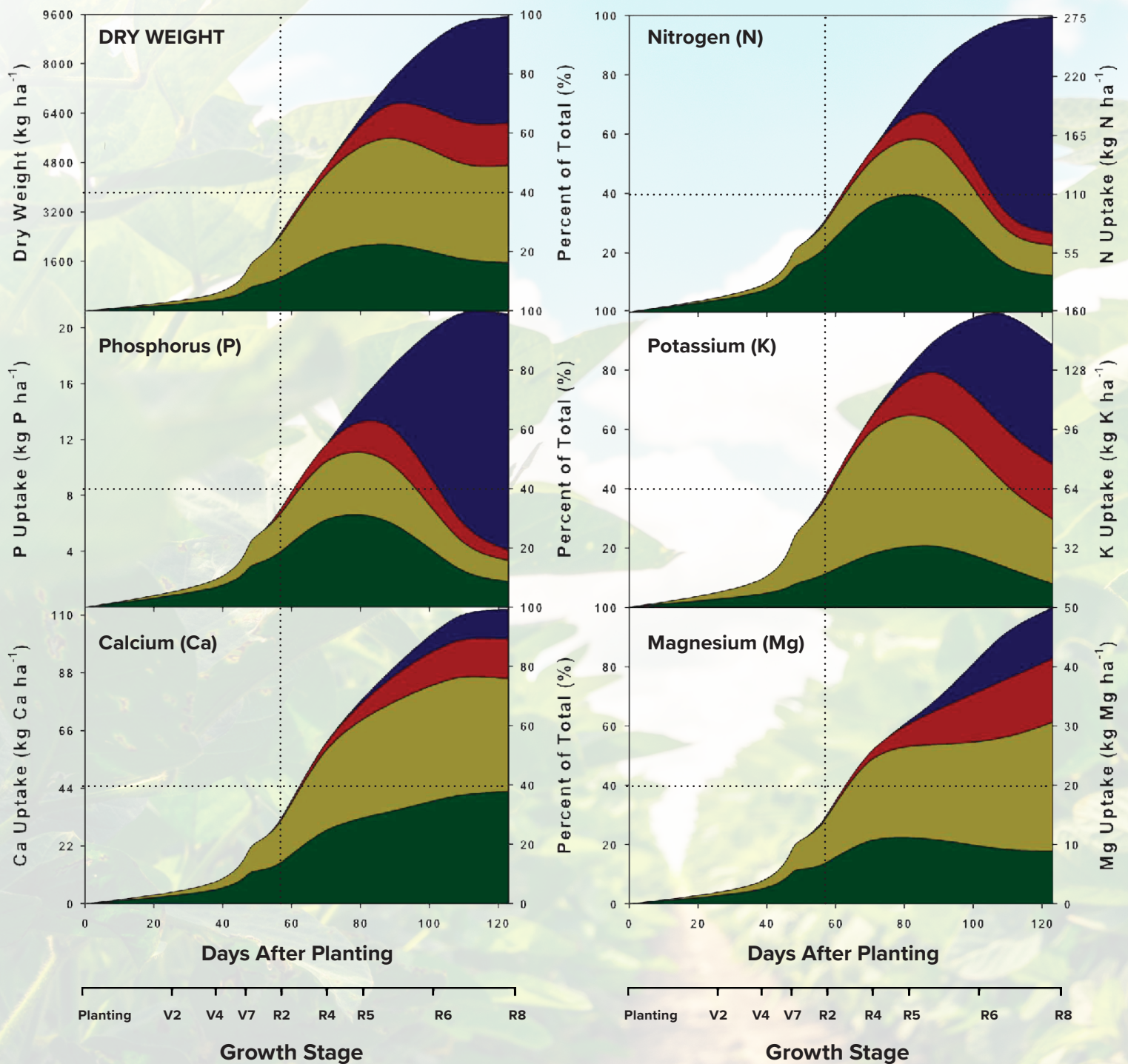
Base Fertigation Program Options:

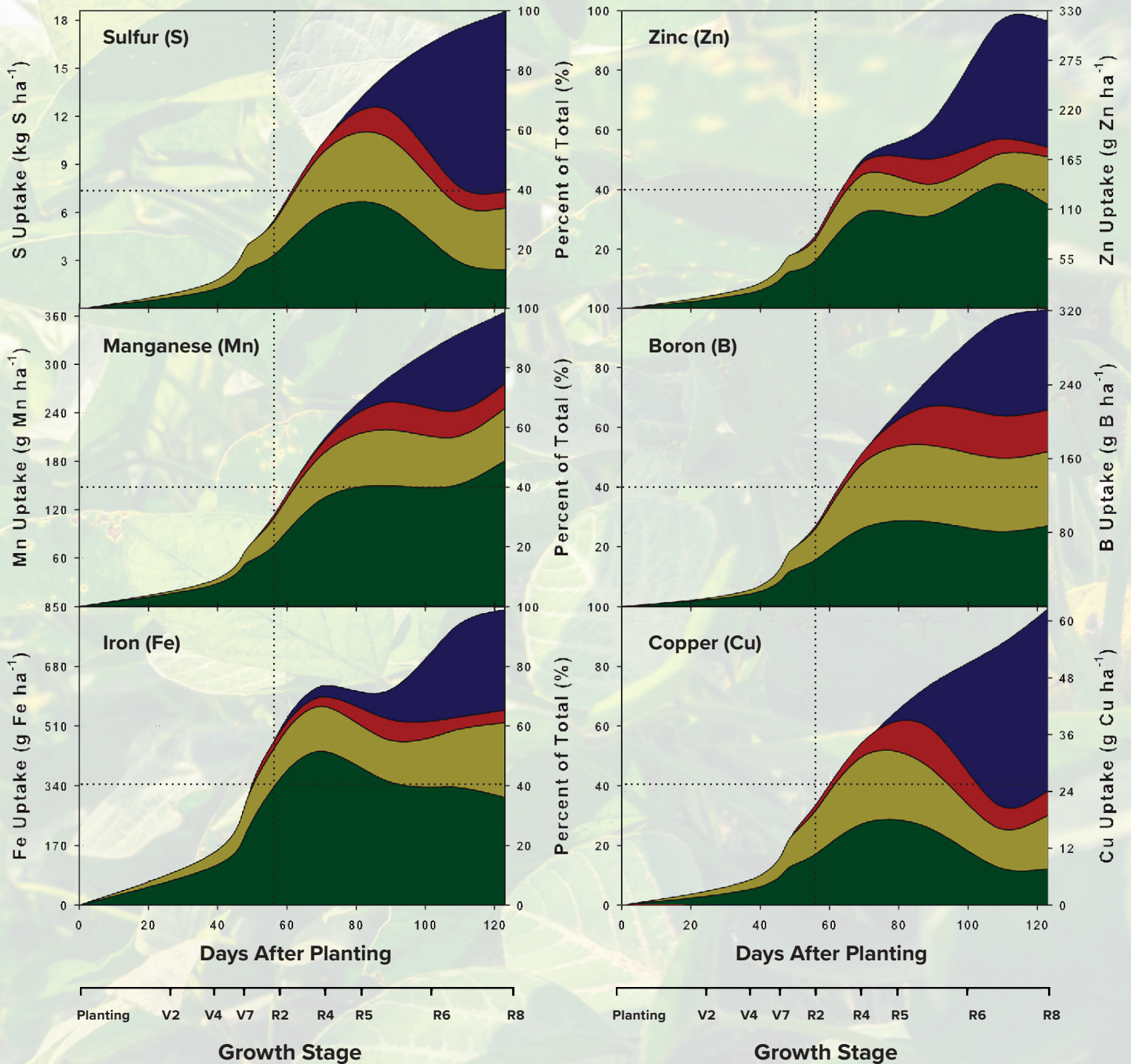
- NACHURS K-Flex® (1–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech® 2-0-20® (1–2 gpa)

