



775 North 350 E
Rockville, IN 47872
765-569-3555
(Certified Organic By OREFA)



KingPeter Seed

ORGANIC MEDIUM RC

PURITY:	65.55%	LOT:	OR-016270C
CROP:	0.08%	GERM:	59%
*INERT:	34.29%	HARD SEED:	32%
WEED:	0.08%	TOTAL:	91%
NOXIOUS:	NONE	ORIGIN:	CANADA
TESTED:	06/18	NET WEIGHT:	50 LBS

*Inert Contains 34.00% Coating Material
QUALITY CONTROL NO. 88-18-1888
COATED WITH APEN GREEN™

INOCULANT: N-DURE TRUE CLOVER INOC LOT: Q-189 EXPIRATION: 11/31/19

NOTICE TO BUYER: We warrant that seeds sold have been labeled as registered under state and federal seed laws and that they conform to the label description. We make no other or further warranty, expressed or implied. No liability whatsoever shall be asserted unless the buyer or user reports to the manufacturer within a reasonable period after discovery (not to exceed 30 days) any conditions that might lead to a complaint. Our liability in this warranty is limited to amount to the purchase price of the seeds.

****NOT FOR HUMAN OR ANIMAL CONSUMPTION****

ORGANIC MEDIUM RC

NOTICE TO BUYER: EXCLUSION OF WARRANTIES

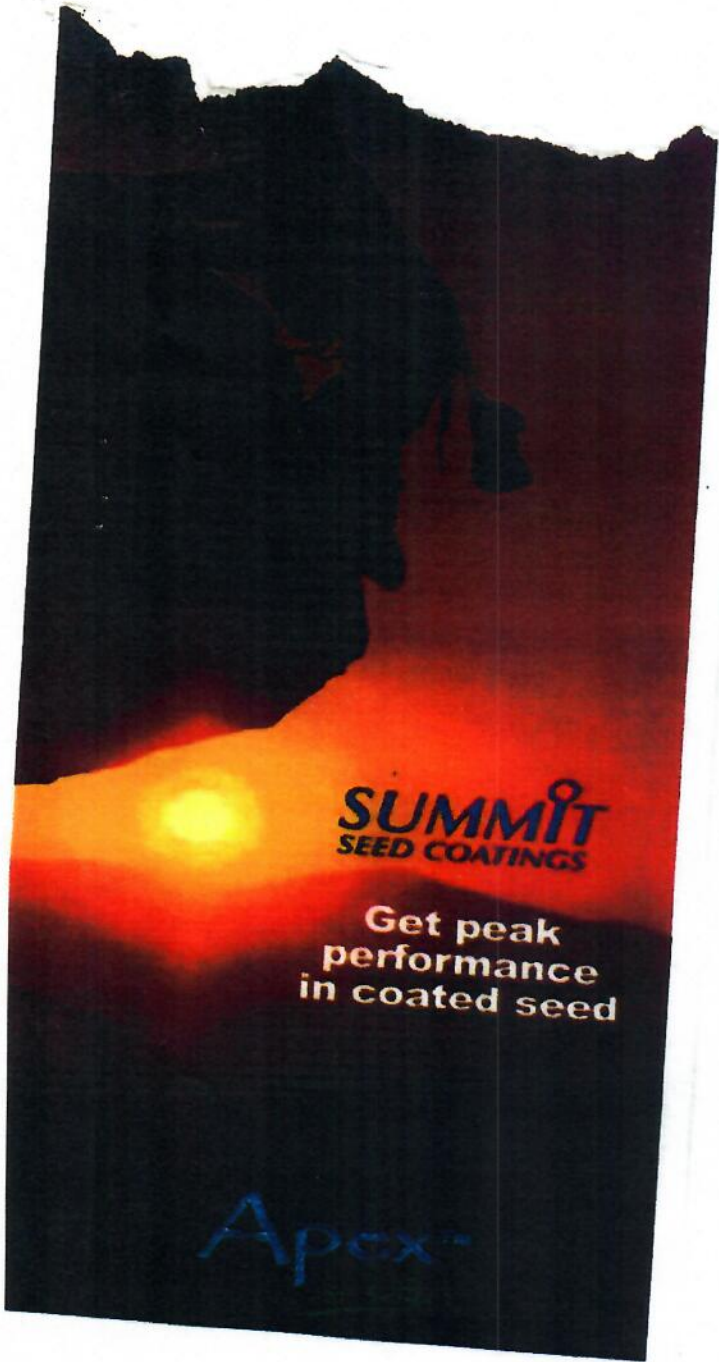
SELLER WARRANTS THAT THIS SEED CONFORMS TO THE LABEL DESCRIPTION, AS REQUIRED BY FEDERAL AND STATE SEED LAWS. SELLER MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE.

