

Spread and Management of Citrus Greening

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Dover Block

Valencia/Carrizo

Planted 1999

1859 Trees

25 X 15 Spacing

116 T/A

16 Total Acres

Declining Trees December
2005

Symptomatic to Point of
Decline

Based on Observations

Symptomatic for 1 Year



Original Trees

Yellow Veins

Blotchy Mottle

Misshapen Fruit

109 Tree with Obvious
Symptoms

Removed in January 2007

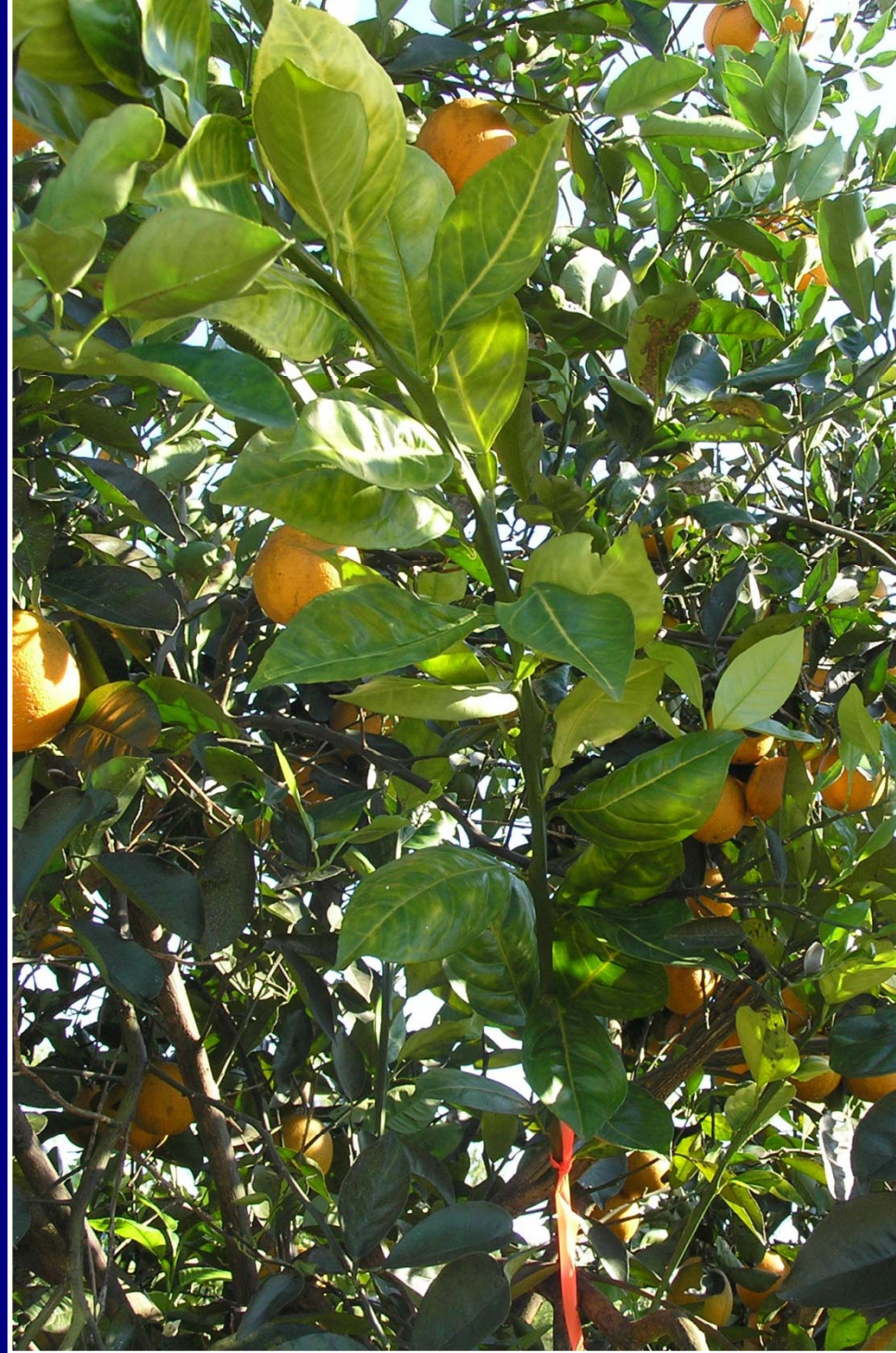
5.8% of Total Trees



Second Set

Scouting in Winter 2007
Symptoms of Yellow Veins
Blotchy Mottle
Misshapen Fruit

Identified 102 Additional
Trees
8% of Remaining Trees
Symptoms Developed that
Fall
Trees Removed in August
2007



2007

Psyllid Suppression
5 Total Sprays
Normal Plan + 2 Additional
Imidacloprid, Sevin, Agri-Mek
and Danitol
Materials Used in Rotation
About 6 Week Intervals
No Symptoms Appearing in
Early September



Winter 2008

Scouting Winter 2008

74 Trees Identified with
Symptoms

5% of Remaining Trees

(648 total) with Symptoms

Total of 285 Trees

2.5 Acres Lost

or

3% of Original Tree Count



2008

Psyllid Suppression
4 Total Sprays
Dormant (Jan), Post Bloom
(Apr), Summer Oil (Jun) &
Summer Oil (Aug)
Dinotol, Mustang, Imidan +
Abamectin, and Sevin +
Abamectin
No Symptoms Appearing in
Early September



