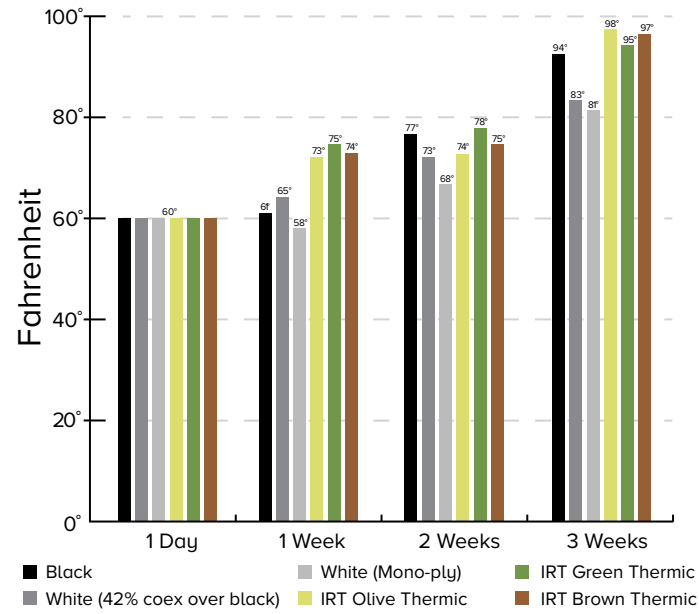


Affects of Color on Growth

The color of mulch film influences soil temperature, the surface temperature of the film, the light reflected to plants, and impacts plant and weed growth.

- Black: ideal for weed control, opacity, and UV blocking
- Brown: excellent for weed control and high yields
- White: brighter, reflective, typically 12°F cooler than conventional black films, and 4-8°F cooler than white over black film
- Clear: enhances germination, solarization, and fumigation
- Green: encourages higher marketable yields
- Olive: good weed control and good yields
- Black-over-White: typically 5°F cooler than black film

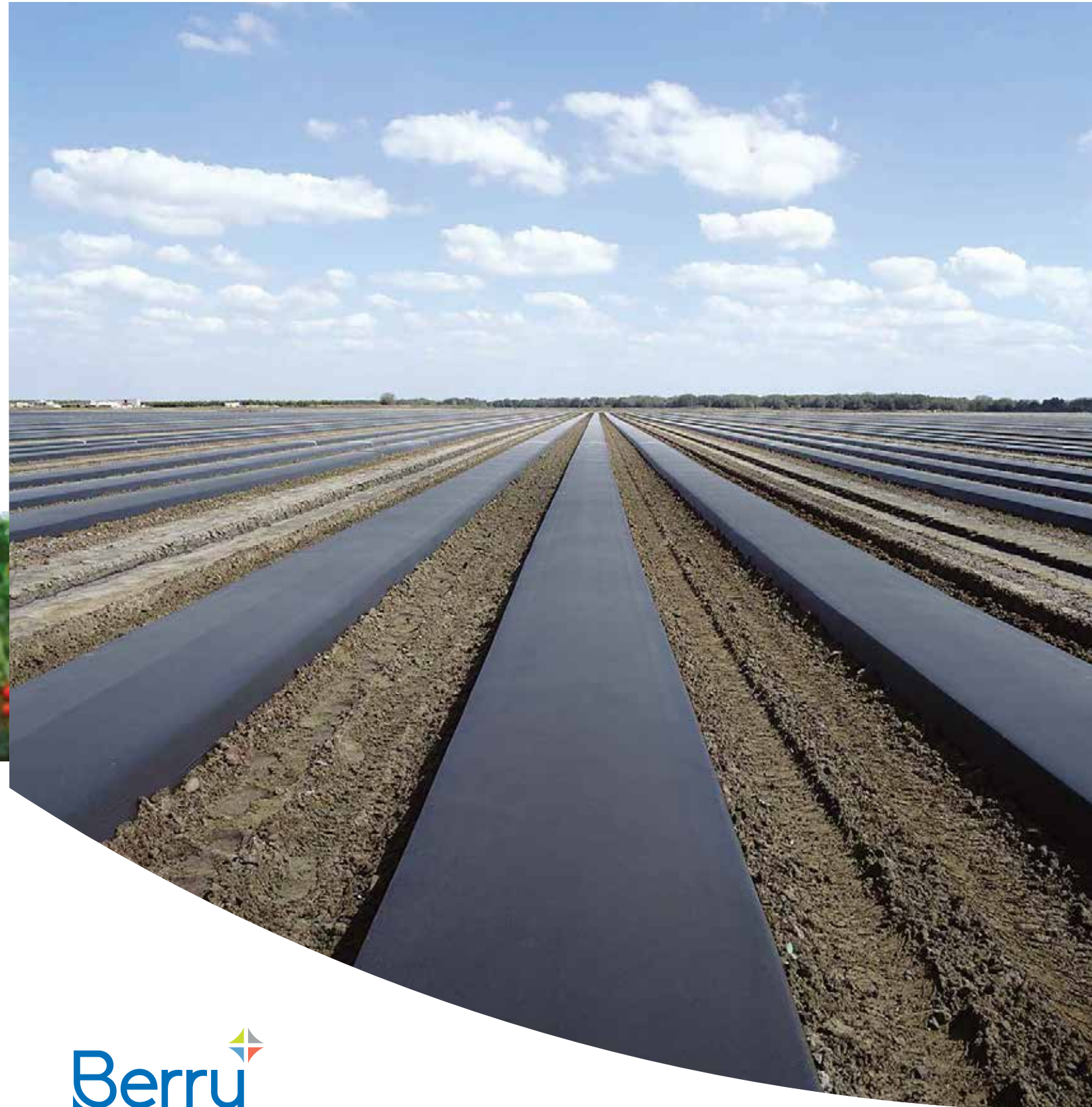
Affects of Film Color on Soil Temperature