Additional Options:

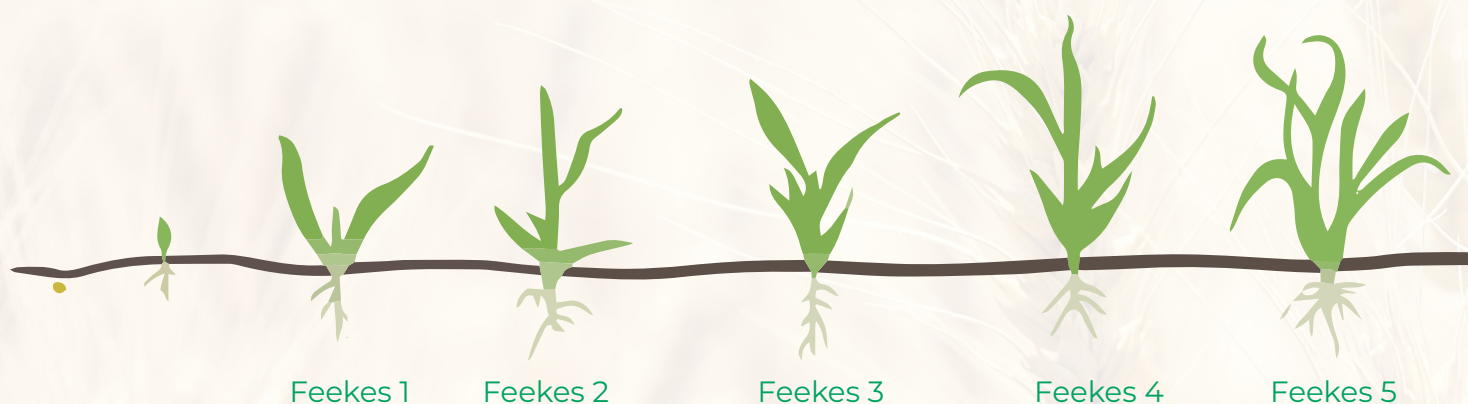
- NACHURS Sideswipe® (1 qt/ac)

Soybean Nutrient Uptake and Partitioning





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 pt/ac)
- NACHURS Humi-flex® FA (1 pt/ac)

Top Dress Feekes 2–4

Base Top Dress Program Options:

- NACHURS K-Flex® (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-Flex® (1 gpa)
- NACHURS Finish Line® (1 qt/ac)
- NACHURS NockOut® (1–2 gpa)

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 NockOut® (1 gpa)
- NACHURS Finish Line® (1 qt/ac)
- NACHURS MoneyBall™ (1.5 pt/ac)

