

CHINESE PARASOL TREE

BIOLOGY AND CONTROL

BRIAN R CHANDLER
AREA EXTENSION FORESTER
LSU AGCENTER

Chinese Parasol Tree
Firmiana simplex

WHAT IS IT?

WHY IS IT A PROBLEM?

HOW IS IT CONTROLLED?

WHAT?



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PAR/NE Tucker's School CENTER

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WHY?



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HOW?

A COMPARISON OF TREATMENT TIMING
AND HERBICIDES FOR CONTROL OF
CHINESE PARASOL TREE, AN INVASIVE
ORNAMENTAL

B.R. Chandler

R.J. Lencse

R.E. Strahan

Louisiana State University Agricultural
Center



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Chemical Treatments

Chemical Name	Trade Name
3 lb triclopyr	Garlon 3A
1 lb dicamba + 2.87 lbs 2,4-D	Weedmaster
.54 lb picloram + 2 lb 2,4-D	Grazon P + D
4 lb 2,4-D	2,4-D Amine
4 lb glyphosate	Roundup Ultra
1 lb triclopyr + 2 lb 2,4-D	Crossbow
1 lb imazapyr	Arsenal AC (diluted)
.25 lb picloram + 1 lb 2,4-D	Pathway



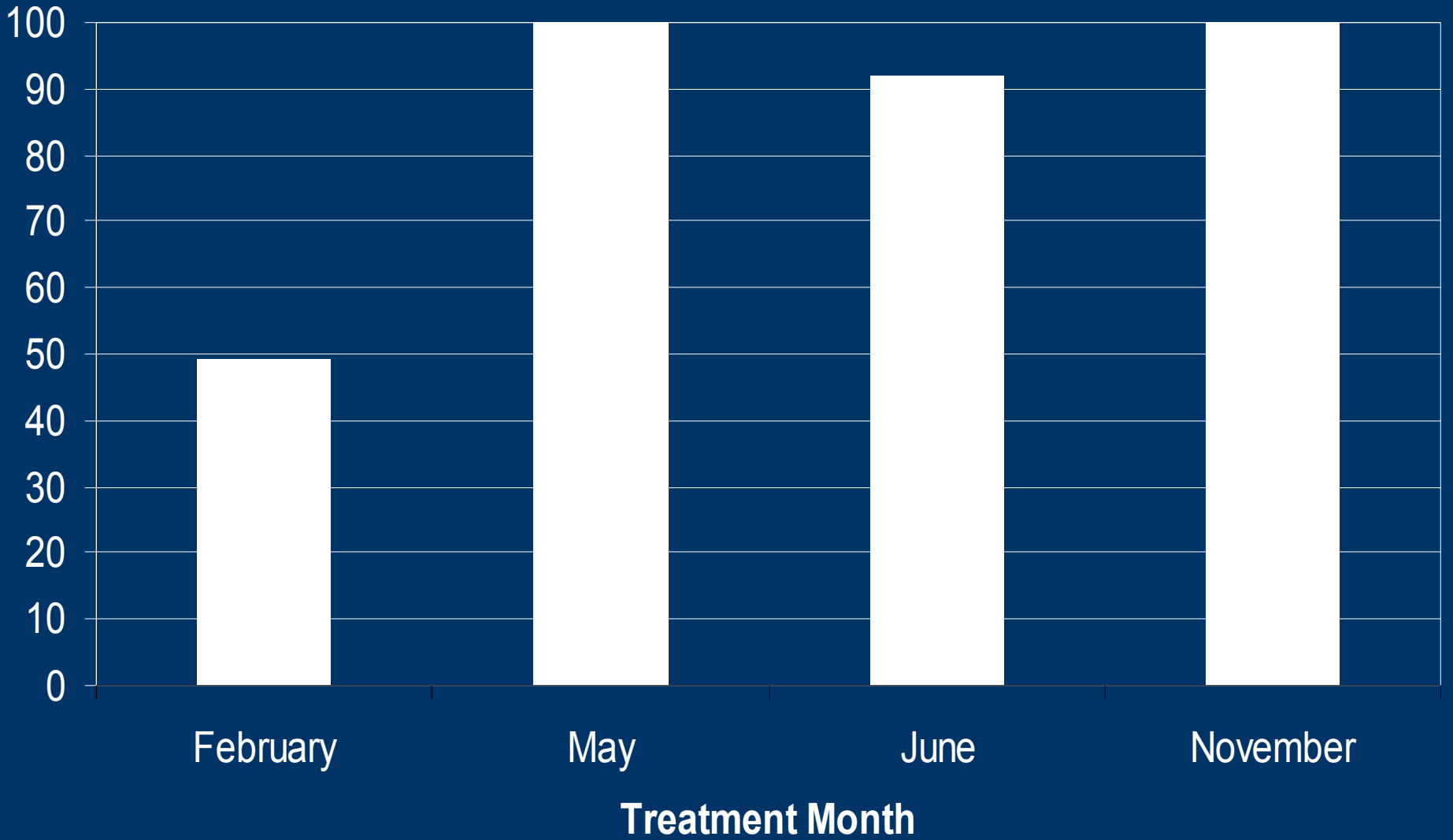
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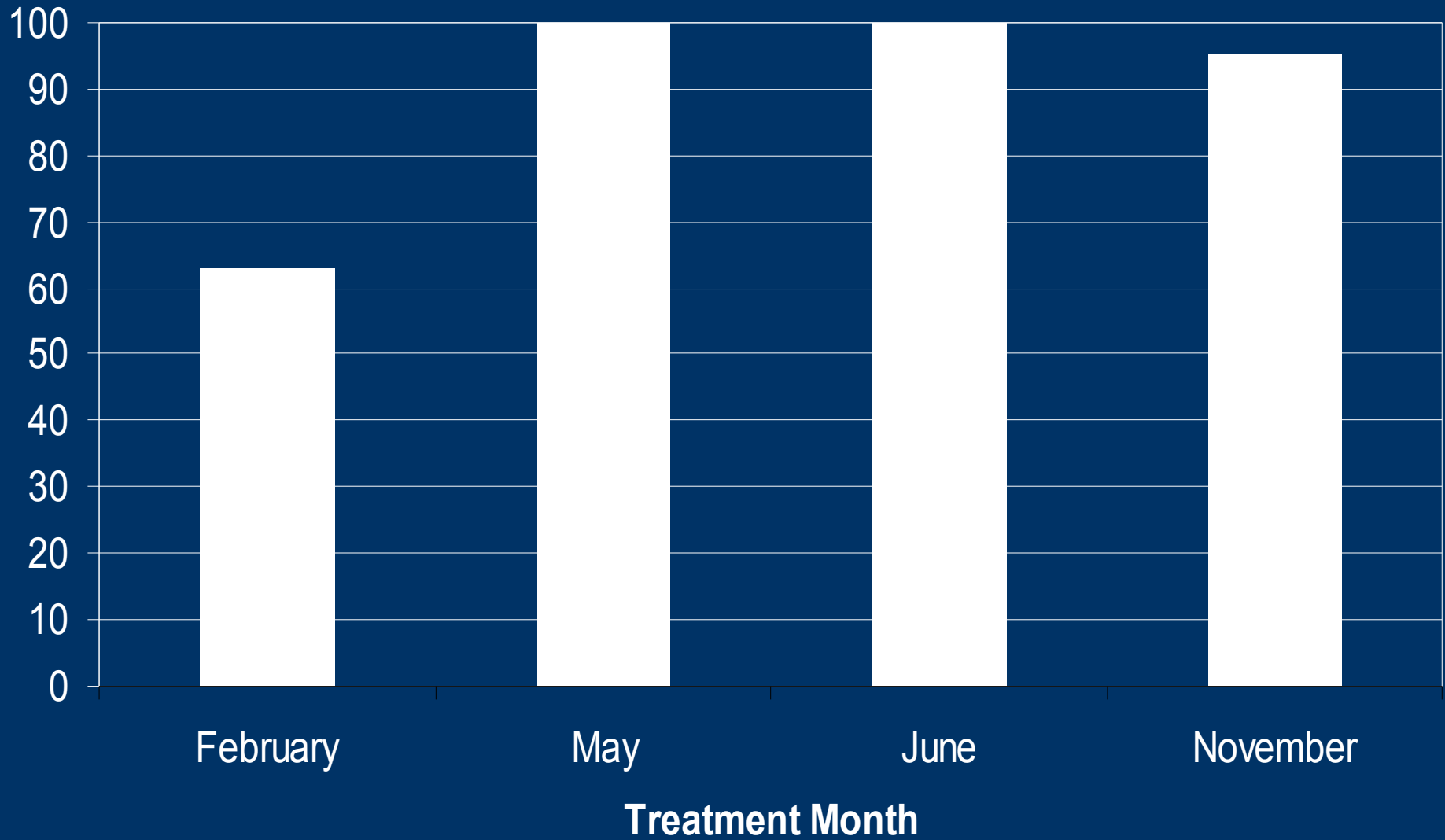
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Treatment Results

