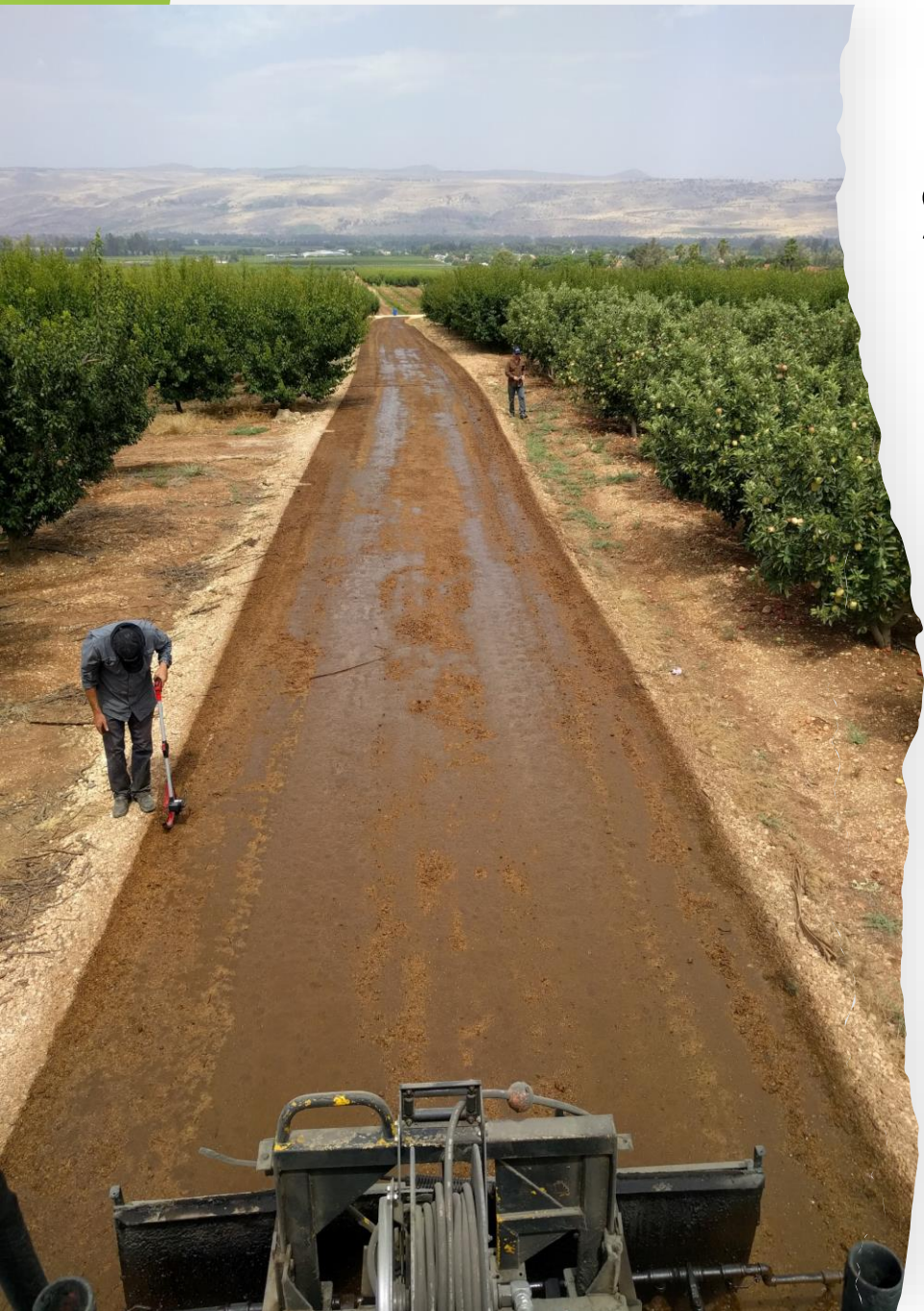




مجموعة ولم للاستثمار
WALM INVESTMENT GROUP

Dust Control and Road Stabilization Solution



SOLUTION GENERAL DESCRIPTION

- Engineered to be safe, easy to apply, cost-effective and long-lasting.
- Developed for dust control, erosion control, base stabilization for a variety of industries and utilizing multiple types of application methods.
- Our product line is considered an environmentally safe solution.
- It is quick and easy to apply.

GENERAL DESCRIPTION

- ▶ It is a Biopolymer Modified Asphalt emulsion.
- ▶ Works as a stabilizer (as well as dust control) by coating soil particles and physically altering the soil property by binding the particles together.
- ▶ Non-ionic in nature and will work well with cationic and anionic soils and aggregates.
- ▶ Formulated with surfactants to help break the surface tension of soils and aid in compaction.
- ▶ Shipped as liquid concentrate.
- ▶ Diluted with water prior to application.
- ▶ The Solution is water dilution ratio varies depending upon the aggregate, thickness of the aggregate, soil moisture conditions, whether conditions and the type of road that is treated.



SOLUTION COMPOSITION

► DC/RS solution is formulated to ensure the highest level of safety to humans and the environment

► DC/RS solution is composed of:

A- Bituminous emulsion

B- Bio-polymer

C- Emulsifiers/Surfactants

D- Stabilizers





SAFETY INFORMATION

- Free of hazardous organic solvents
- Non-flammable
- Non-carcinogenic
- Non-hazardous to aquatic life
- Non-hazardous to mammalian life



WHY TREAT AGAINST DUST?

- ▶ The dust caused:
 - ▶ • Harmful to health of humans and animals
 - ▶ • Causes mechanical damage in bearings , air/Turbo systems of engines and so on.
 - ▶ • Reduces visibility on unpaved roads.
 - ▶ • Harms natural and friendly enemies which protect our crops and cause an increase in the population of damaging pests & insects
 - ▶ • Creates reduction of photosynthesis and inability to absorb nutrients through the foliage.
 - ▶ • Erosion of the thin/fine raw material on unpaved road creates the dust
 - ▶ • **When the raw material turns to dust due to traffic, it is actually as if the money we invested to create the road, is now, blowing in the wind!**

Our Solution

- ▶ • Specifically formulated to bind and interact with unpaved and/or stabilized road.
- ▶ • **Dust Control will:**
 - ▶ Waterproof the stabilized road.
 - ▶ Enhance the longevity of the stabilized road by providing a durable wearing course.
 - ▶ Mitigates fugitive dust that can occur over time due to vehicular erosion.
 - ▶ Provides extra traction on stabilized clays under rainfall conditions.

Examples





Temporary road



Helicopter Land Site



Farm Roads



Roadside for Water
Channel Cutting

Potential use



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