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The Effects of Liquid-coating Mulch Spray on Grow Undersoil Temperature in Komatsuna Greens (Brass

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This experiment was intended to examine the effects of a black liqui growth and yield of Komatsuna greens. Four treatments (1, 0.5, 0.2 amount were tested in combination with seeding date (Sep. 21st, O open field and the Jan. 22nd in a plastic film house). As a result, we

mulch increased yields of Komatsuna greens, unrelated to the spray daily highest soil temperature (-5 cm) under the mulching exceeded treatment however the daily lowest temperature were less than cont seeding at Sep. 21st. These phenomena were remarkable in the earl the differences in temperature between the control and mulch treatr during the growth. There was no significant difference in the hourly-during the first 10 days between the 4 treatments on same seeding d suggest that the expansion of the daily soil temperature range contri yields of Komatsuna greens.

Key Words: <u>daily temperature range</u>, <u>heat radiation</u>, <u>cumulative to</u> undersoil temperature, minimum undersoil temperature

[PDF (575K)] [References]

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