Fertigation

Feekes 4–10

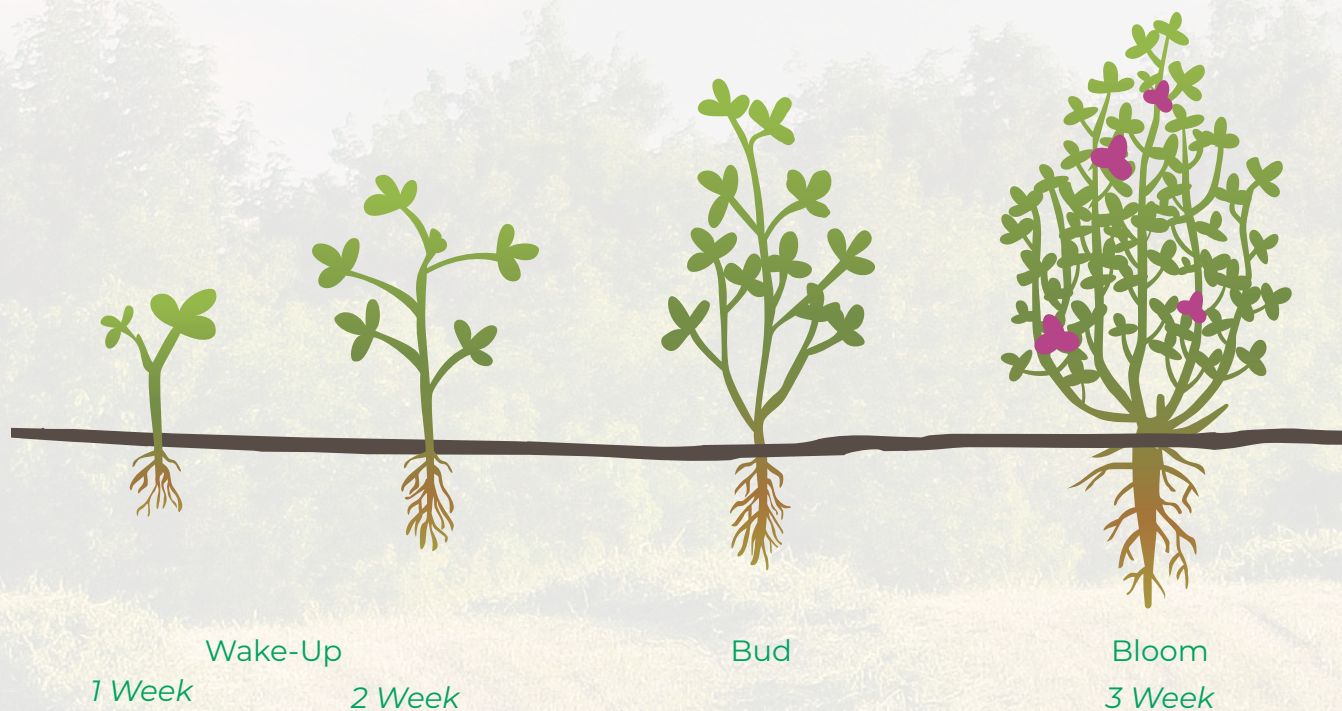
Base Fertigation Program Options:

- 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 pt/ac)
- NACHURS Humi-flex® FA (1 pt/ac)

Early Foliar

Bud

Base Early Foliar Program Options:

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

Additional Options:

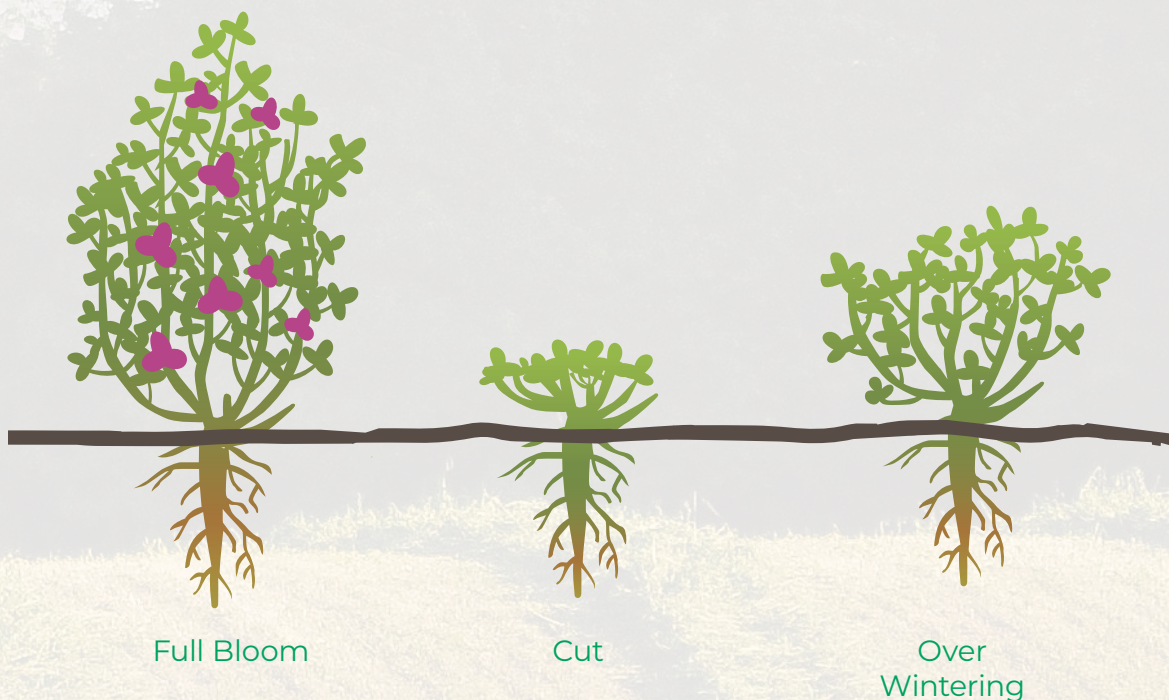
- NACHURS Finish Line® (1 qt/ac)
- NACHURS 10% Boron (1–2 pt/ac)
- NACHURS Humi-flex® FA (1 pt/ac)
- NACHURS MoneyBall™ (1.5 pt/ac)

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.



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 Sideswipe® (1 qt/ac)
- NACHURS 10% Boron (1–2 pt/ac)
- NACHURS Humi-flex® FA (1 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 Rhyzo-Link® PE (1 pt/ac)

Maximizing Canola Yields



Seedling

Cotyledon - Two Leaf

Four – Six Leaf

In-Furrow
At Planting

Herbicide

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)
- NACHURS Humi-flex® FA (1 pt/ac)

Base Top Dress Program Options:

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

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.



Rosette & Bolting

Flowering

Podding & Ripening

Top Dress

Base Late Foliar Program Options:

