

ECO-ONE OXO-DEGRADABLE PLASTIC MULCH

Eco-One Totally DEGRADABLE Plastic Mulch.

Both clear and black Eco-One oxo-degradable plastic mulch have been used and sold successfully for several years. Eco-One is able to be sold in various widths to serve your needs. Eco-One oxo-degradable mulch films provide the strength required to ensure a tight fit over raised and flat beds, while improving growing conditions.

Benefits of Eco-One OXO-DEGRADABLE Plastic Mulch:

- Saves you time and money – completely degradable so there is no pick-up or disposal - no labor, no cleanup and no landfill.
- Eco-One has all the benefits of regular mulch such as increased yields, easy installation, earlier harvest, soil warming, weed control and moisture retention.
- Environmentally sound degradation: Laboratory studies indicate that this degradable plastic breaks down into CO₂, H₂O and biomass without toxic residues.
- Degrades fully both above and below the soil.
- Eliminates pickup and disposal costs.

Distributed By:

Robert Marvel Plastic Mulch
2425 Horseshoe Pike
Annville, Pa, USA
17003
1-800-478-2214



ECO-ONE OXO-DEGRADABLE PLASTIC MULCH FROM ECO-LIGHT

Phase 1. Application and Transplanting.

Laying of this oxo-degradable film and transplanting can be done using the same equipment as used for conventional plastic mulch.



Phase 2. Growing and Harvesting.

Expect all the benefits of conventional plastic mulch.



Phase 3. No Pickup or Disposal

No cost or time is required to pickup Eco-One oxo-degradable plastic.

Phase 4. Working the Field

After working the soil the field can be plowed down and the film residues will continue to degrade breaking down into CO₂, H₂O and biomass.



Eco-One OXO-Degradable mulch should be used with an understanding of the product, which is provided on the purchase order

ECO-ONE OXO-DEGRADABLE PLASTIC MULCH

GUIDELINES FOR USING ECO-ONE OXO-DEGRADABLE MULCH FILM

Handling of this Specialty Product

- Avoid stacking pallets; handle the rolls with care and do not let them drop
- Store rolls in an area that are: COOL, DRY and NOT EXPOSED TO BRIGHT LIGHT
- Rolls are intended for immediate use; keep unused portions wrapped in original packaging and repack tightly to avoid trapping air
- Storage of rolls for future growing seasons may reduce effectiveness of this product

Laying the Film in the Field

- Generally this film can be laid in the field in the same way as a conventional film
- Avoid excessive tension when laying the film as Eco-One oxo-degradable mulch film may be thinner than other mulch films you are accustomed to using
- Determine proper tension for your equipment by first laying a small amount of Eco-One oxo-degradable mulch film; and then periodically check while laying to ensure that tension is not excessive.
- Avoid other mechanical stress which can alter the rate of degradation (i.e. do not walk on the film; avoid flapping from wind by adding soil as needed at points along the film)
- When planting, perforating with an O-shape is preferable over a T or Y-shape to limit the risk of the mulch film prematurely splitting
- For best results, plant through the film immediately (preferably within a couple of days of laying it as the degradation process is accelerated once the film is laid)
- Lay Eco-One oxo-degradable mulch film over soil that is well worked and sufficiently free from clumps, stones etc. to avoid punctures of the film

At the End of the Season

- The buried portions of the film may degrade slower than the un-exposed portion. Working the soil will accelerate degradation of the buried strips
- Initially, disc or rotovate on a slight angle across the lines of planting to break the buried strips into about 2-inch size scraps which will continue to degrade
- A rotating tool with L-shaped blades will allow cutting the buried strips without tangling in the blades

FIRST YEAR USE OF THIS FILM SHOULD BE TO TEST ITS PERFORMANCE IN YOUR SPECIFIC REGIONAL CONDITIONS BEFORE USING ON A LARGE SCALE

USE OF THIS FILM MAY REQUIRE ADJUSTMENTS TO FARMING PRACTICES FOR YOUR PARTICULAR CROPS

ANY LIABILITY OF THE MANUFACTURER IS LIMITED TO PRODUCT DEFECTS TO THE EXTENT OF THE VALUE OF THE FILM