

# **Burrower Bug in Peanut**

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Adult Burrower bug. Photo by dan40165, BugGuide.net (Creative Commons: <https://creativecommons.org/licenses/by-nd-nc/1.0/>).



This close up photo shows discolored, sunken lesions caused by burrower bugs on a peanut seed. (Photo by Mark Abney)

# Burrower Bug Impact

Yield generally not affected

Quality is the issue

Seg 1 to Seg 2 (\$535/ton to \$120/ton)

Damage is not apparent unless skin is removed

3.5% damage is the maximum allowed

\*Damage from burrower bug was reported in 3 counties in North Carolina in 2022

# Burrower Bug Management

## Summary from UGA (Mark Abney)

Soil pest but mobile

Field history – not a good predictor of damage

Monitoring – not a good predictor of infestation

Insecticide – not available (Lorsban)

Variety – unknown in Georgia and other states

Irrigation – generally less but not always

Planting date – no effect in Georgia

Crop rotation – no effect in Georgia

***Tillage – deep tillage is effective***



## Tillage Practices in Peanut in North Carolina

Percentage of farmers listing a practice on at least a portion of their acreage

<b>Tillage</b>	<b>1998</b>	<b>2004</b>	<b>2009</b>	<b>2014</b>	<b>2019</b>
Disk	90	78	71	75	79
Chisel	25	23	27	12	21
Moldboard plow	58	17	7	5	6
Field cultivate	75	55	42	44	53
Rip and Bed	49	39	40	55	48
Bed	44	35	32	25	35
Reduced till	10	23	41	20	31