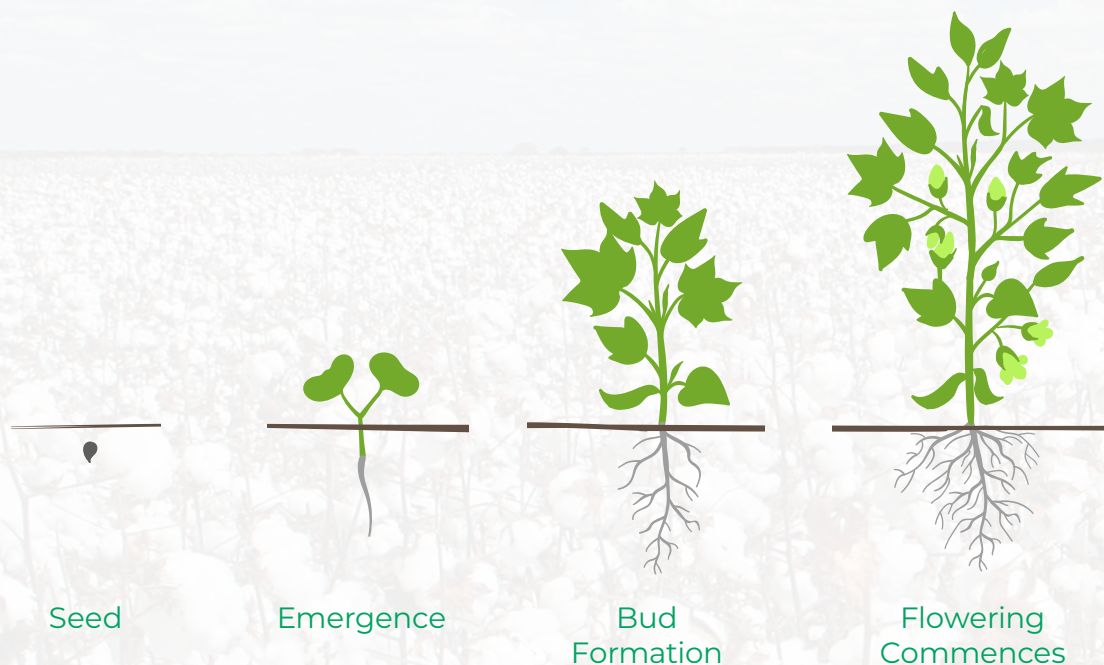
- NACHURS K-Flex® (1 gpa)
- NACHURS® 10% Boron (1 qt/ac)

Flowering

Base Fertilization 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 Rhyzo-Link® PE (1–2 pt/ac)
- NACHURS Humi-flex® FA (1 pt/ac)

Beside the Row

Base Beside the Row Program Options:

- NACHURS K-Flex® (½–2 gpa)
- NACHURS K-Flex® MAX (½–2 gpa)

Additional Options:

- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Rhyzo-Link® PE (1 pt/ac)
- NACHURS Humi-flex® MAX (1 qt/ac)

Side-dress Square Formation to Boll Set

Base Sidedress Program Options:

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

*PRODUCTS MAY NOT BE AVAILABLE IN EVERY STATE.



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 and peak bloom)
- NACHURS Finish Line® (1 qt/ac with herbicide and/or PGR)
- NACHURS MoneyBall™ (1.5 pt/ac)

