THE VISUAL AIDS ON THE FOLLOWING PAGES ARE FOR REFERENCE ONLY AND NOT INTENDED FOR OFFICIAL USE.

TO PURCHASE OFFICIAL VISUAL AIDS PLEASE CONTACT THE SPECIALTY CROPS INSPECTION DIVISION'S EQUIPMENT AND FORMS DEPOT

USDA, AMS, SCP, SCI
SCSupplyDepot@usda.gov
PHONE: 650-552-9073
FAX: 650-552-9147

EQUIPMENT CATALOG

WATERMELONS

Damage by Rind Worm Scarring

Watermelons
Rind Worm Scarring C-1
March 1990 (Previously 1963)

WATERMELONS

SLIDE 40 – MIXED VARIETIES

WATERMELONS

SLIDE 41 -- SHAPE

WATERMELONS

SLIDE 42 -- SHAPE

WATERMELONS

SLIDE 44 -- HAIL

WATERMELONS

SLIDE 45 – SCARRING HAIL

WATERMELONS

SLIDE 46 – RIND WORM

WATERMELONS

SLIDE 47 – WHITE HEART RIDGING

WATERMELONS

SLIDE 48 – WHITE HEART RIDGING

WATERMELONS

SLIDE 49 – WHITE HEART RIDGING

WATERMELONS

SLIDE 50 – WHITE HEART RIDGING

WATERMELONS

SLIDE 51 – WHITE HEART RIDGING

WATERMELONS

SLIDE 52 – IMMATURE EXTERNAL

