



User Instructions

Shine N' Ripe XL Orchard Films

SHINE N' RIPE XL: Shine N' Ripe XL is a walkable, metalized film with a protective coating for multiyear crop protection against disease-transmitting insects and local weeds. As well, it is a growth accelerator and generator of a specific microclimate for saplings in citrus groves or fruit orchards when applied and used properly.

STORAGE: Rolls not being used should always be stored in the original packing, away from moisture, direct light and heat sources. Furthermore, rolls must be transported with care and placed in a horizontal position on a smooth surface in order to avoid crushing and deformations.

WARNING: Damaged parts of the film originating from transport or unsuitable storage should not be used.

SOIL PREPARATION: For optimum results the soil must be loose and friable prior to laying of the mulch and free of stones or residuals from preceding crops in the soil.

In order to obtain efficient film support, it should be laid on preformed beds. The beds should be firm, compacted and higher in the center to prevent the formation of shallow depressions, which leads to water and dirt collecting on the covering film. Water and dirt on the surface reduces the film's insect interception and growth acceleration ability.

The bed intended to be covered with the film must contain sufficient moisture at field capacity.

WARNING: Do not install film on loose soil or ground depressions.

Remove stones, clods, undecomposed plant residues, and other objects from the soil that can damage the film before installation.

Remove excessive dirt and water collected on the film.

FILM LAYING: Shine N' Ripe XL can be laid using conventional plastic mulch laying equipment. However, the tension needs to be adjusted properly to prevent rupturing of the metal layer and/or protective coating.

The film must be held firmly on the soil, in order to avoid wind damage, by covering at least 4 inches of both edges (tucks) with a generous amount of soil to keep it in place. In areas with strong winds it is recommended to increase the tuck area.

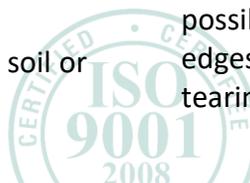
WARNING: Do not apply excessive tension when laying films or lay the film on excessively dry or wet, recently fertilized or pesticide treated soil.

IRRIGATION: It is recommended to use buried irrigation tubes. Placing the tubes under the soil favors the film's integrity and prevents "wiggling" of the tubes caused by the water warming up inside the tube.

Wiggling of irrigation tubes will cause abrasion and tearing of the film short-term.

WARNING: Do not place irrigation tape directly underneath or on top of the film.

PLANTING HOLES: It is recommended to use sharp tools and to make the smallest possible seedling holes with neat, clean edges to maximize soil coverage and resist tearing of the mulch. It is also





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recommended to use a mulch hole burner for making cylindrical holes in the film and resealing the cutting surface.

Dull cutting tools can initiate delamination of the film's protective coating, which will cause rapid corrosion of the metal layer and destroy its insect interception and growth acceleration ability.

WARNING: Do not use dull cutting tools.

LIFESPAN: The integrity of Shine N' Ripe XL film on the soil depends on the interaction of a range of physical and environmental factors present in the field, including soil moisture, temperature, sunlight and applied agrochemicals.

Agrochemicals are any chemical used in agriculture including liming and acidifying agents for adjusting soil pH, soil conditioners, fertilizer, pesticides, plant growth accelerators and adjuvants used in the preparation of pesticide formulations or tank mixture spray solutions.

Crops grown on Shine N' Ripe XL can be treated with pest control and nutritional products with a pH between 6.5 and 7.5, when used according to label rates.

Certain adjuvants, pesticides and micronutrients registered for the use on citrus can penetrate the anti-corrosion coating and cause discoloration or rapid corrosion of the film's metal layer, diminishing or destroying its insect interception and growth acceleration efficacy.

Experience shows that Shine N' Ripe XL's metal layer maintains effective reflectivity for insect interception and growth acceleration for at least three years under regular conditions. However, lifespan varies with the intensity and duration of exposure to environmental conditions as well as the type and quantity of agrochemicals used in the agricultural process.

WARNING: ALWAYS test the corrosive power of each agrochemical and each tank mixture of agrochemicals on a small area of the film before permanent use.

Do not use petroleum or vegetable seed spray oils, acid adjuvants for herbicide applications, or petroleum based solvent containing pesticide formulations like Emulsifiable Concentrates (EC), Micro emulsion (ME), Oil Dispersion (OD).

AFTER HARVEST: At the end of the crop cycle residual Shine N' Ripe XL can be safely recycled or disposed in compliance with state and local regulations.

