



#### NUTRIENTS SUPPLIED (pounds per gallon):

<b>Total Nitrogen (N)</b> .....	<b>0.995</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>0.995</b>
<b>Boron (B)</b> .....	<b>0.025</b>

**Derived from:** Urea, Urea-Triazone, Potassium Acetate, and Boric Acid

25% of total nitrogen is from slowly available nitrogen (urea-triazone)

100% of the total potassium found in NACHURS NocKout® is from NACHURS Bio-K®.

#### PRODUCT PROPERTIES:

<b>Analysis:</b> .....	10-0-10-25B
<b>Weight:</b> .....	9.95 lbs. per gallon
<b>Specific gravity:</b> .....	1.19 kg/L
<b>pH:</b> .....	7.7 - 8.7
<b>Appearance:</b> .....	Clear to translucent, nearly colorless
<b>Odor:</b> .....	Mild ammonia

#### GENERAL PRODUCT INFORMATION:

**NACHURS NocKout®** is a new and improved foliar nitrogen product, with boron and the latest in potassium uptake technology, Bio-K®. **NACHURS NocKout®** is manufactured with the highest quality raw materials on the market today, which once absorbed by the plant helps to promote a healthier plant and root system, and ultimately helps to improve crop productivity. **NACHURS NocKout®** is well adapted to all cropping and management systems, including but not limited to row crops, vegetables, fruit, tree, and turf/ornamentals.

- Maximizes plant nutrient absorption through the use of urea-triazone and Bio-K® technology.
- Minimizes salt-index providing safe foliar use.
- Minimizes equipment corrosion.
- Is plant safe at recommended rates.
- May be used with crop protection products such as glyphosate.

**FIRST AID:** Please see SDS sheet for more information, call (800) 622-4877 or visit us online at [www.nachurs.com](http://www.nachurs.com).

**This product is not intended for long-term storage; use within six (6) months for best results. Due to the unpredictable storage stability of the slow release nitrogen molecule, Nachurs Alpine Solutions will not warrant product quality or performance in excess of six (6) months from date of purchase.**

**KEEP OUT OF REACH OF CHILDREN.**

\*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED NACHURS DISTRIBUTOR OR AGRONOMIST FOR SPECIFIC FERTILITY RECOMMENDATIONS. THESE RECOMMENDATIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES, ALL OF WHICH ARE OUT OF CONTROL OF THE MANUFACTURER OR SELLER, CAN RESULT IN PLANT OR LEAF DAMAGE. CROP INJURY MAY RESULT FROM UNUSUAL WEATHER CONDITIONS, FAILURE TO FOLLOW LABEL DIRECTIONS, OR IMPROPER APPLICATION PRACTICES ALL OF WHICH ARE OUT OF CONTROL OF NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY

# NocKout®

## Premium Liquid Foliar Fertilizer

### RECOMMENDED APPLICATION RATES:

#### FIELD CROPS:

**Alfalfa:** Apply 1 – 2 gal/ac after each cutting when sufficient foliage is present.

**Beans (Dry):** Apply 1 – 2 gal/ac at early flower and repeat in 10 – 14 days.

**Blueberries:** Apply 4 – 6 qt/ac in 10 – 14 day intervals prior to fruiting.

**Caneberries:** Apply 4 – 6 qt/ac prior to fruit set.

**Canola:** Apply 1 – 2 gal/ac prior to bolting.

**Cantaloupes:** Apply 6 – 10 qt/ac per acre at early flowering and repeat in 7 – 10 days.

**Cherries:** Apply 4 – 6 qt/ac prior to fruit set.

**Citrus:** Apply 4 – 6 qt/ac at early bloom and repeat after fruit set.

**Corn (seed, field, sweet):** Apply 1 – 3 gal/ac during vegetative stages with pesticides if required. Apply 1 – 2 gal/ac at tasseling and again after pollination with fungicide/insecticides.

**Cotton:** Apply 1 – 2 gal/ac at first bloom, repeat in 7 – 10 day intervals as required.

**Cranberries:** Apply 4 – 6 qt/ac at hook stage and repeat after fruit set.

**Cucumbers:** Apply 1 – 2 gal/ac at early flowering and repeat at 10 – 14 day intervals.

**Grain Sorghum:** Apply 1 – 3 gal/ac after pollination.

**Grass (Hay):** Apply 1 – 3 gal/ac after green up. Repeat process for each additional cutting to meet N and K requirements. Do not apply to drought stressed grass.

**Hops:** Apply 1 – 2 gal/ac before cone development.

**Lentils:** Apply 4 – 6 qts. per acre at early flowering and repeat at 10 – 14 day intervals.

**Lettuce:** Apply 4 – 6 qt/ac after thinning, then repeat at early head formation. Repeat again at 10 – 14 day intervals as required.

**Onions:** Apply 4 – 6 qt/ac at mid-set development and repeat at 14 – 21 day intervals.

**Pasture (Grazing):** Apply 2 – 3 gal/ac (depending soil fertility and nutrient requirements) every 30 – 45 days or following pasture rotation. Do not apply to drought stresses grass.