Fertigation

Square Formation to Boll Fill

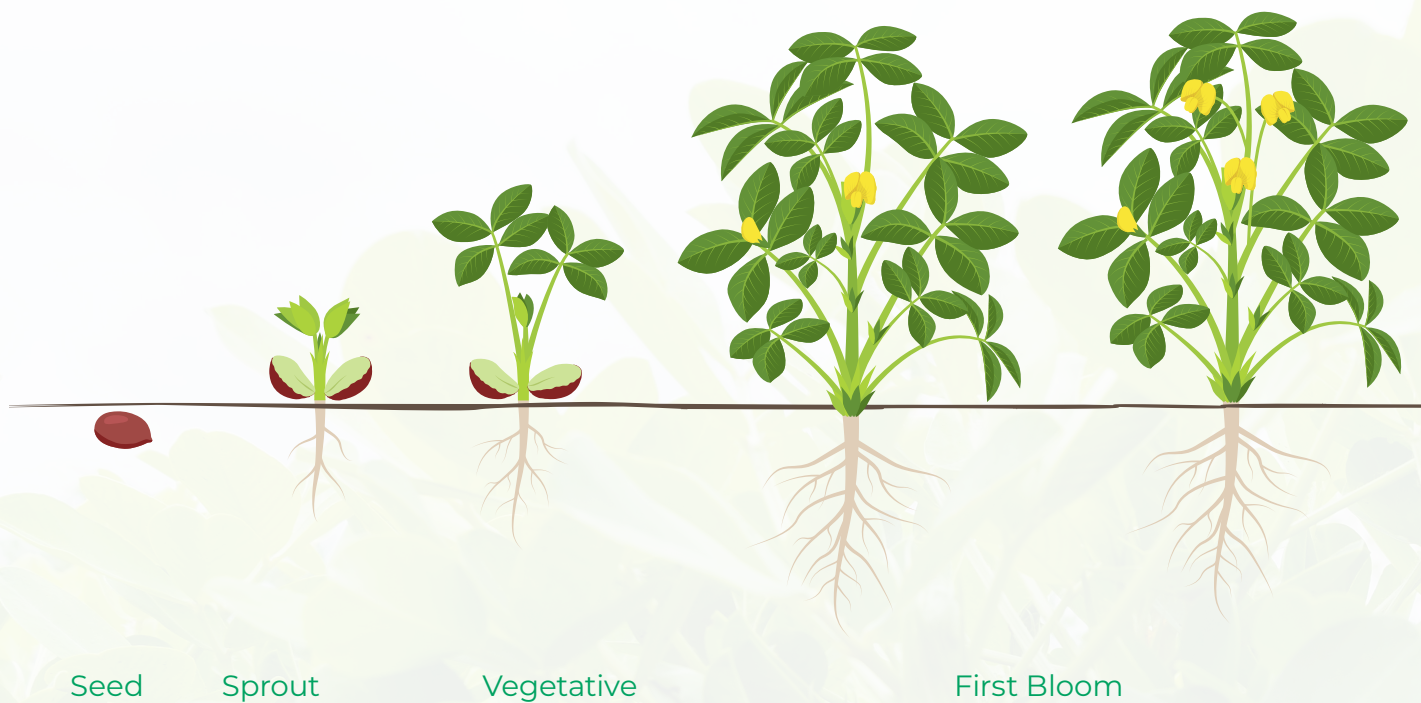
Base Fertigation program

- 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

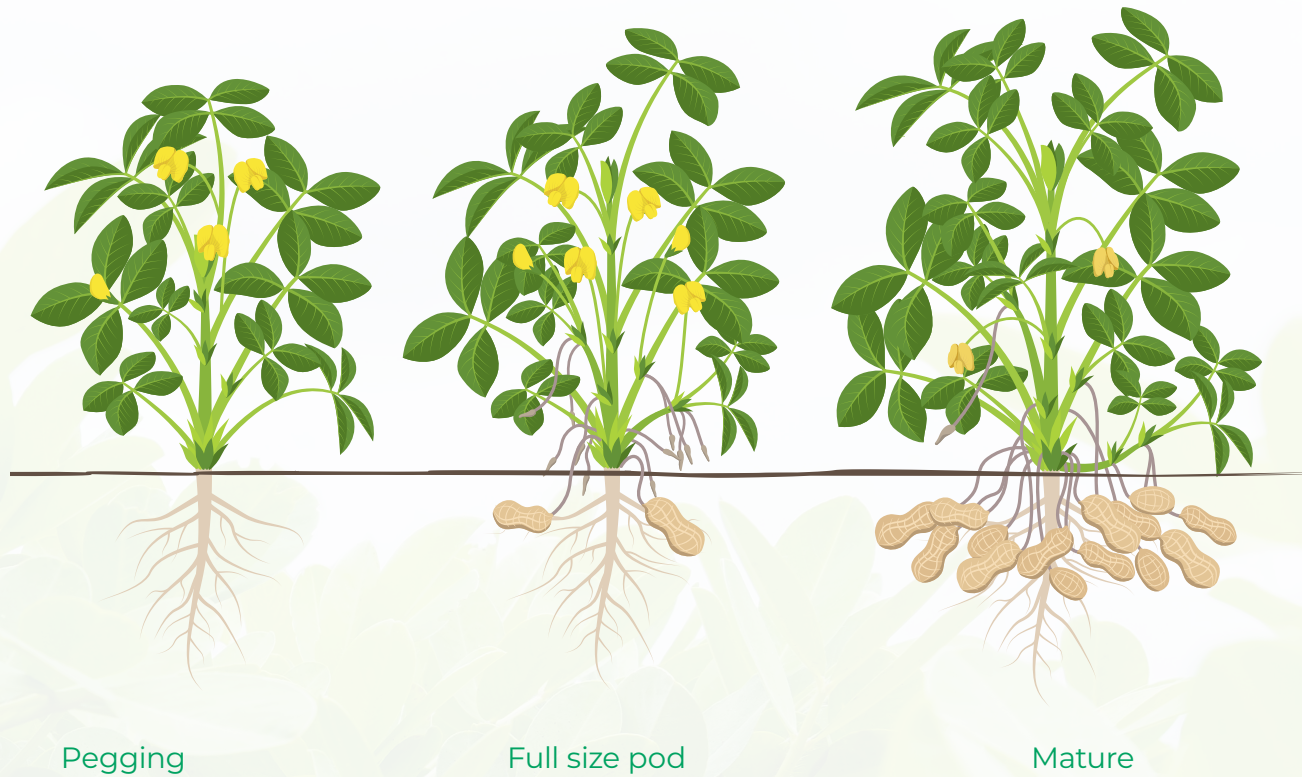
- NACHURS Finish Line® (1 pt/ac)

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

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.



Foliar 4/5

Base Foliar Program Options:

90 Days After Planting w/ Fungicide

- NACHURS K-Flex® (1 gpa)

110 Days After Planting w/ Fungicide

- NACHURS K-Flex® (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)
- NACHURS Triple Option® (2–5 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 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 (2–3 gpa)
- NACHURS K-Fuel (2–3 gpa)

Additional Options:

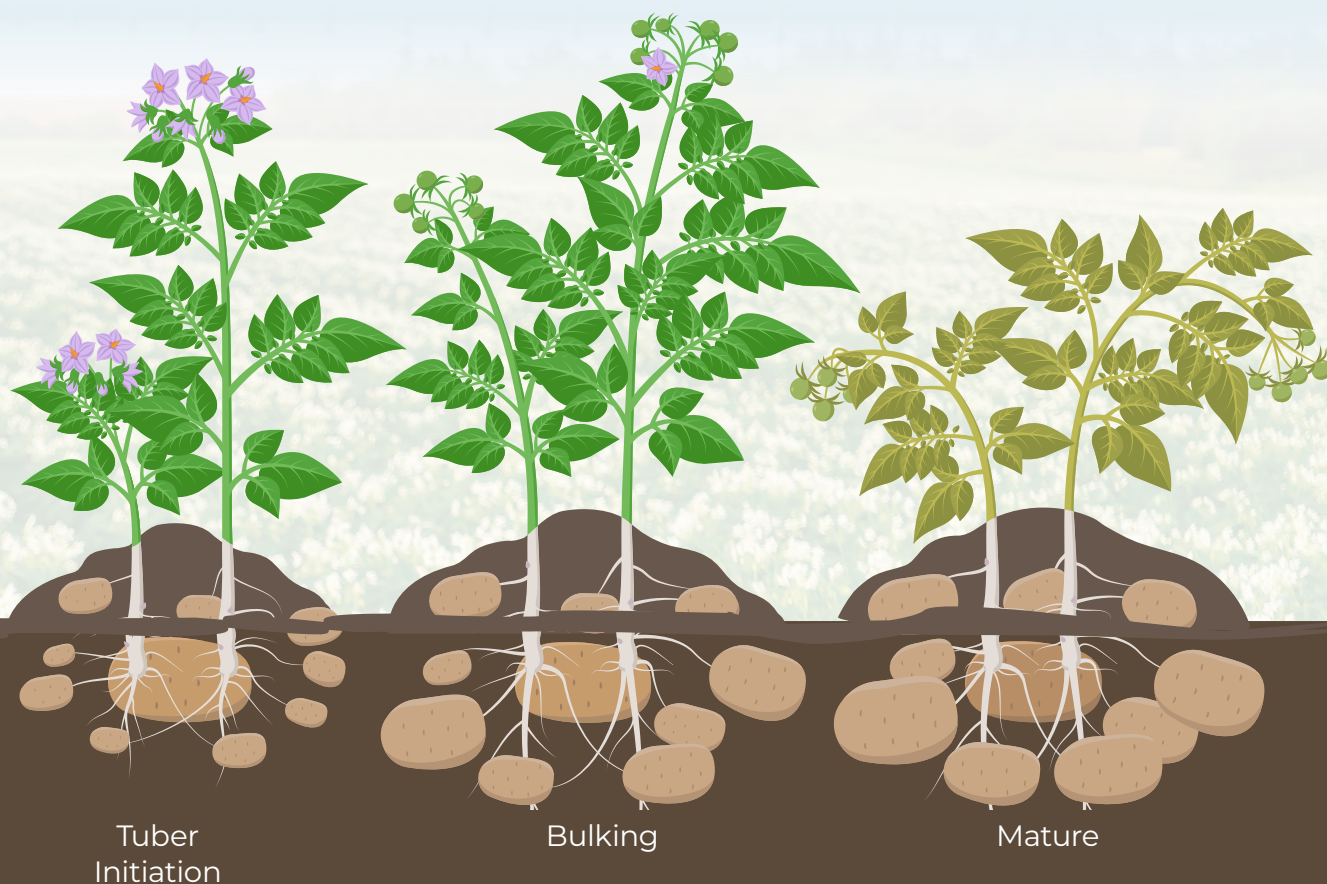
- NACHURS Sideswipe® (1 qt/ac)
- NACHURS Throwback® (1–3 gpa)
- NACHURS® Microzone Ca (1–2 qt/ac)

