

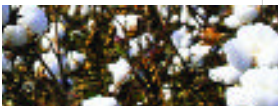


CELEBRATING EXCELLENCE

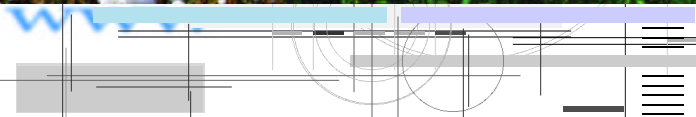
applications

progress

technology



078
120.9
1.450





the Company



KANNAR is an international manufacturer and marketer of specialty Polymers and Colorants for the Seed Industry, Forestry, Agriculture and Turf Management. Our Business is based on two fundamental principles: Product Development and Customer Service.

From U.S. manufacturing company to international business concern, our growth is the result of our product development.

It is our belief that only through innovation can we achieve the combination of quality, efficacy and affordability that our customers demand.

In order to meet the high standards which we have set for ourselves, we equip our research and development facilities with only world class technology. High performance and state-of-the-art instruments are only some of the tools available to Kannar researchers.

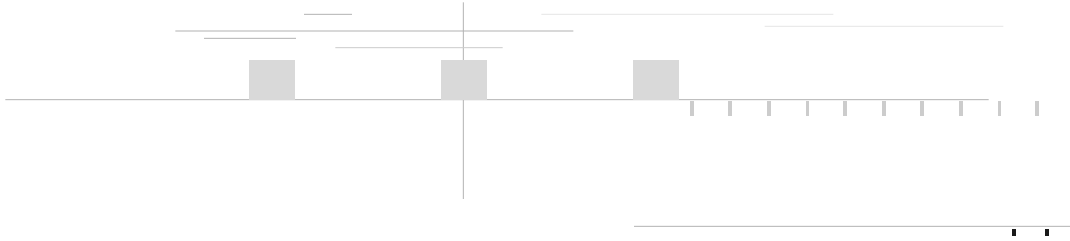
We operate our own Seed treatment facilities to enhance seed appearance, chemical retention, dust control, flow ability, weight added and other aspects of seed preservation.

Kannar welcomes cooperative research with agricultural universities and research institutes globally.



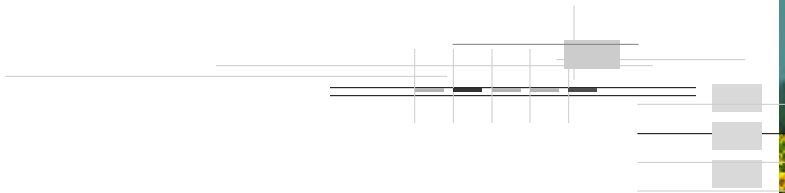
We believe that our commitment to customer service is what sets Kannar apart from others. Kannar takes great pride in developing and maintaining solid relationships with both our customers and distributors.

Our research and development facilities are continually in contact with our markets in various locations. In addition to Kannar World Headquarters in Cleveland, Ohio, there are facilities located in South Africa and Europe.



Product Development and Customer Service are not just corporate phrases. Rather, they are Kannar's promise to our customer and our commitment to the future. We constantly strive to deliver the broadest range of quality products to our customers around the world. The breadth of this commitment is evidenced in the Kannar product lines.

We are proud to present this showcase to you and we trust that you will be impressed with our technology, innovation and impeccable quality.





the product



KANNAR - CELEBRATING EXCELLENCE



Welcome to our portfolio of prestigious seed and turf conditioning products. It includes a wide range of safe and environmentally friendly seed and plant colorants and coatings.

Kannar seed coatings are used worldwide and meet local government and environmental requirements for use on seed. They are compatible with seed conditioning and planting equipment. They are also used and applied with seed protecting treatments.

Kannar polymer research is based in England, France, USA and South Africa.

We have a large data base of the use of our products on all continents, application, planting equipment, seed types, environmental conditions and storage.

We specialize in seed coating and polymer research on behalf of our customers.