WATERMELONS

SLIDE 54 – IMMATURE EXTERNAL

WATERMELONS

SLIDE 56 – HOLLOW HEART EXTERNAL

WATERMELONS

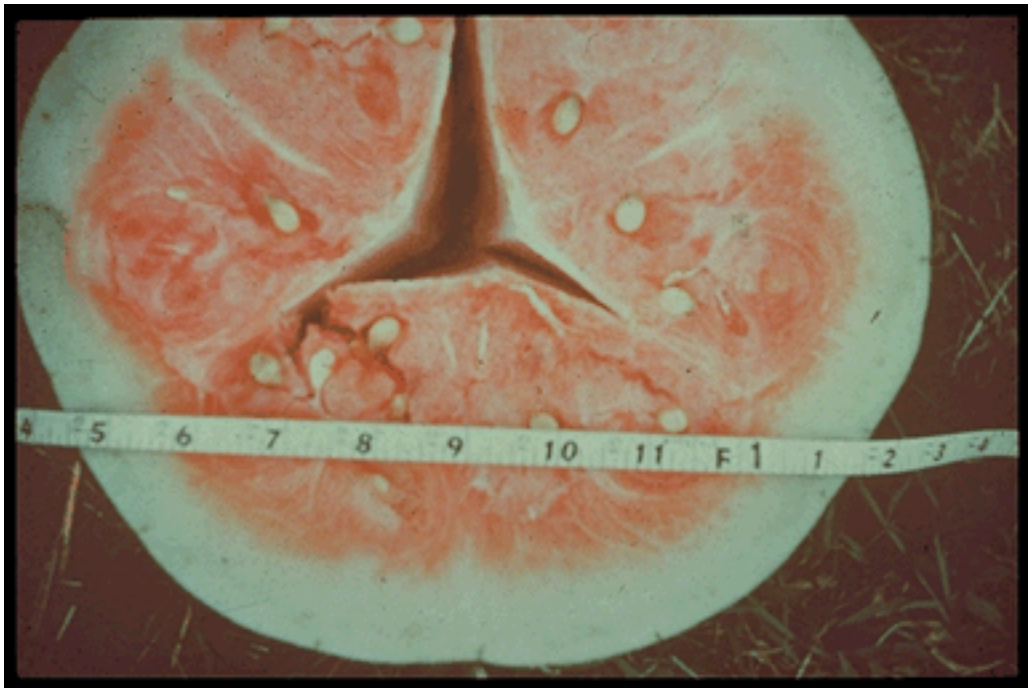
SLIDE 57 – HOLLOW HEART CULL

WATERMELONS

SLIDE 58 – HOLLOW HEART EXTERNAL

WATERMELONS

SLIDE 59 – HOLLOW HEART CULL



WATERMELONS

SLIDE 60 -- SUNBURN

WATERMELONS

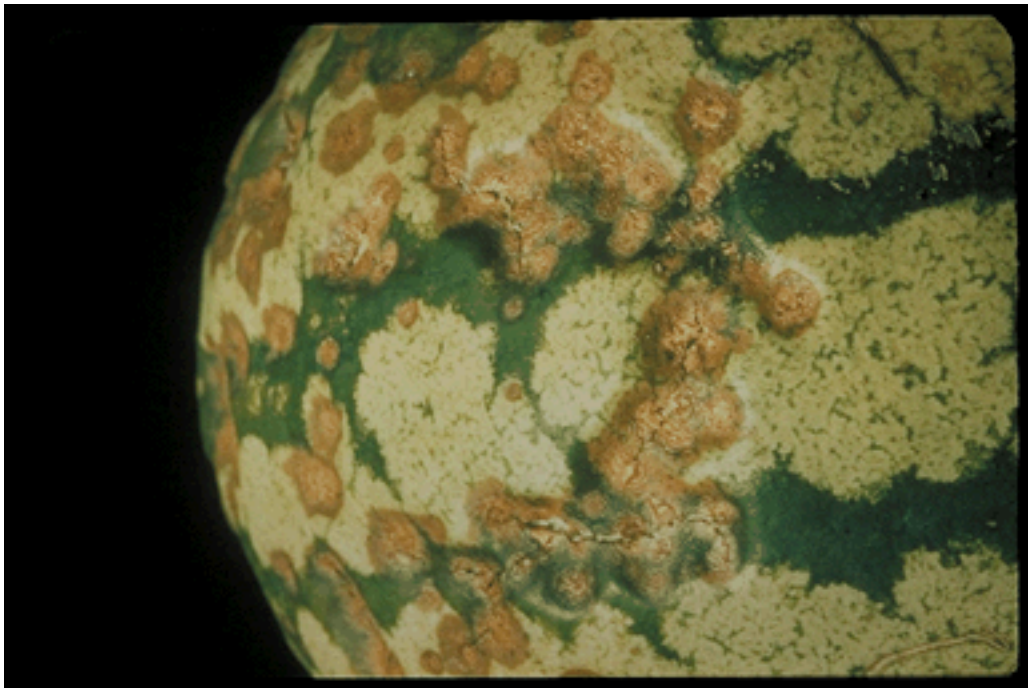
SLIDE 61 -- SUNSCALD

WATERMELONS

SLIDE 62 -- DECAY

WATERMELONS

SLIDE 63 -- ANTHRACNOSE