**Peaches:** Apply 1 – 2 gal/ac prior to fruit set.

**Peanuts:** Apply 4 – 6 qt/ac at early bloom and repeat at 14 – 21 day intervals until pods are filled.

**Peppers:** Apply 4 – 6 qt/ac at early fruit set and repeat in 10–14 days.

**Plums:** Apply 6 – 10 qt/ac per acre prior to fruit set.

**Rice:** Apply 1 – 3 gal/ac at panicle emergence.

**Small Grains (wheat, barley, oats):** Apply 2–4 gal/ac at spring greenup to early joint (Feekes 8) as partial replacement of soil-applied N. Apply 1 – 3 gal/ac at or near flag leaf stage as N or K supplement.

**Soybeans:** Apply 1 – 3 gal/ac at V6 – R4 stage as a N and K supplement in high yield environments. These applications can be combined with fungicides as needed.

**Spinach:** Apply 6 – 10 qt/ac when sufficient foliage is present and repeat in 14 – 21 days.

**Strawberries:** Apply 2 – 4 qt/ac at early flowering. Repeat every 14 days.

**Sugar Beets:** Apply 2 gal/ac at the 10 – 12 leaf stage and repeat at the 20 leaf stage.

**Sunflower:** Apply 1 – 2 gal/ac to stimulate early plant growth and again at seed fill. May be combined with insecticide applications.

**Sweet Potatoes:** Apply 4 – 6 qt/ac at tuber initiation and repeat in 10 – 14 days.

**Tobacco:** Apply 1 – 2 gal/ac at plant bed stage to near maturity as needed to maintain plant growth and quality.

**Tomatoes (Process):** Apply 4 – 6 qt/ac at full bloom and repeat at 10 – 14 day intervals.

**Watermelons:** Apply 1 – 2 gal/ac at early flowering and repeat in 7 – 10 days increments to maintain plant growth and quality. Can be combined with fungicide applications.

#### TURF:

**Turf, Bent Grass:** Apply 4.5 – 6.8 lbs. of N per 1,000 sq. ft./year. May apply in multiple applications of 0.125 to 0.25 lbs. of Nitrogen.

**Turf, Bermuda Grass:** Apply 9.0–11.5 lbs of N per 1,000 sq.ft./year. May apply in multiple applications of 0.25 lbs. to 0.5 lbs. of Nitrogen.

#### Ground Application:

Apply with a minimum of 5 gallons of water per acre or more to insure good coverage.

#### Aerial Application:

May be used un-diluted but it is recommended to use adequate water to insure good coverage.

- **NACHURS NocKout®** liquid fertilizer is best used as a supplement to a good fertility program. Check with your NACHURS Agronomist or Sales Manager for rates on other crops.

#### MIXING INSTRUCTIONS:

**NACHURS NocKout®** liquid fertilizer can mix with many crop production products including glyphosate.

- In a small container prior to full scale mixing, proportionally mix all the components to confirm compatibility.
- Thorough mixing of all blends is important.
- Temperature and storage time can influence degree of success.
- Mix only the amount that will be immediately used.
- Long-term storage is not suggested.

#### NACHURS NocKout® liquid fertilizer tank mixing procedures:

- Add ½ of total water to spray tank
- Add any chemicals (i.e. pesticides, herbicides)
- Strain recirculation in the tank
- Add recommended amount of NACHURS NocKout® liquid fertilizer
- Add micronutrients and or any other flowable material
- Add any soluble powder, first pre-mixing with water
- Add remaining water volume. Continue recirculation prior to spraying

#### FOLIAR FEEDING:

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. **NACHURS NocKout®** provides available N-K-B to make a good crop even better or it can supply a deficient, stressed crop the proper nutrition for a quick recovery. **NACHURS NocKout®** is manufactured with the highest quality raw materials on the market today to maximize foliar absorption. **NACHURS NocKout®** can also be safely mixed with most insecticides, herbicides, and fungicides to help maximize yield potential (please follow proper mixing instructions). For more specific foliar guidelines, consult with your authorized NACHURS distributor or agronomist for fertility recommendations.

#### STORAGE REQUIREMENTS:

Storage in poly, fiberglass, stainless, or lined/coated steel tanks to prevent possible product discoloration. Storage in flat bottom tanks is recommended during winter months. Bubble, recirculate, and/or agitate material before usage in all instances. Material stored in cone bottom tanks (although not recommended) will require longer recirculation after winter to regain product consistency.

**DO NOT STORE OR TRANSPORT ANY PRODUCT IN ALUMINUM, OR GALVANIZED STEEL TANKS.**

**THE FOLLOWING CONDITIONS MUST BE OBSERVED IN ORDER TO APPLY NACHURS NocKout® APPLICATIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE PLANTS:**

- **DO** use **NACHURS NocKout®** liquid fertilizer under conditions of optimum plant growth including highest humidity, moderate temperature and adequate soil moisture.
- **DO** use sufficient water to provide thorough coverage.
- **DO** consult with your local NACHURS Agronomist or Sales Manager to determine pesticides which are compatible with **NACHURS NocKout®** liquid fertilizer.
- **DO** consult your local NACHURS Agronomist or Sales Manager for rate and application instructions.
- **DO** use a small jar or container prior to full scale mixing to proportionally mix all the components to confirm compatibility.
- **DO NOT** use when the crop is under stress from pests, heat or inadequate soil moisture.
- **DO NOT** apply during the heat of the day.



Visit us online: [www.nachurs.com](http://www.nachurs.com)



ELEVATE YOUR K® with NACHURS® Bio-K®

- A premium source of potassium fertilizer combined with a natural plant metabolite
- Most effective and efficient source of potassium
- Increased plant health and plant vigor resulting in maximum yield potential