

# RAVEN

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## SOILSEAL™ RM ROW MULCH FILM NON-BARRIER



### SELECT A BETTER FILM

Not all row mulch films are created equal, selecting the right film to perform optimally in the field requires research and proven results. SoilSeal™ RM is manufactured from linear-low-density premium polyethylene in a multi-layer film configuration to provide exceptional tear and impact strength, ease of installation and removal, and long-term field performance.

SoilSeal™ RM is manufactured using a blown-extrusion process that orients the film in both machine and transverse directions, providing superior strength characteristics. Many of the row mulch films used today are manufactured using a cast extrusion process, which can result in single direction orientation with lower overall physical properties. The blown film extrusion process also results in a lighter weight film with higher physical properties—contributing to less plastic during the disposal process. In competitive testing, SoilSeal™ RM film is over two times stronger than competitive cast-extruded films tested.

Raven SoilSeal™ RM row mulch film is co-extruded with premium grade polyethylene resins to provide superior strength and durability for optimal field performance.

## MAXIMIZE FIELD PERFORMANCE

SoilSeal™ RM row mulch film is formulated with premium resins and select thermal and UV stabilizers to provide the following superior performance characteristics.

- ✓ Outperforms competitive row mulch strengths by over 2 times
- ✓ Enhanced elongation & flexibility to easily conform to field surface
- ✓ UV stabilized for increased service life up to one season
- ✓ High strength polyethylene to survive install and removal duress
- ✓ Premium grade blown film for superior tear resistance

SoilSeal™ RM film can also aide in the reduction of topical chemicals applied for weed control and the labor to maintain.

## SURVIVE FILM INSTALL & REMOVAL

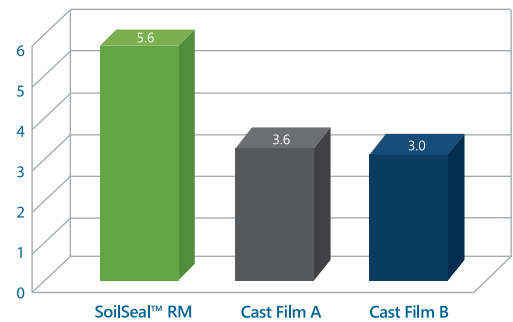
A superior mulch film should be able to survive installation and field removal without failures. SoilSeal™ RM surpasses expectations by providing the right balance of durability required to withstand installation duress, and the flexibility to easily conform to uneven surfaces. SoilSeal™ contains thermal and UV stabilizers to increase outdoor longevity for up to one season depending on the location.

## COMPARE LEADING MULCH FILMS

Compare SoilSeal™ RM against other leading row mulch films to see the clear leader in field performance. SoilSeal™ row mulch film was directly compared against two well known brands of row mulch film, and markedly outperformed the competition in all categories.

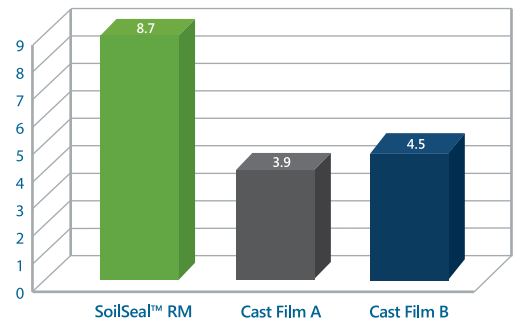
See the physical property test results in the graphs on this page for actual side-by-side film comparisons.

**PUNCTURE ASTM D4833 (LBF)**



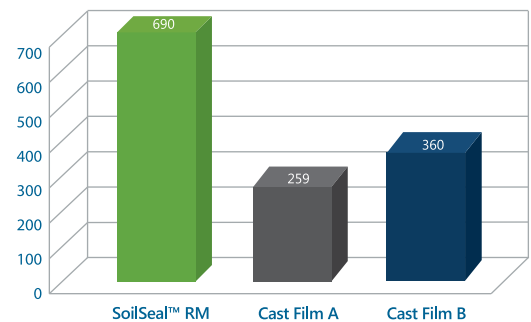
SOILSEAL™ RM = UP TO 86% HIGHER PUNCTURE RESISTANCE

**1" STRIP TENSILE ASTM D882 (LBF)**



SOILSEAL™ RM = UP TO 123% HIGHER TENSILE STRENGTH

**ELMENDORF TEAR ASTM D1922 (GF)**



SOILSEAL™ RM = UP TO 166% HIGHER TEAR RESISTANCE

### RAVEN ENGINEERED FILMS

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