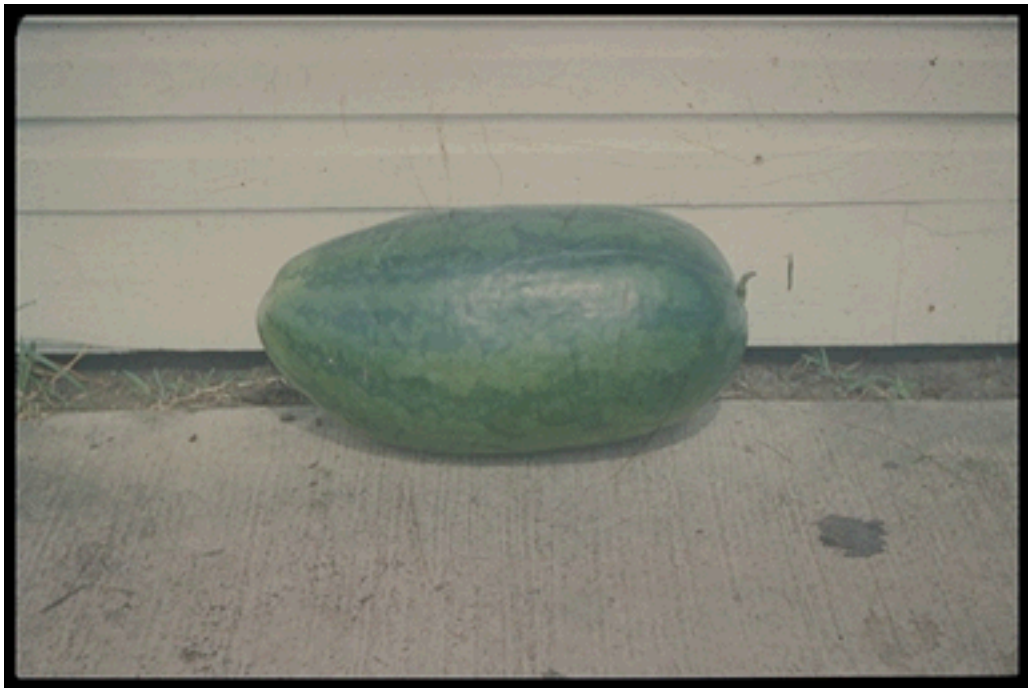


WATERMELONS

SLIDE 64 – NOT ANTHRACNOSE

WATERMELONS

SLIDE 65 -- SHAPE

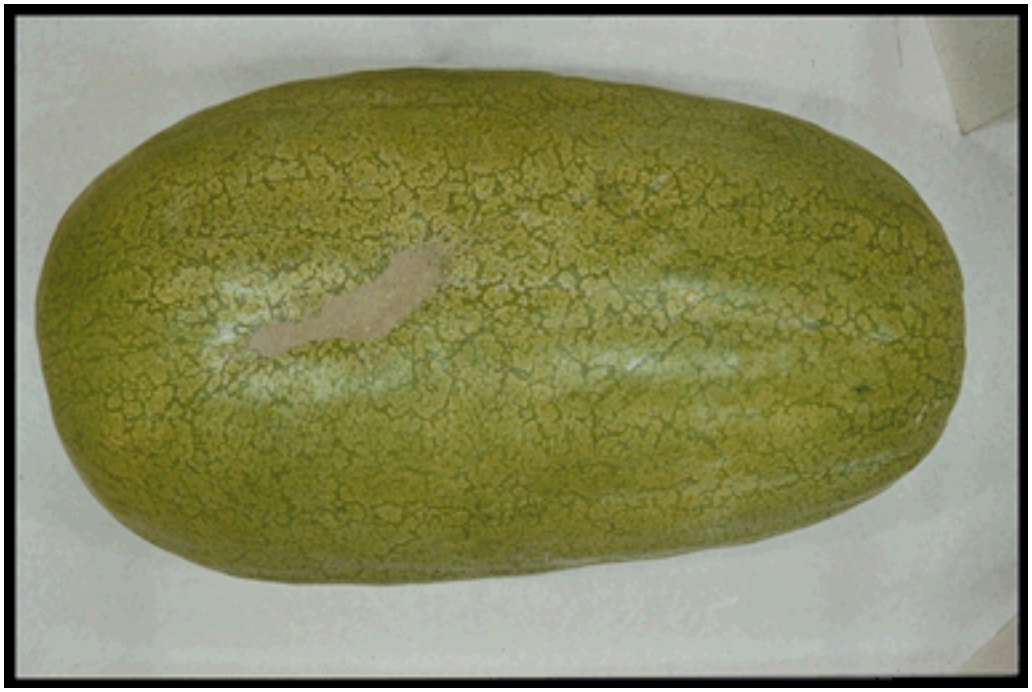


WATERMELONS

SLIDE 206 – RIND WORM INJURY

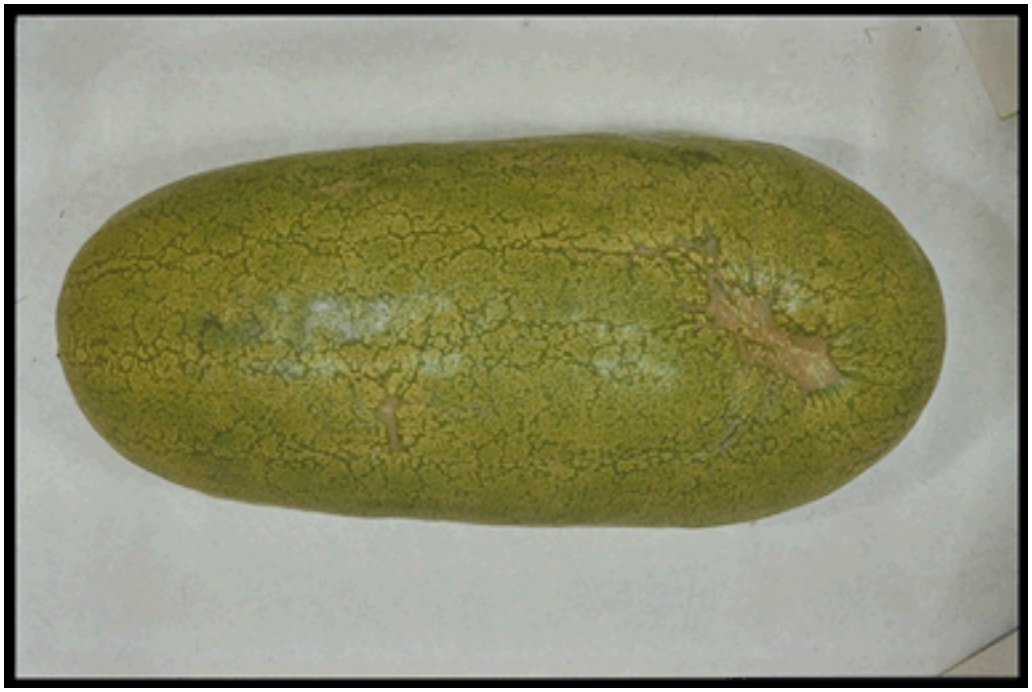
WATERMELONS

SLIDE 207 -- SCARRING



WATERMELONS

SLIDE 208 -- SCARRING

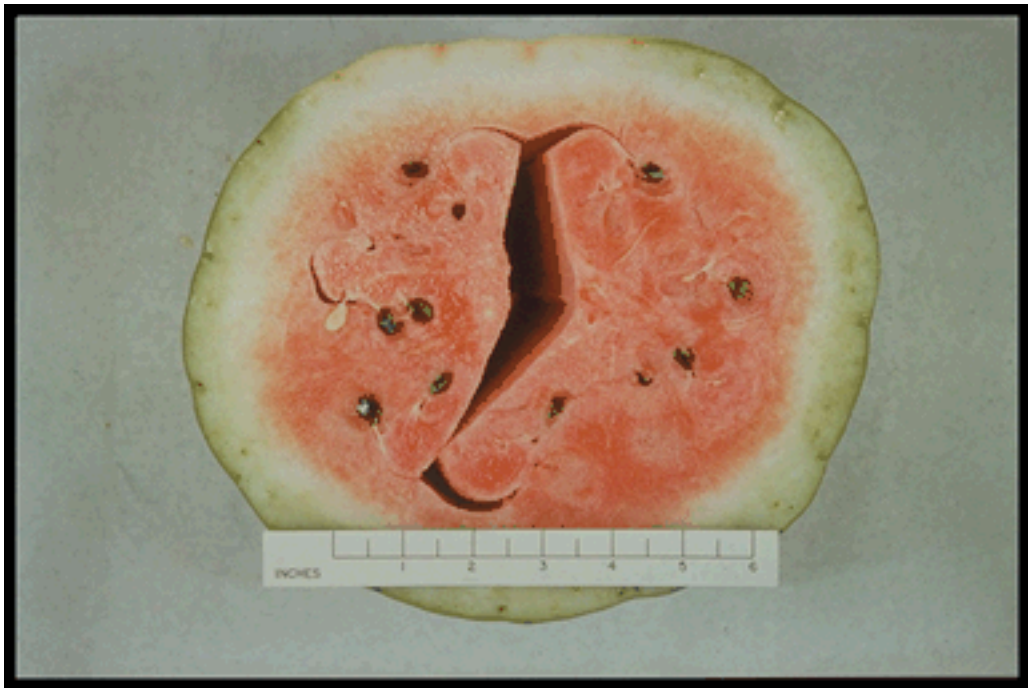


WATERMELONS

SLIDE 209 – HOLLOW HEART

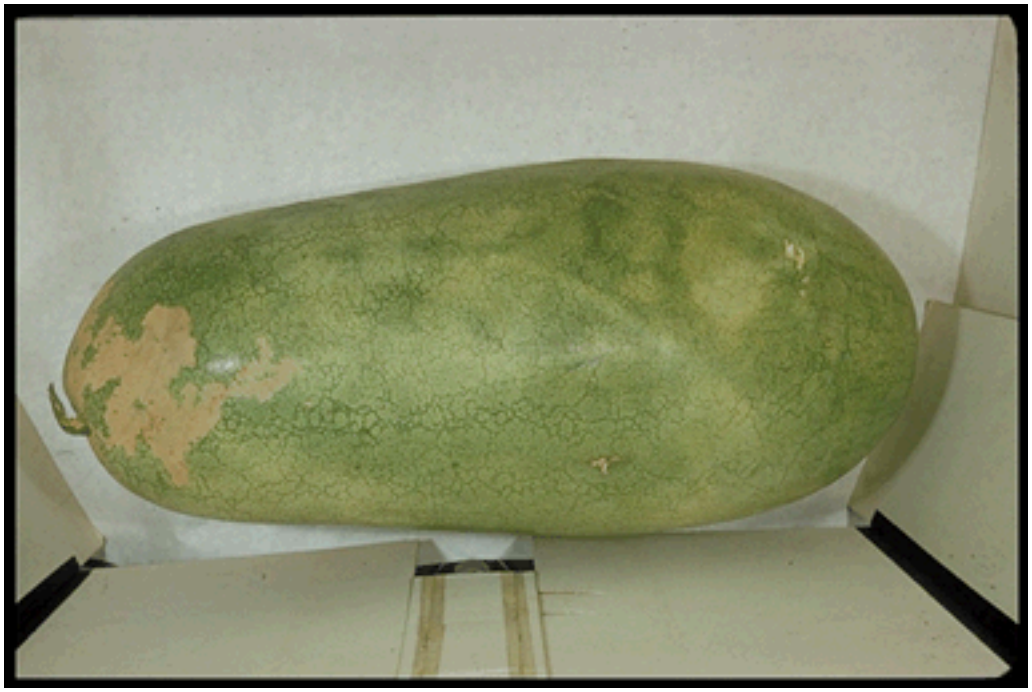
WATERMELONS

