NITAMIN® fertilizer provides the targeted foliar nutrition that your crop needs when it's needed.

Targeted | Applied directly to the leaf surface for rapid absorption and green-up

Crop Safe | Low salt index, and low ammonia and biuret levels improve crop safety

Steady-Delivery® | High nitrogen concentration, stays soluble longer, enhanced foliar uptake

Flexible | Compatible with a wide range of micronutrients and crop protection chemicals

NITAMIN® 30-0-0 liquid fertilizer can be applied on turfgrass, row crops, vegetables and fruits. The nitrogen in this product meets AAPFCO definitions for urea-triazone solution, methylene urea and urea. NITAMIN® fertilizer is available for shipment in railcar (18,000 gal/95 ton), tank truck (4,750 gal/25 ton) and IBC Tote (250 gal/1.4 ton).
A jar test should be used to confirm any mix compatibility. NITAMIN® fertilizer should not be mixed with strong acids (e.g., phosphoric) as product degradation will occur and the fertilizer will precipitate.

Neither the individual nor university researchers referred to nor their respective universities endorse the products mentioned herein.

NOTICE: The data and material contained herein are provided for informational purposes only. No warranty, express or implied, is made including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, which are specifically excluded. Results may vary based on a number of factors, including environmental conditions. Before use, consult the product packaging and labeling for information regarding the product’s characteristics, uses, safety, efficacy, hazards and health effects.

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Leaf absorption study (growth chamber study).

- Cotton (Stoneville 4288 B2RF) planted on February 18.
- Foliar treatments applied on March 26 at a rate of 10 lbs N/acre each.
- Means followed by the same letter are not statistically different.
- Source: Oosterhuis et al., 2014.

FOLIAR UPTAKE MECHANISM

- Dissolved urea
- UAN 32%
- NITAMIN® fertilizer

Sampling time after foliar application (hours)

<table>
<thead>
<tr>
<th>Sampling time after foliar application (hours)</th>
<th>Total N absorbed (% applied)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>84</td>
</tr>
<tr>
<td>8</td>
<td>88</td>
</tr>
<tr>
<td>16</td>
<td>96</td>
</tr>
</tbody>
</table>

Fertilizer Analysis

- TOTAL NITROGEN: 30%
- UREA NITROGEN: 12%
- OTHER WATER SOLUBLE NITROGEN*: 18%

*The nitrogen in NITAMIN® fertilizer meets AAPFCO definitions for urea-triazole solution, methylene urea and urea.

Technical Data

- pH AT 77°F: 9.2-10.2
- WEIGHT PER GALLON: 10.5 lbs
- FREEZING POINT: < 0°F
- SALT-OUT TEMPERATURE: < 0°F
- SALT INDEX: 0.4
- SALT INDEX (PER UNIT OF PLANT NUTRIENT): 0.013
- VISCOSITY, CPS: 15-40 cps
- BIURET %: 0.13-0.40

Source: Hulst Research Farm Services – California