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.



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)

Additional Options:

- NACHURS MoneyBall™ (1.5 pt/ac)

Fertigation

Tuber Initiation Through Bulking

Base Hilling Program Options:

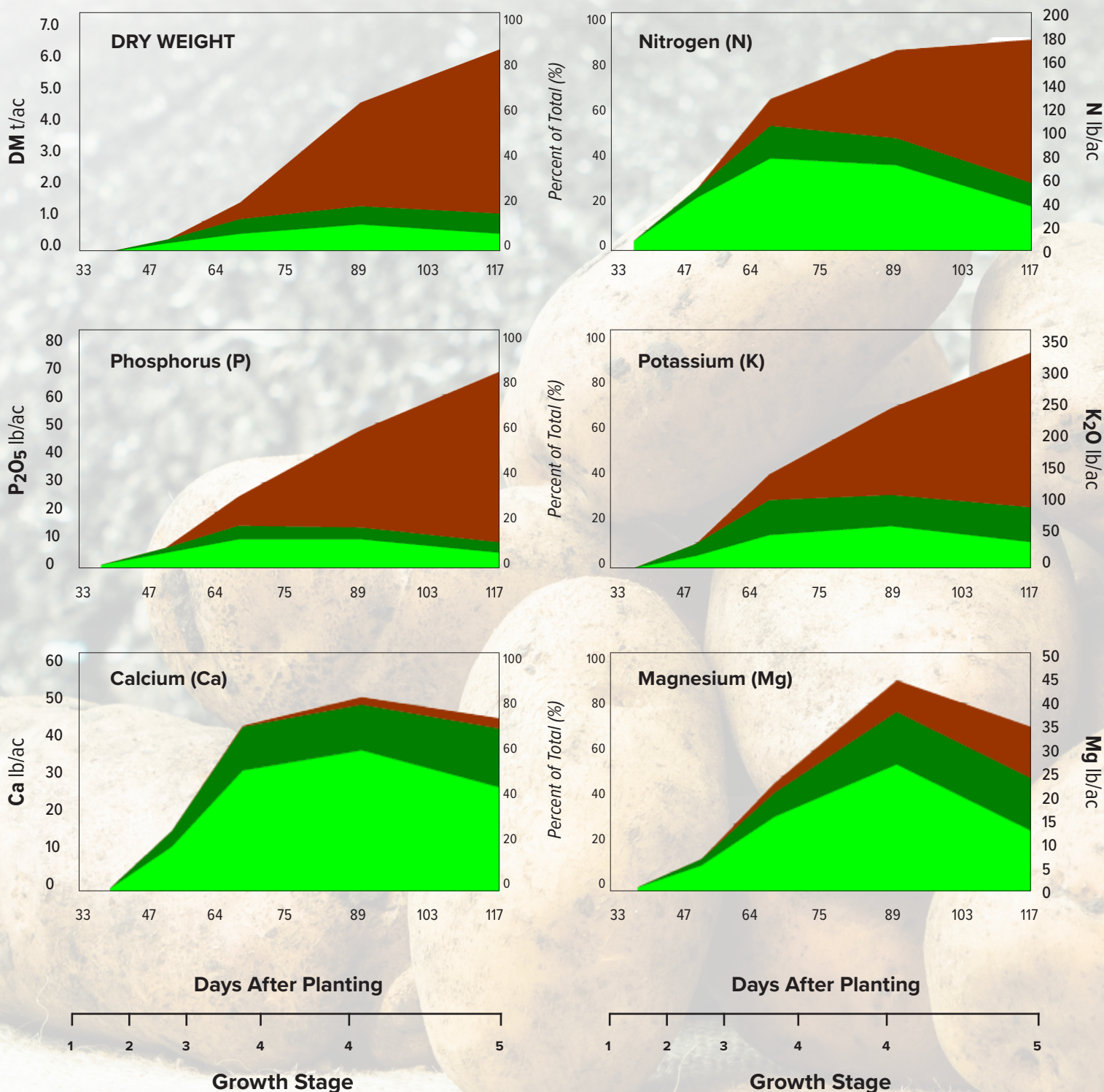
- NACHURS K-Flex® (2 qt–2 gpa)
- NACHURS K-Fuel® (1–2 gpa)
- NACHURS Aqua-Tech® 7-20-4® (1–2 gpa)

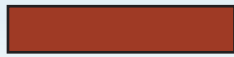
Additional Options:

- NACHURS Sideswipe® (1 qt/ac)
- NACHURS® Microzone Ca (1–2 qt/ac)