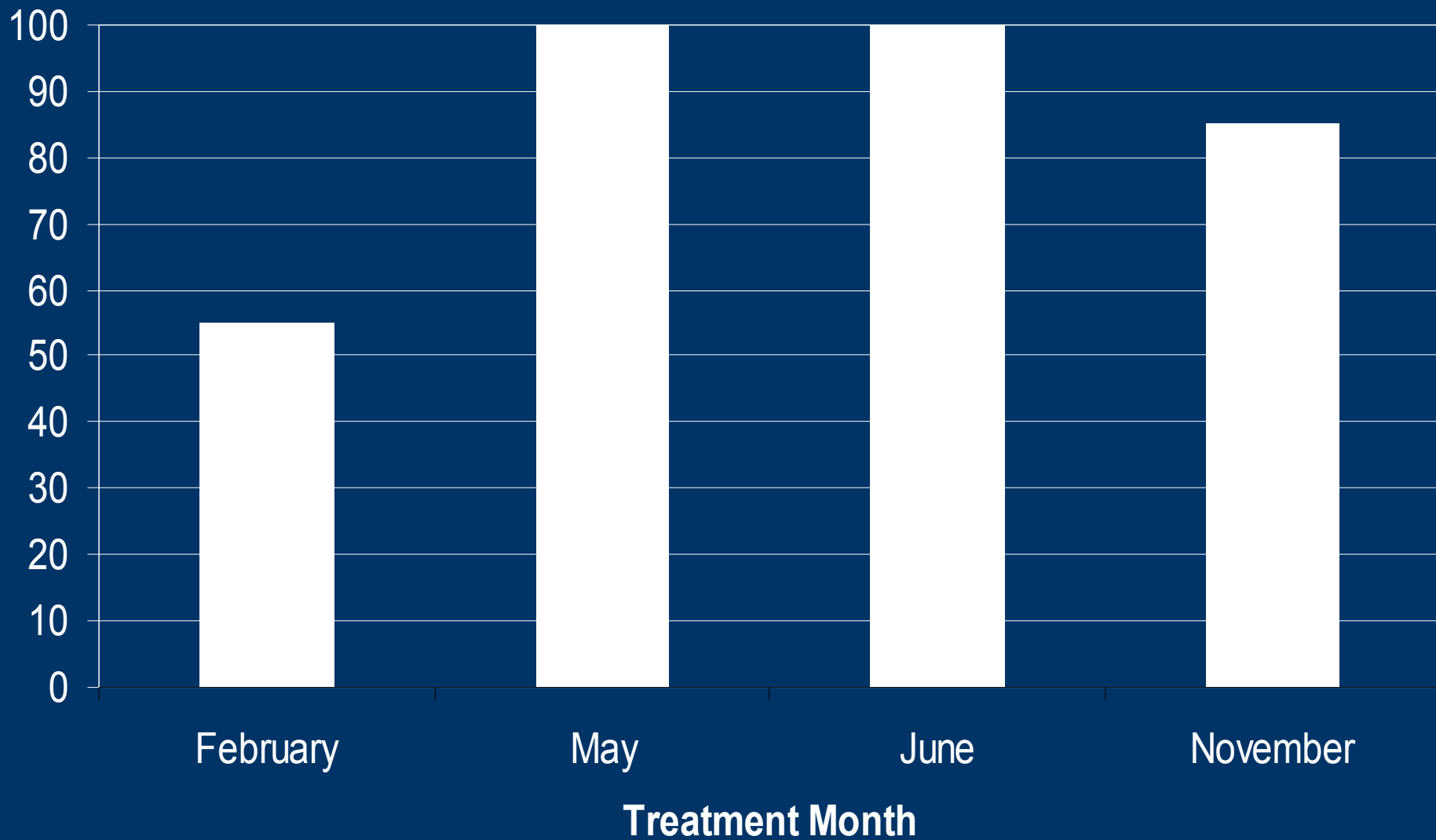
3 lb triclopyr
% Defoliation



