

# ORIPOL AGROW-TEX™

A single material for multiple use in Farm Sector



## MULCHING PAPER

Mulching is the process of covering soil around the plant root area to insulate the plant and its roots from the effects of extreme temperature fluctuations.

### Benefits of Mulching

- Conserves soil moisture & Moderates soil temperature by insulating the soil surface
- Control weed growth under mulch film
- Reduces soil compaction caused by equipment and people
- Reduces soil erosion from wind or water
- Preventing leaching of fertilizers
- Reduces disease & Improves productivity
- Improves quality of produces, by eliminating contact between fruit and soil



NW textiles can also be made Photo - degradable, which gets disintegrated under sunlight over a time period.

## Advantage Non Woven...

Nonwoven Textiles mulch is replacing plastics.

It has been reported that during hot climatic conditions, using non-woven fabrics (polyester or polypropylene) in place of mulch film is also helpful in increasing yield marginally of vegetables, especially that of leafy vegetables.





## LOW TUNNEL GREEN HOUSE

Green house cover is essential for cultivation under hostile weather condition. Large green houses are expensive and unaffordable for common farmer, whereas low tunnel green house, is highly cost effective and is already in wide spread use by educated farmers.

## CROP & FRUIT COVER

Crop cover protects the crops from birds, rodents, insects, dust and weather. A small expenses made for wrapping the fruits with a non woven textiles, allows the fruit to get fresh air, without the insects and dusts. It improves the yield and increases the market value.



## GRAIN STORAGE BAGS

Nonwoven bags made of textiles, allow air to ventilate the content, which is suitable for storing certain agro commodities, & grains, which need aeration.

## POND LINING

Oripol Geo textiles, come in 3.2 m width, which can be joined on site to create a water proof layer lining for pond bottom to conserve water.



### ORIPOL INDUSTRIES LIMITED

REMUNA, BALASORE-756019. ODISHA, INDIA

TEL: 06782-224257. CELL: 8594999727, 8594999724, 9078089455

MAIL: [sales@oripol.net](mailto:sales@oripol.net) Web: [www.oripol.net](http://www.oripol.net)