Potato Nutrient Uptake and Partitioning

Ranger Russet Potatoes | Manitoba Agriculture, Food, and Rural Initiative





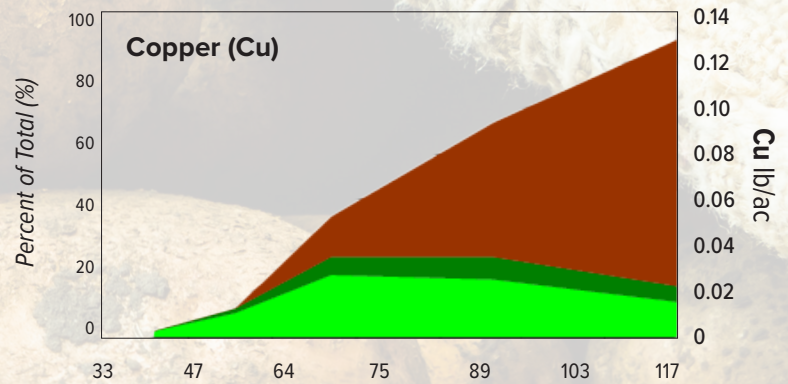
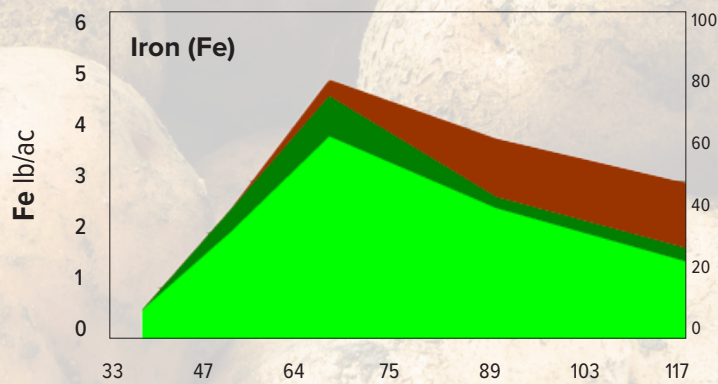
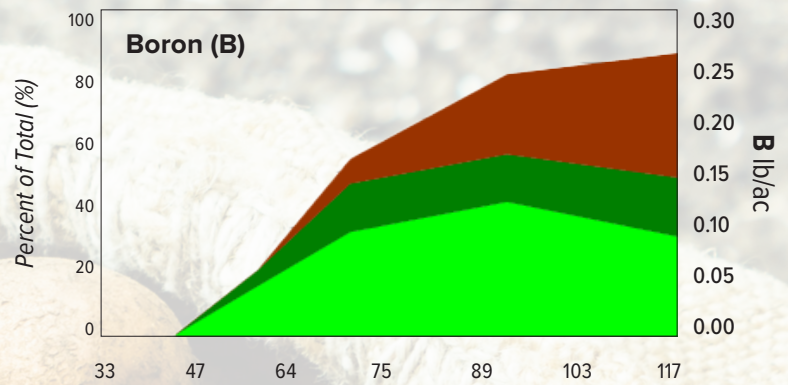
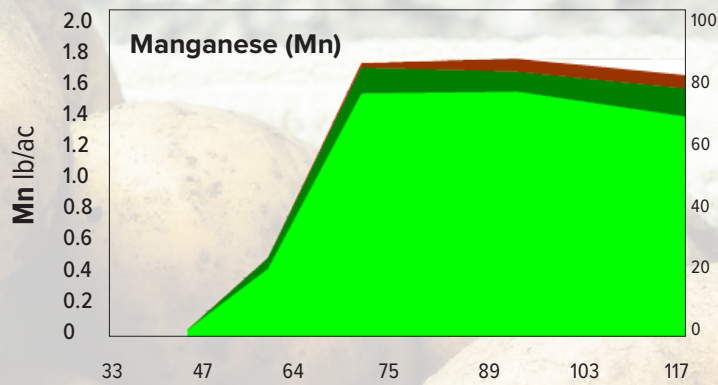
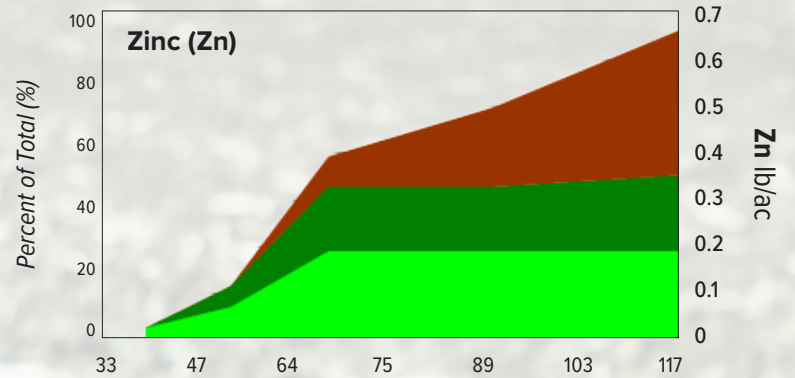
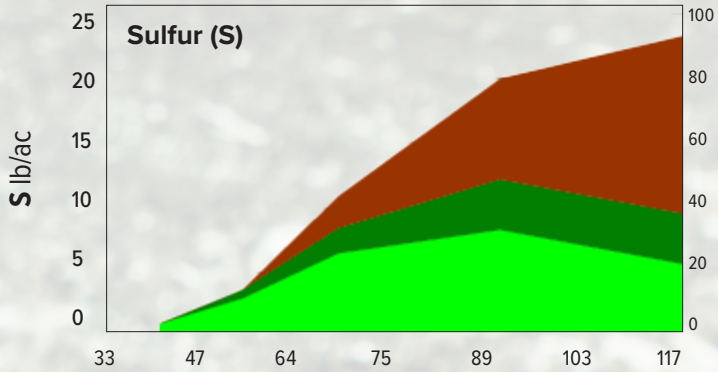
TUBER