KANNAR PRODUCT RANGE SEED APPLICATIONS

KANNAR CC RANGE OF SEED COATING PRODUCTS

These products are developed for specific customer requirements and can be registered for the exclusive use of that customer. An exclusive and non-disclosure agreement is signed with the customer.

KANNAR CS RANGE OF SEED COATING PRODUCTS

These are a seed coatings that can provide dust control, seed flow ability and colorants. These seed coatings are used in all basic conventional seed conditioning equipment, where all products are applied in a single application, with no drying, polishing or other facilities. The Kannar CS range of seed coatings are a single liquid formulation comprising of dust control polymers, spreading and flow agents and organic pigments. We have a wide range of reflective and non-reflective colors

KANNAR BS RANGE OF SEED COATING PRODUCTS

These are seed coating components that can be used in single or multiple applications according to the specific requirements of our customers. Precise levels of dust control, moisture and gas exchange, polymer hardness or flexibility, pH and a brilliant range of color choices can be achieved.

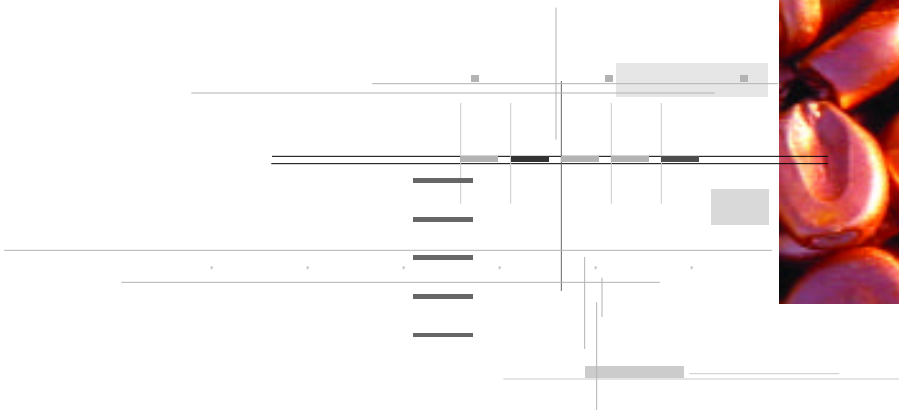
THE PRODUCT

We introduce our range of seed colorants and coatings. First impressions are vital, and these are formed when a farmer opens your bags of seed.

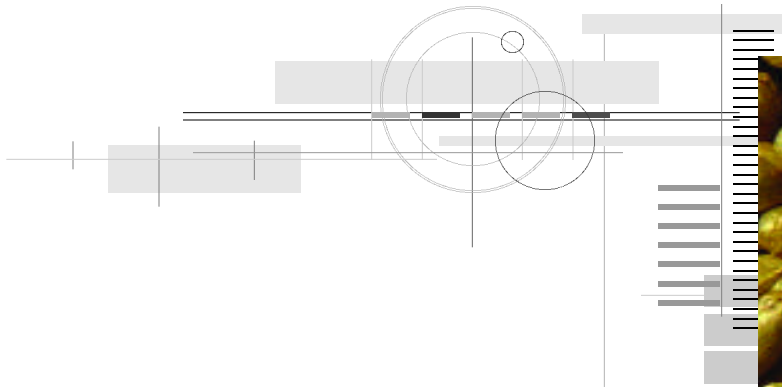
We at Kannar realize this and will do all we can to assist you in showing the superiority of your products to your clients. Long-term impressions which build trust are also important.

This happens when year after year a farmer experiences good coverage and colors, dust control, ease of planting and excellent germination and seed vigor.

We at Kannar understand the importance of confidence and long-term relationships. We build safety and reliability into our seed coatings to match that of your seed. Thus, in the ensuing years and under all conditions of use, trust is the natural outcome.