SLIDE 210 – HOLLOW HEART



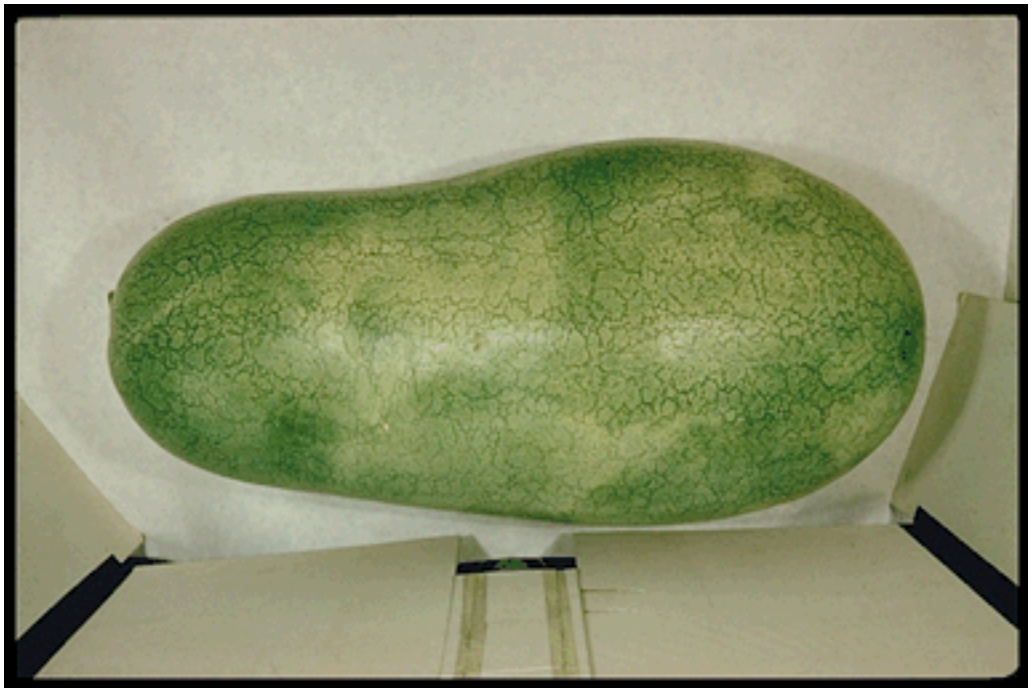
WATERMELONS

SLIDE 211 – RIND WORM INJURY



WATERMELONS

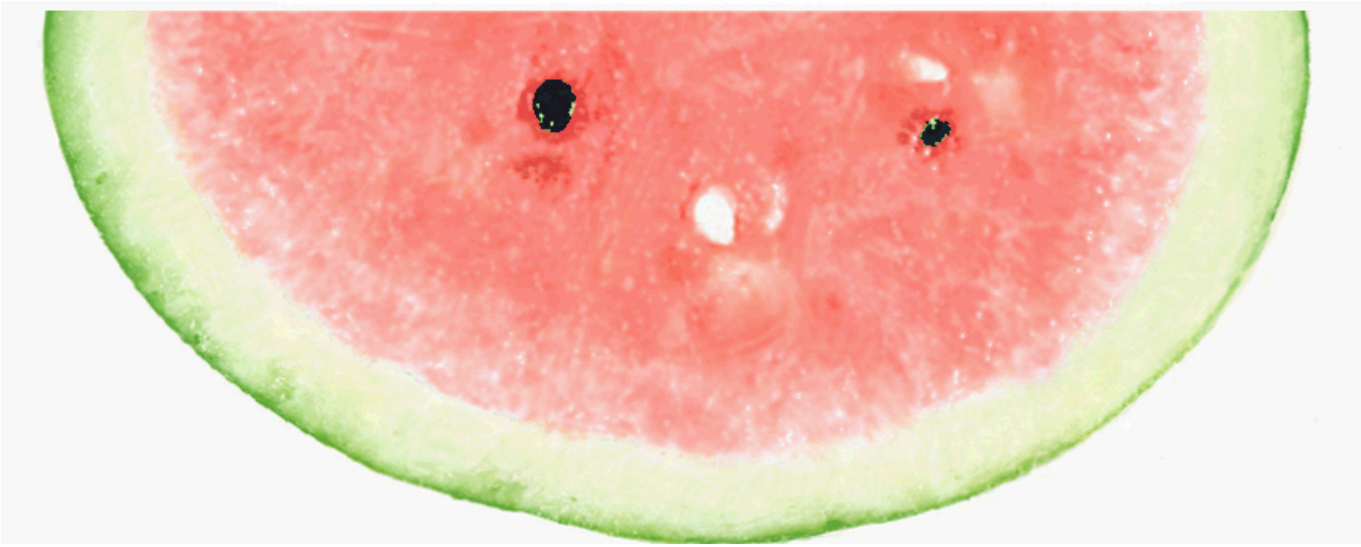
SLIDE 212 -- SCARRING



WATERMELONS

SLIDE 213 -- IMMATURE

WATERMELONS

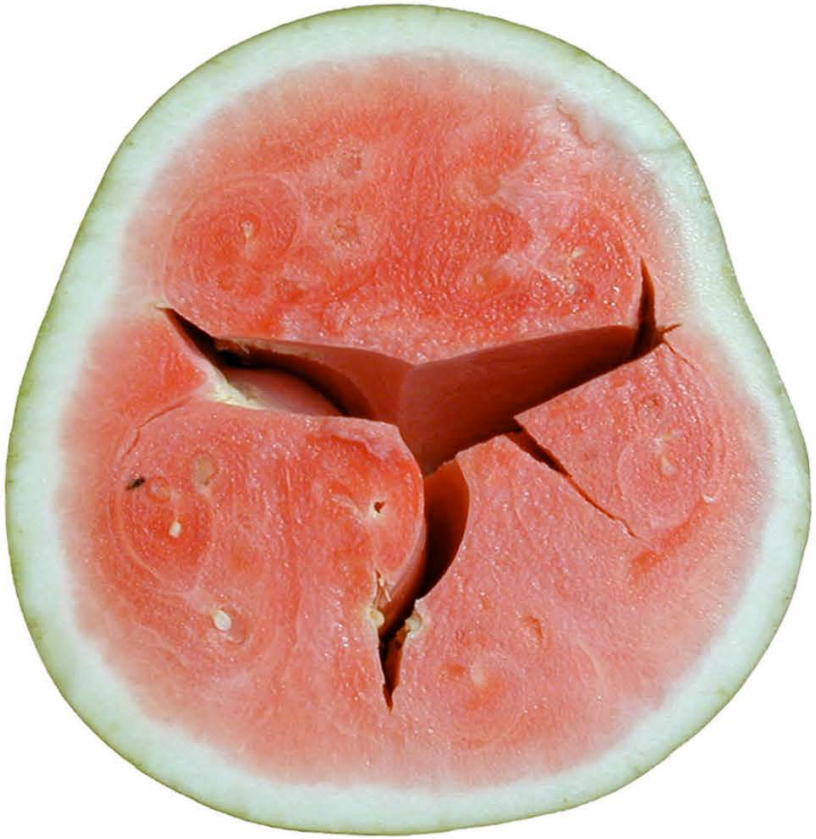


WAT-CC-1
March 2000

USDA WAT-CC-2
Watermelons: Medium Brown
This is the minimum brown color for scoring Transit Rubs.
August 2014

WATERMELONS

Hollow Heart
