



OPTnt
OPTIMUM NUTRITION FERTILIZER
VineAgra®
0-8-16

GUARANTEED ANALYSIS

Available Phosphate (P₂O₅) 8.00%
Soluble Potash (K₂O) 16.00%

Derived from: Monopotassium Phosphate

KEEP OUT OF REACH OF CHILDREN



WARNING

Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact.
Avoid eye contact. Wash hands thoroughly after handling this product.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. **If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-366-944-8565.

STORAGE and DISPOSAL

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Do not reuse container. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRS site (go to <http://www.acrcycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

HANDLING: Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

GENERAL DIRECTIONS VineAgra® is a concentrated plant food that supplies plant available potassium. Developed to be applied to plant foliage or soil as a fertilizer. Application as a foliage spray may be alone or in combination with an insecticide, fungicide or PGR sprays. VineAgra can be applied by air or ground with a minimum of 10 gallons of water and with sufficient water for good coverage. When mixing, VineAgra should be added and mixed into the tank first. A high quality non-ionic surfactant should always be included in the foliar spray for even deposition and distribution.

PRECAUTIONS COMPATIBILITY VineAgra is compatible with most pesticides and fertilizers except products containing calcium and highly acidic materials. A compatibility test is recommended if the combination has not been used before.

SUGGESTED USES	USE INSTRUCTIONS
Citrus and Avocado (Navel and Valencia Oranges, Lemons, Limes, Grapefruit, Tangerine, Specialty Citrus Trees):	Apply 2 to 6 quarts per acre per application. Use a maximum 4 quarts per acre per application on small trees. For best results, apply at pre-bloom, petal fall and early fruit stages.
Deciduous Trees (Almonds, Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Pecans, Pistachios, Plums, Prune, Walnuts):	Apply 2 to 4 quarts per acre per application. For best results, make 2 to 4 applications per season beginning at pre-bloom, again at petal fall and continue through rapid fruit sizing.
Cane Berries and Bush berries (Blackberry, Blueberry, Boysenberry, and Raspberry):	Apply 1 to 4 quarts per acre per application. For best results, make 2 to 4 applications per season beginning at pre-bloom, and again after bloom through berry softening.
Field Crops (Alfalfa, Barley, Beans, Clover, Cotton, Field Corn, Milo, Peanuts, Peas, Rice, Safflower, Soybeans, Sugar Beets, and Wheat):	Apply 0.5 to 2 gallons per acre per application. For best results, make 2 applications per season beginning at 3 to 6 leaf stage and again at pre-bloom. For alfalfa seed, beans, safflower, peanuts and peas and all crops grown for seed make a 3rd application within 2 to 3 weeks. For cotton, make a 3rd at late bloom. For sugar beets, make continuous applications at 10 to 15 day intervals beginning at 3 to 6 leaf stage.
Grapes (All varieties of Table, Wine and Raisin Grapes):	Apply 1 to 3 gallons per acre per application. For best results, make 2 to 5 applications per season beginning at pre-bloom, and again after bloom through berry softening. Limit pre-bloom application rate to 1 gallon per acre per application.
Vegetable and Fruit Crops (Asparagus, Beans, Carrots, Celery, Cole Crops, Cucurbits, Eggplant, Garlic, Onion, all Leafy Vegetables, Root Crops, Peppers, Potatoes, Sweet Corn, Sweet Potatoes, Tomatoes, Strawberries):	Apply 2 to 4 quarts per acre per application. For best results, make 1 to 4 applications per season starting at pre-thinning (or after transplants become established), then repeat every 2 to 3 weeks. For flowering crops, make additional applications at pre-bloom, and again in 2 to 3 weeks. For strawberries, make continuous applications at 10 to 15 day intervals beginning at pre-bloom.
Use as a Starter, Pop Up, or Transplant Drench Fertilizer (All crops at planting):	Use 2 to 3 gallons per acre as a starter fertilizer in direct contact with the seed. Use 3 to 5 gallons per acre as a pop up fertilizer separated from the seed by 1 inch or more. Use a solution with maximum concentration of 2% v/v for transplant drench solutions, with a maximum of 4 gallons per acre regardless of volume.
Drip or Sprinkler Application (Fertigation):	Apply 5 to 15 gallons per acre per application. For best results, make 2 to 5 applications per season. In grapes, use from pre-bloom through berry softening and post harvest. A compatibility test with your irrigation water is recommended before use.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-mpi.com>
CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

VineAgra is a registered trademark of Loveland Products, Inc.

GUARANTEED BY: LOVELAND PRODUCTS, INC.® • PO BOX 1286 • GREELEY CO 80632-1286



Density: 10.67 lbs/gallon @ 68°F
Net Contents: 5 gallons (18.9 L)
Net Weight: 53.35 lbs (24.22 kg)
product code: 1000546729



Density: 10.67 lbs/gallon @ 68°F
Net Contents: 30 gallons (113.56 liters)
Net Weight: 320.1 lbs. (145.3 kg)
product code: 1000546733



Density: 10.67 lbs/gallon @ 68°F
Net Contents: gallons (liters)
Net Weight: lbs. (kg)
product code: 1000546732