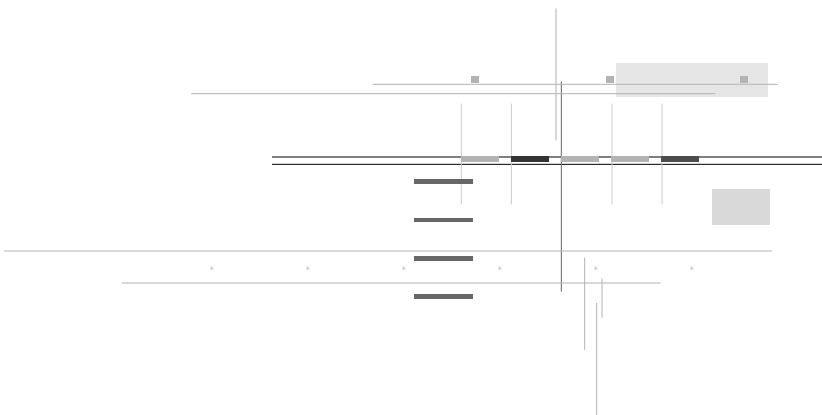
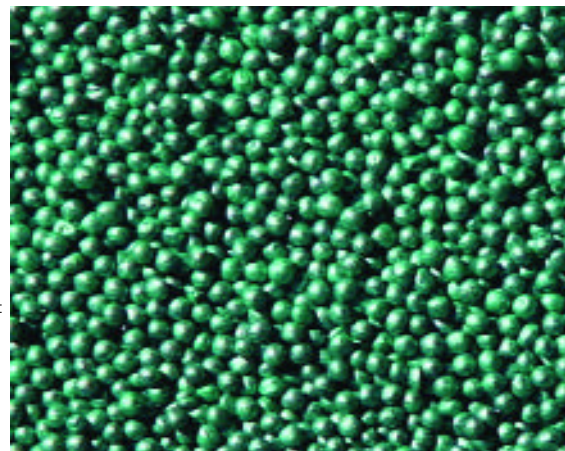
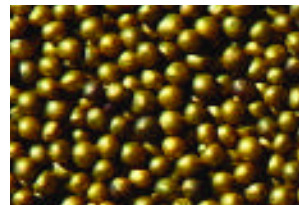
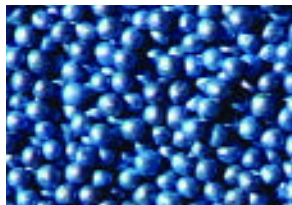








canola





custom applications



KANNAR SPECIALIZED SEED COATINGS

WEIGHT AND SIZE INCREASES FOR ALFALFA, GRASSES AND PASTURES

Kannar has an excellent range of seed coatings that add size and weight to alfalfa, grass and pasture seeds. These products are user friendly and easy to apply.

Kannar Agripol 1201

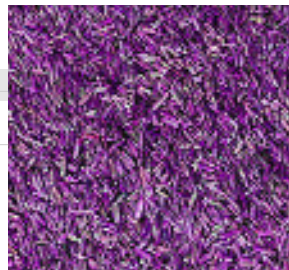
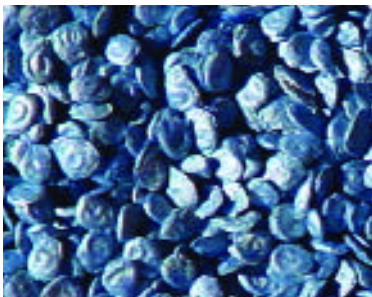
We encourage our customers to use local, easy to obtain and in-expensive materials to build up their seed weight and size. Kannar Agripol 1201 is used to bind these inert materials into an excellent seed coat.

Kannar Grass Weight Adjustment 1202

Kannar Grass Weight Adjustment 1202 is used when there is a requirement to plant grass or other seed types from aircraft. This product flows easily through the aircraft planting mechanism and is designed to avoid aerial drift. It is used in conjunction with Kannar Agripol 1201. It can also be used in the planting of rice seed.

Kannar Inert Enhancer 1203

Kannar Inert Enhancer 1203 is used to enhance inert materials that are used to add weight and size to seeds. This product enables the free flow of air and water to the seed even where a large amount of inert materials have been added to the seed. It also assists germination after planting.