(crosswise cut)



Extreme example found with "traditional" crosswise cut. Crack extends horizontally through the melon from stem to blossom end. Note the indented areas of the melon circumference that correspond with each crack.

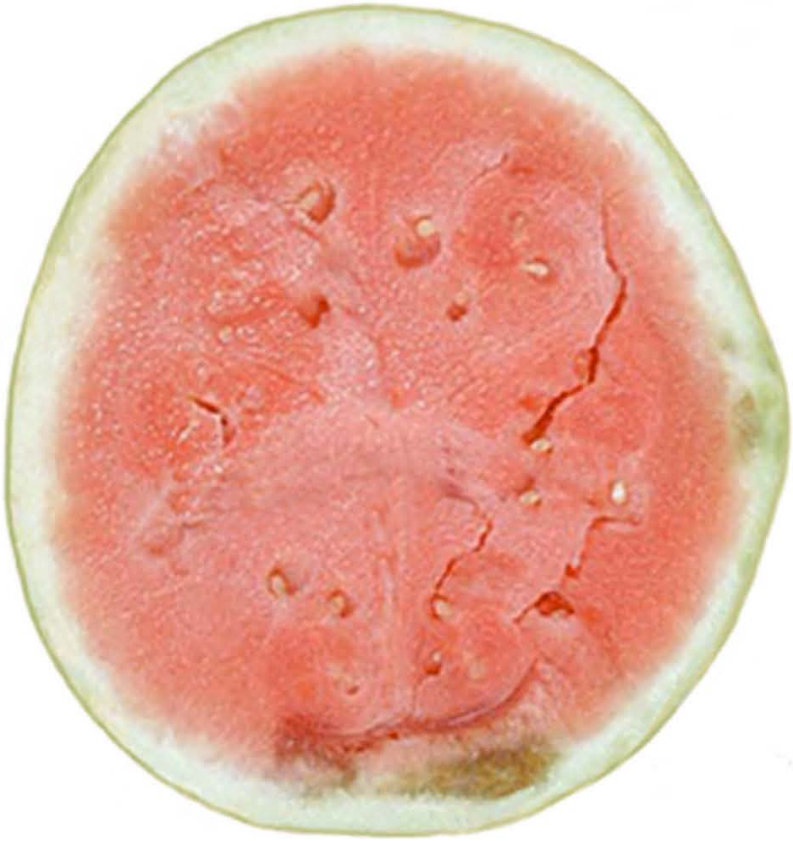
Hollow Heart
(lengthwise cut)

Crack is oriented vertically, toward one end of this long type melon. Detected with a lengthwise cut, not evident using the "traditional" crosswise cut.