University testing gives us this view of how different films affect growing conditions. The data in this table was generated in central Pennsylvania and is representative of 3 years of testing.

Agricultural Mulch Film

In Field Plant Protection



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Mulch Films



Innovative Solutions for the Agricultural Market

Putting more than 25 years of experience to work for our agricultural customers, Berry is a leading manufacturer of high-quality, climate-engineered plastic mulch.

Berry mulch films offer easy application and removal. Designed to help growers reduce their overall labor cost and improve yields, our offering includes an extensive range of film types to meet your requirements.

Berry maintains the highest standard of customer care with reliable delivery, technical support, competitive pricing, and our renowned product quality and performance.

Conventional Smooth and Embossed Mulch

Designed to control weeds and conserve water.

- Available in Smooth, Taffeta, or Micro Tough embossing.
- Gauge range: 0.6–2.25 mils
- Width: 24"–88"
- Length: minimum 2,000', standard 4,000'
- Colors: black, clear, and white
- MOQ required: black-over-white, red, blue, green, olive, and brown
- Life: one season, no longer than 9 months

Growing Your Business

Specialty Mulch

Thermic Mulch

Thermic mulch lets the sun's rays penetrate the soil better than black mulch, allowing warmth to burrow deeper. Beds also stay warmer overnight. Field tests in Rock Springs, Pennsylvania show that thermic mulch offers substantial increases in marketable yield over traditional black mulch.

- Available in Micro Tough embossing
- Gauge range: 1–1.4 mils for excellent vapor barrier properties
- Width: 24"–88"
- Length: minimum 2,000', standard 4,000'
- Colors: olive, green, brown, blue, and red
- Life: one season, no longer than 9 months

Black XL (Extended Life) Mulch

This mulch film, formulated with additional HALS UV, provides excellent weed control and is designed to help growers reduce their overall labor costs. It conforms to the Methyl Bromide High Barrier permeability requirement of California Department of Pesticide Regulation for bedded and non-bedded applications.

- Available in Micro Tough embossing
- Gauge range: 1.0–1.25 mils for superior vapor barrier properties
- Width: 24"–88"
- Length: minimum 2,000', standard 4,000'
- Color: black
- Life: one season, no longer than 12 months

Barrier Mulch

Blockade™ VIF Mulch

This mulch provides an intermediate vapor barrier, which encourages a reduction in fumigation rates.

- Available in Micro Tough embossing
- Gauge range: 1.1–1.5 mils
- Width: 24"–88"
- Length: minimum 2,000', standard 4,000'
- Colors: white, black, black/white, and black/silver
- MOQ required: red, blue, green, thermic green, and brown
- Life: one season, no longer than 9 months

Total Blockade™ TIF Mulch

Berry's highest vapor barrier film promotes a reduction in fumigant rates and increased fumigant retention, helping to lower emissions for improved effectiveness and work environments. This film also assists with maintaining efficiencies of Methyl Bromide (MB) alternatives, which may be needed to achieve local and EPA requirements.

- Embossing
- Gauge: 1.5 mils
- Width: 24"–88"
- Length: minimum 2,000', standard 4,000'
- Colors: black, black/silver
- MOQ required: green and brown
- Life: one season, no longer than 9 months

Designed for superior weed control, these films conform to the high barrier permeability requirement for the California Department of Pesticide Regulation for bedded and non-bedded applications. Standard, minimal barrier, and non-fumigant application.