LIMITATIONS OF DAMAGES AND REMEDIES

LIABILITY FOR DAMAGES FOR ANY CAUSE, INCLUDING BREACH OF CONTRACT, BREACH OF WARRANTY, AND NEGLIGENCE, WITH RESPECT TO THIS SALE OF SEEDS IS LIMITED TO A REFUND OF THE PURCHASE PRICE OF THE SEEDS. THIS REMEDY IS EXCLUSIVE. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS.

NOTICE: ARBITRATION/CONCILIATION/ MEDIATION REQUIRED BY SEVERAL STATES

UNDER THE SEED LAWS OF SEVERAL STATES, ARBITRATION, MEDIATION OR CONCILIATION IS REQUIRED AS A PREREQUISITE TO MAINTAINING A LEGAL ACTION BASED UPON THE FAILURE OF SEED TO WHICH THIS NOTICE IS ATTACHED TO PRODUCE AS REPRESENTED. THE CONSUMER SHALL FILE A COMPLAINT (SWORN FOR AR, FL, IN, GA, MS, SC, TX, WA; SIGNED ONLY IN CA, IN, ND, SD) ALONG WITH THE REQUIRED FILING FEE (WHERE APPLICABLE) WITH THE COMMISSIONER/DIRECTOR/SECRETARY OF AGRICULTURE, SEED COMMISSIONER, OR CHIEF AGRICULTURAL OFFICER WITHIN SUCH TIME AS TO PERMIT INSPECTION OF THE CROPS, PLANTS, OR TREES BY THE DESIGNATED AGENCY AND THE SEEDSMAN FROM WHOM THE SEED WAS PURCHASED. A COPY OF THE COMPLAINT SHALL BE SENT TO THE SELLER BY CERTIFIED OR REGISTERED MAIL OR AS OTHERWISE PROVIDED BY THE STATE STATUTE.



TREATED SEED

This bag may contain seed that has been treated with one or more of the below mentioned, at rates specified by the manufacturers. See the analysis tag for list of applied treatments

HYDROLDC® Specially formulated additive for increased water absorption
 MST® Commonly referred to as Myco Seed Treat

WARNING

TREATED SEED. DO NOT USE FOR FEED, FOOD OR OIL PURPOSES. STORE AWAY FROM FOOD AND FEEDSTUFF. DO NOT GRAZE OR FEED LIVESTOCK ON SEEDS AREA FOR FOUR WEEKS AFTER PLANTING.

KEEP OUT OF REACH OF CHILDREN.

PRECAUTIONARY INFORMATION FOR TREATED SEED - Hazardous to Humans and Domestic Animals -DO NOT allow children, pets or livestock to have access to treated seed. Causes substantial but temporary eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Wear long pants, long-sleeved shirt, shoes and socks, chemical-resistant gloves made of waterproof material, and protective eyewear when handling treated seeds. Wash thoroughly with soap and water after handling and before eating, drinking, shaving, using tobacco or using the toilet. Remove contaminated clothing immediately and wash thoroughly. Call a poison control center or doctor immediately for treatment advice if swallowed or in eyes. If swallowed, have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by poison control center or doctor. Do not give anything by mouth to an unconscious person. If in eyes, hold eyelids apart and flush eyes with plenty of water for at least 15 minutes, remove contact lenses if present after first 5 minutes and continue rinsing. After seeds have been planted, do not enter into treated areas for 48 hours, except that workers may enter without restriction if there will be no further contact with soil/media subsurface that has been treated. Have product label with you when calling a poison control center or doctor or going in for treatment. In case of a medical emergency involving these products call SYNGENTA 24 hour Medical Emergency hot line: 1-800-800-8872 and BASF Corporation at 1-800-952-HELP(4357) and Summit Seed Coatings at (866)16-7827 or dial 911.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present. Do not contaminate food, feed, domestic or irrigation water supplies, lakes, streams and ponds. In cleaning of equipment or disposing of wastes, do not contaminate water used for human or animal consumption or by wildlife and aquatic life or for irrigation purposes. If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