WAT-IDENT-1
May 2000

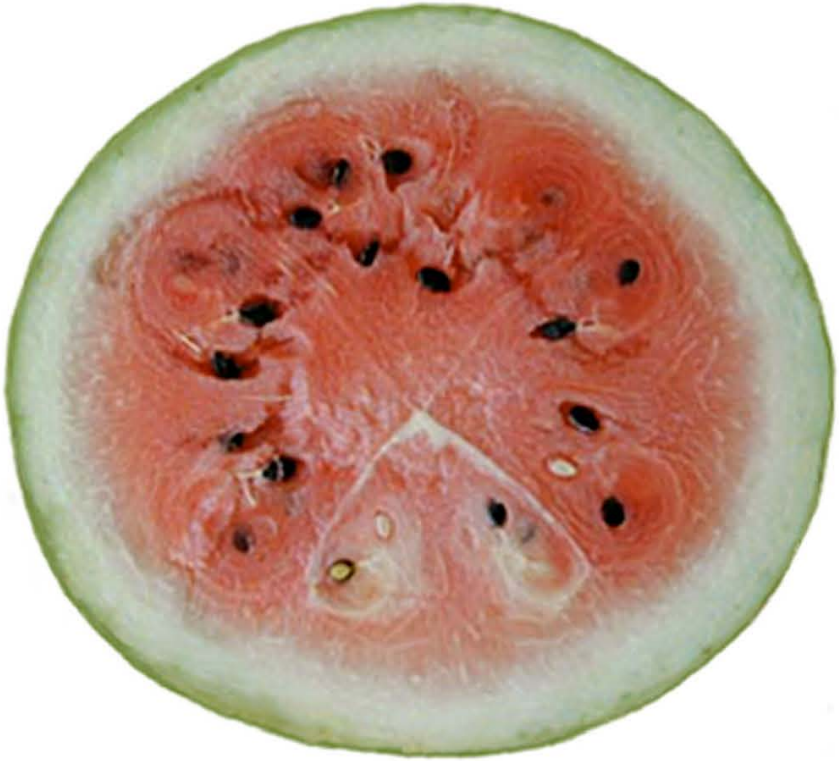
WATERMELONS

Internal Rind Spot



Seldom, if ever, detected externally. Associated with drought conditions. Spots are tan to brown, generally hard, dry and confined to the inner rind.

Second Growth



Color of affected areas can range white to light brown with flesh generally less than “fairly sweet.”

WAT-IDENT-2
May 2000

OVERRIPE

Melon has open seed cavities and stringy, crystallized (mealy) flesh

Examples of Sunscald & Sunburn on Watermelons

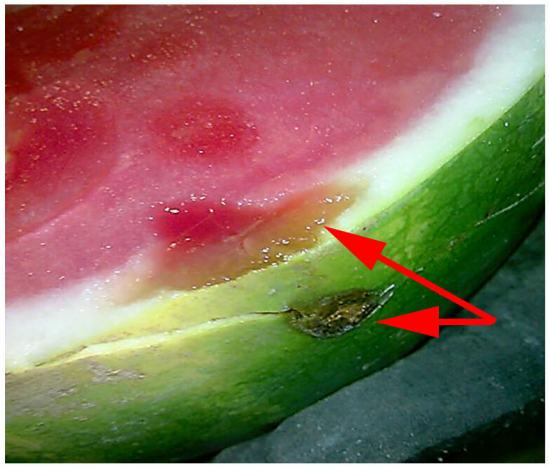
Sunscald (condition defect)

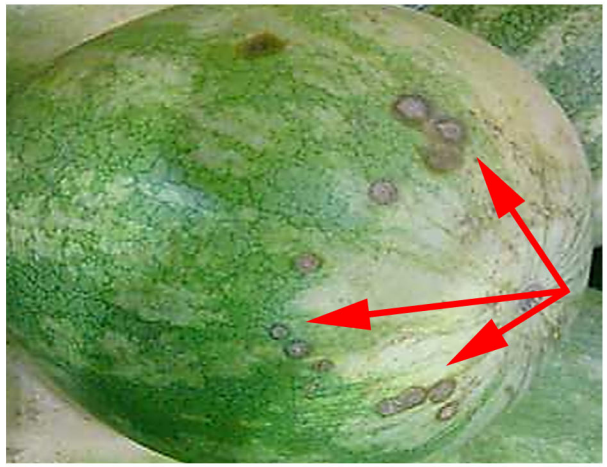
Sunburn (condition defect)

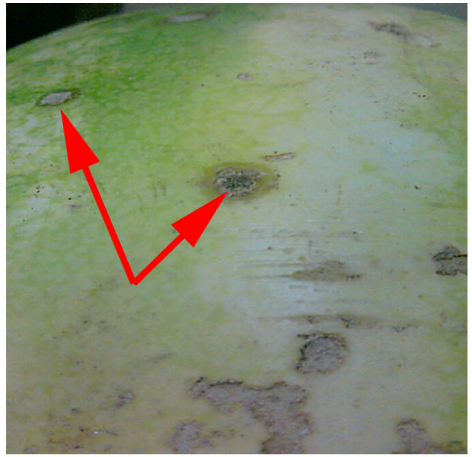
Anthracnose (C)

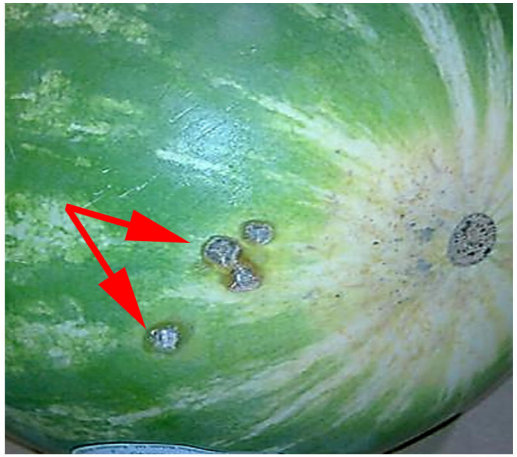
Always serious damage. Score any amount.

Report as decay only when penetrating the rind, or when large and soft enough to be easily penetrated with finger pressure, as shown in top left photo.