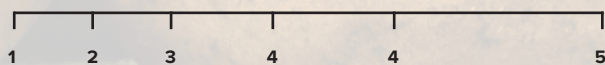
STEM



LEAF

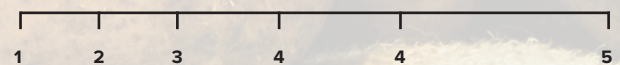


Days After Planting



Growth Stage

Days After Planting



Growth Stage

Maximizing Sugar Beets



Seeding &
Germination

Leaf
Development

Vegetative

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® FA (1 pt/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)
- NACHURS NockOut® (1–2 gpa)

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 NockOut® (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)
- NACHURS MoneyBall™ (1.5 pt/ac)



Root Development

Pre-Harvest

Root Development

Base Late Foliar Program Options:

- NACHURS K-Flex® (1–2 gpa)

Additional Options:

- NACHURS Humi-Flex® Max (1 pt/ac)



Pre-Harvest

Rescue Treatment:








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

NACHURS® Product Reference



Start2Finish® Products	Nutrition	PRS
NACHURS Balance® Powered by Bio-K® <ul style="list-style-type: none">Balanced NPK containing boron, cobalt, and molybdenum	Boron, Cobalt, Molybdenum, Nitrogen, Phosphorus, Potassium	
NACHURS Detour® <ul style="list-style-type: none">A premium ready-to-use, single-pass foliar fertilizerRedirects soybean growth & boosts branchingDelivers K, sulfur & supporting micronutrients to restart enzyme activity and support yield	Potassium, Sulfur, Boron, Copper, Manganese, Molybdenum, Zinc	
NACHURS Finish Line® Powered by Bio-K <ul style="list-style-type: none">Unique micronutrient enriched premium foliar fertilizerContains proprietary organic acids, compatibility agents and higher level of micronutrientsProvides a significant return on investment when used on all crops	Boron, Copper, Manganese, Nitrogen, Phosphorus, Potassium, Zinc Fulvic Acid	
NACHURS First Down® Powered by Bio-K <ul style="list-style-type: none">Low salt, 100% orthophosphate specifically designed for corn and wheatQuick and uniform plant emergence, ultimately results in maximizing yield potential	Nitrogen, Phosphorus, Potassium	
NACHURS Green Flag® Powered by Bio-K <ul style="list-style-type: none">Premium green, high orthophosphate liquid in-furrow fertilizerFormulated specifically for potato and wheat crops to maximize yield potential	Nitrogen, Phosphorus, Potassium	
NACHURS imPulse® Powered by Bio-K <ul style="list-style-type: none">Provides corn and wheat growers quick and uniform plant emergenceImproved early season plant healthUltimately results in maximizing yield potential	Nitrogen, Phosphorus, Potassium	
NACHURS K-Flex® Powered by Bio-K <ul style="list-style-type: none">Most versatile Bio-K technology product availableCompatible with 10-34-0, UAN, and liquid ureaAllows applications of K & S during critical growth stages maximizing yield potential	Potassium, Sulfur	
NACHURS K-Flex® MAX Powered by Bio-K <ul style="list-style-type: none">Offers all of the advantages that K-Flex® has with added benefits coming from Humi-flex® MAXA heavy humic that shares features and benefits of Bio-KImproves the efficiency of nitrogen solutions by providing Bio-K, sulfur, and humic acid	Potassium, Sulfur Humic Acid	
NACHURS K-Fuel® Powered by Bio-K <ul style="list-style-type: none">Highest concentration of Bio-K technology in the industryContains a versatile source of K for growers requiring higher K levelsAllows applications of K during critical growth stages, maximizing yield potential	Potassium	
NACHURS NocKout® Powered by Bio-K <ul style="list-style-type: none">A premium slow release nitrogen fertilizerComplete NPK fertilizer containing the highest percentage of SRNTakes crops with excellent potential to the next yield level	Nitrogen, Potassium, Boron	
NACHURS Sideline™ <ul style="list-style-type: none">A premium liquid starter fertilizer supplying N-P-K-SDual-action phosphorus for fast uptake and extended feedingMade for banding or strip-till with low salt impact	Nitrogen, Phosphate, Potassium, Sulfur	

	Nutrition	PRS
NACHURS Throwback® Powered by Bio-K <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	
NACHURS Triple Option® Powered by Bio-K <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

NACHURS CropMax® <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	
NACHURS Face Off® <ul style="list-style-type: none"> This 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 & overall plant development when foliar applied 	Copper, Manganese, Molybdenum, Zinc Fulvic Acid	
NACHURS Sideswipe® <ul style="list-style-type: none"> This product is designed to maximize nutrient placement into strip-till, bedside 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	
NACHURS® Microzone Ca <ul style="list-style-type: none"> Calcium for the prevention and correction of micronutrient deficiency. 	Calcium	
NACHURS® Microzone Mg <ul style="list-style-type: none"> Magnesium for the correction of micronutrient deficiency. 	Magnesium	
NACHURS MoneyBall® - NEW! Powered by Enduro-Shield <ul style="list-style-type: none"> This product is a purified, high quality, marine macroalgae extract product and contains growth promotant and bioactive compounds which aid in stress mitigation and nutrient utilization. NACHURS EDTA chelated micronutrients are 100% available to the crop. 	 Boron, Copper, Manganese, Molybdenum, Cobalt Macroalgae Extract, Fulvic Acid	

Special Use

NACHURS Aqua-Tech® 7-20-4 Powered by Bio-K <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	
NACHURS Rhyzo-Link® PE <ul style="list-style-type: none"> Microbial product containing two strains of Bacillus ssp. to unlock bound or tied-up phosphorus (both organic and inorganic). Great for heavy manured ground and soils with low organic matter. 	Plant Growth Promoting Rhizobacteria (PGPR)	

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.



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
advancedadjuvants.com



Notes

Premium Liquid Fertilizers Since 1946

In-furrow Starters • Foliar Nutrition
Micronutrients • Specialty Additives

start
finish²®



Contact Us
800.622.4877 x 255
info@nachurs.com

U.S. Headquarters
421 Leader Street
Marion, OH 43302

Social



© 2025 Nachurs Alpine Solutions. All rights reserved.