NIVRAGIN® GOLD FERTILIZANT. Nitrogen-Fixing Bacteria for Alfalfa contains *Sinorhizobium meliloti* strain NRC-100-t. Reg No. 090046A. Fertilizers Act

This seed has been inoculated with Nivragin Gold which provides beneficial, living nitrogen-fixing bacteria to the seed. Heat harms bacteria. Store in a cool dry place. Re-inoculate after expiration date or if seed has been stored in high temperatures. Do not use water-based slurry mixture to re-inoculate coated seed. Many factors including seed storage, weather, soil, farming practices and many other factors besides inoculation can affect nodulation and crop yield even when used in accordance with label directions.

APPROPRIATE Summit Seed Coatings warrants that at the time of shipment, the coated seed was inoculated with sufficient nitrogen fixing bacteria to inoculate the quality and type of seed specified on the label. Summit Seed Coatings makes no other warranty, expressed or implied as to suitability for a particular purpose. Since conditions of storage, weather, soil, farming practices and other factors beyond our control determine the performance of this seed coating, the buyer assumes all risks incident thereto.

Coated seed will attract and absorb moisture. Do not leave the coated seed in the planter overnight. Further, under conditions of high humidity it is recommended that the seed flow through the planter be checked periodically.

NOTICE: Arbitration/Competition/Restrictions

Under the seed laws of several states arbitration, mediation or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed to produce to representation. Buyer must file a complaint with the Commissioner (Director/Secretary of Agriculture, Seed Commissioner (S), or Chief Agricultural Officer within such time as to permit inspection of the crops, plants or trees by the designated agency and the seedman from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute.

OMRI™
Listed
 Organic Materials Review Institute

2019 T4 Red Clover Frost Seeding.

Target Rate: 12 lbs pure live seed per Acre.

- $PLS = \frac{\% \text{ pure} \times \% \text{ Germ}}{100}$ ↓ PLS
- $PLS = \frac{65.55 \times 59}{100}$
- $PLS = 38.67$
- $12 \text{ lbs/A} \div 38.67 = 31.03 \text{ lbs/A}$
- Target ~~Rate~~ = 31.03 lbs/A to achieve 12 lbs/A PLS

Speed 5 mph

- $5 \text{ mph} = 26,400 \text{ ft per hr}$
- $26,400 \text{ ft/hr} \div 60 = 440 \text{ ft/min}$
- $440 \text{ ft/min} \times 15 \text{ ft wide} = 6600 \text{ sq ft}$
- $6600 \text{ sq ft} / 43560 = .151515 \text{ Acres. in 1 min}$
- $.151515 \div 8 \text{ deflectors} = .018939 \text{ A per tube in 1 min}$

— $30 \text{ lbs/A} \times .018939 \text{ A} = .5682 \text{ lbs per tube in 1 min}$

- $.5682 \text{ lbs} \times 454 = 257.95 \text{ grams per tube in 1 min}$
- Target per tube in 1 min = 258 grams

— Grams per min = Grams per A × mph × width (in)

width = 8 deflectors 15' wide 5940

$15 \times 2 = 30 \text{ in} \div 8 = 22.5$

Grams/A = $30 \text{ lbs/A} \times 454 = 13620$.

- Grams per min = $\frac{13620 \times 5 \text{ mph} \times 22.5}{5940}$

- Grams per min = 257.95 grams 258 grams/min

Start with equation

Red Clover Seed Calibration

- Target 258 grams per min

Test #	Bag 1	Bag 2	Bag 3.
1	198.53	195.57	193.87
2	230.21	227.36	231.79
3	240.35	246.34	243.03
4	264.32	267.95	268.63
5	260.54	264.72	265.52
6	287.95	263.32	264.37
7	257.04	259.28	261.46.
8	255.81	257.48	259.76