Winter 2009

Scouting Winter 2009
49 Trees Identified with
Symptoms

0% of Remaining Trees
(599 total) with Symptoms

Total of 334 Trees

2.9 Acres Lost

or

0% of Original Tree Count

Average Annual Tree Loss
over 4 Year Period 4.5%



Progression

January 2007

211 Trees or 11.35%

January 2008

74 Trees or 4.5%

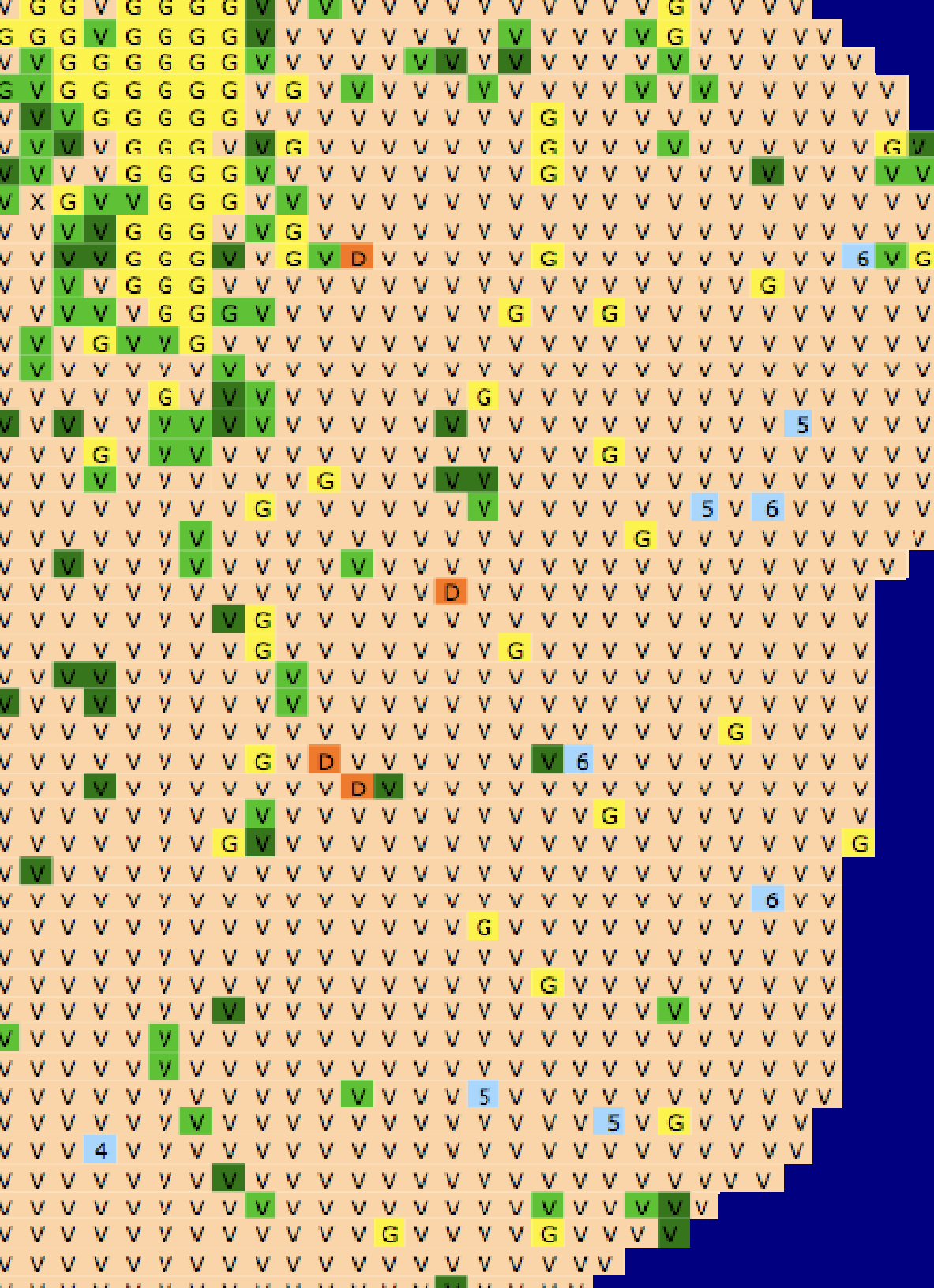
65% Reduction from
January 2007

January 2009

49 Trees or 3.0%

34% Reduction from
January 2008





2006

2007

2008

Scouting 2009

December 2008

Professional Scouted

49 Trees Found with
Symptoms
in Back Block

8 Trees Total in 142 Acres

Trees in Remaining 126
Acres



Resetting

June 2008

Partial Resetting of Block

Trees Scouted in Early Winter
2009

Need to Determine the
Number of Reset Trees
Affected

Recalculate the Number of
Trees and Acreage (resets)



Please,
Don't Forget
the Survey

Have a Safe Trip Home

Sponsors

Bayer Crop
Science

Triangle Chemical