KANNAR CUSTOM PRODUCT RANGE

These are products that are developed for specific customer needs. For more information please contact Kannar at support@kannarinc.com



KANNAR TURF ENHANCING PRODUCTS

Kannar Turf Colorants. These are found on all major golf courses and playing fields of the world. Our best representatives are media professionals who appreciate the excellence of our products and will often request their use when photographing international sporting events. We do not try to improve on the perfection of natural colors but rather simply imitate nature at her best. Our colors are best used when turf is under stress due to climatic or other factors. We return the original vividness to greens, water features, fairways and playing fields.

KANNAR PRODUCT RANGE – TURF ENHANCING PRODUCTS

1 KANNAR NATURAL GREEN – TURF COLORANT

This product has been developed to bring a pristine natural green color to golf courses, race courses, sports fields, lawns and where ever the beauty of natural green color is required.

Kannar Natural Green does not stain sports equipment, clothing etc. and will not lose its color perfection under adverse weather conditions.

It is easy to apply and Kannar's customer support representatives are available to assist you with your turf management program.

2 KANNAR NATURAL LAKE – WATER

Kannar Natural Lake has been developed to imitate the color of the world's most beautiful natural lakes.

It can be used in all types of water features

It will not harm aquatic life or the environment and comes in user friendly, easy to apply water-soluble bags.

3 KANNAR MULCH COLOR

These will bring beauty and lasting color to your mulch. They have a high degree of light fastness and are stable under extreme weather conditions.



PRODUCT SUPPORT

The sales of all our products are backed by an excellent service and support program. Please contact our support division who will be able at your convenience to demonstrate the use of our products for your particular needs.



KANNAR ORGANIC PLANT PROTECTANT PRODUCTS

Kannar Plant Protectants. We are an international company and realize that we have a great responsibility to care for this world in which we live. We, therefore, focus our time and research efforts into developing products, such as natural insect repellants and fungicides, that are environmentally friendly. We invite our clients to participate in our research and development programs because we believe that by cooperating closely we can further expedite significant breakthroughs.

Our product range includes:

KANNAR INSECT CONTROL AND REPELLANTS

These products include derivatives of Neem, Pyrethrums and Garlic.

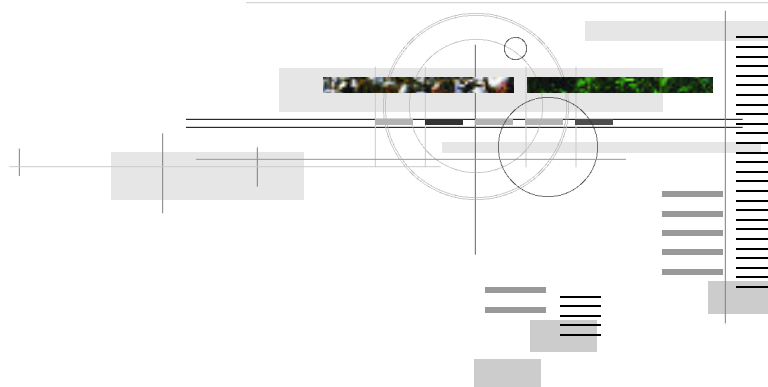
KANNAR FUNGI CONTROL

These products include derivatives of various seed types.

The above products have a wide range of effective applications.

Please contact our organic support team for further information and assistance at:

organics@kannarinc.com





World Headquarters

P.O. 91337
Cleveland, Oh. 44101
t. 216-241-7600
f. 216-241-6445

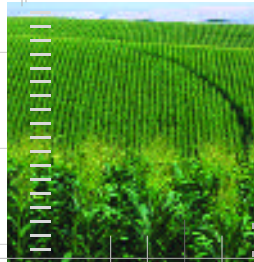
for information on seed:
seed@kannarinc.com

for information on turf:
golf@kannarinc.com

for information on organics:
organics@kannarinc.com

for general information:
support@kannarinc.com

www.kannarinc.com



1.4

128.0

.458