Photos courtesy of the National Watermelon Association

Hail, Scars, and Rind Worm Injury (Q)

Apply same scoring guide to these defects.

Hail

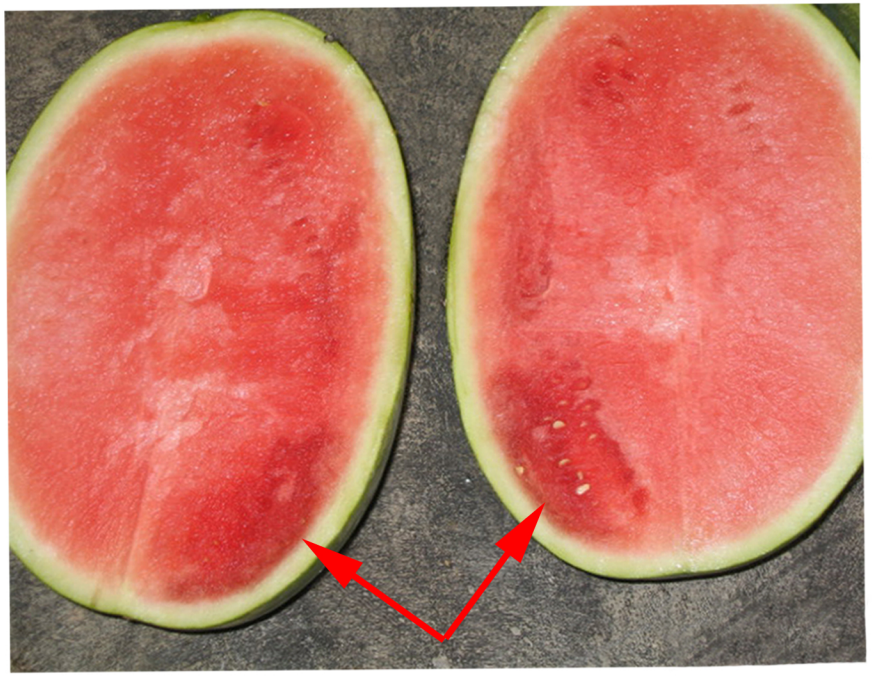
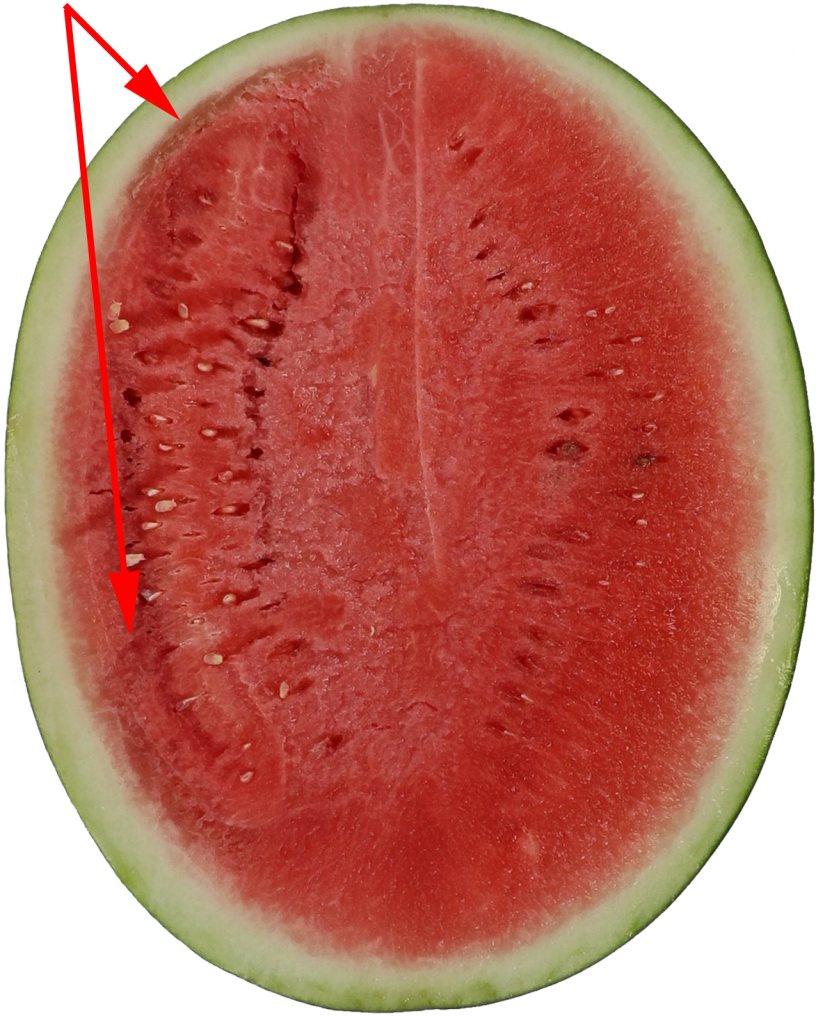
Hail

Rind Worm

Scar

Scar

Photos courtesy of the National Watermelon Association

Watermelons

Examples of Bruising (C)