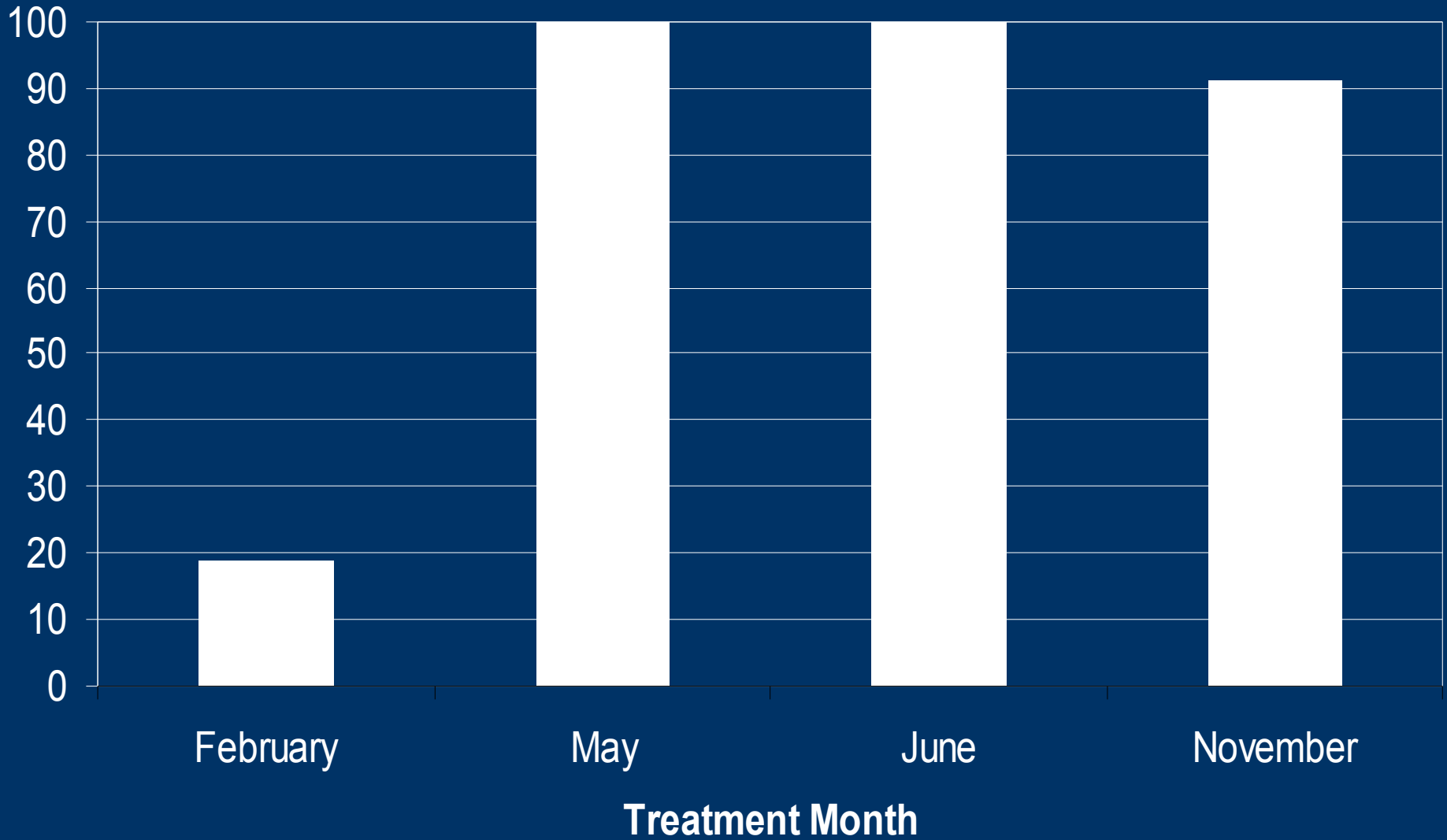
1 lb dicamba+2.87 lbs 2,4-D
% Defoliation



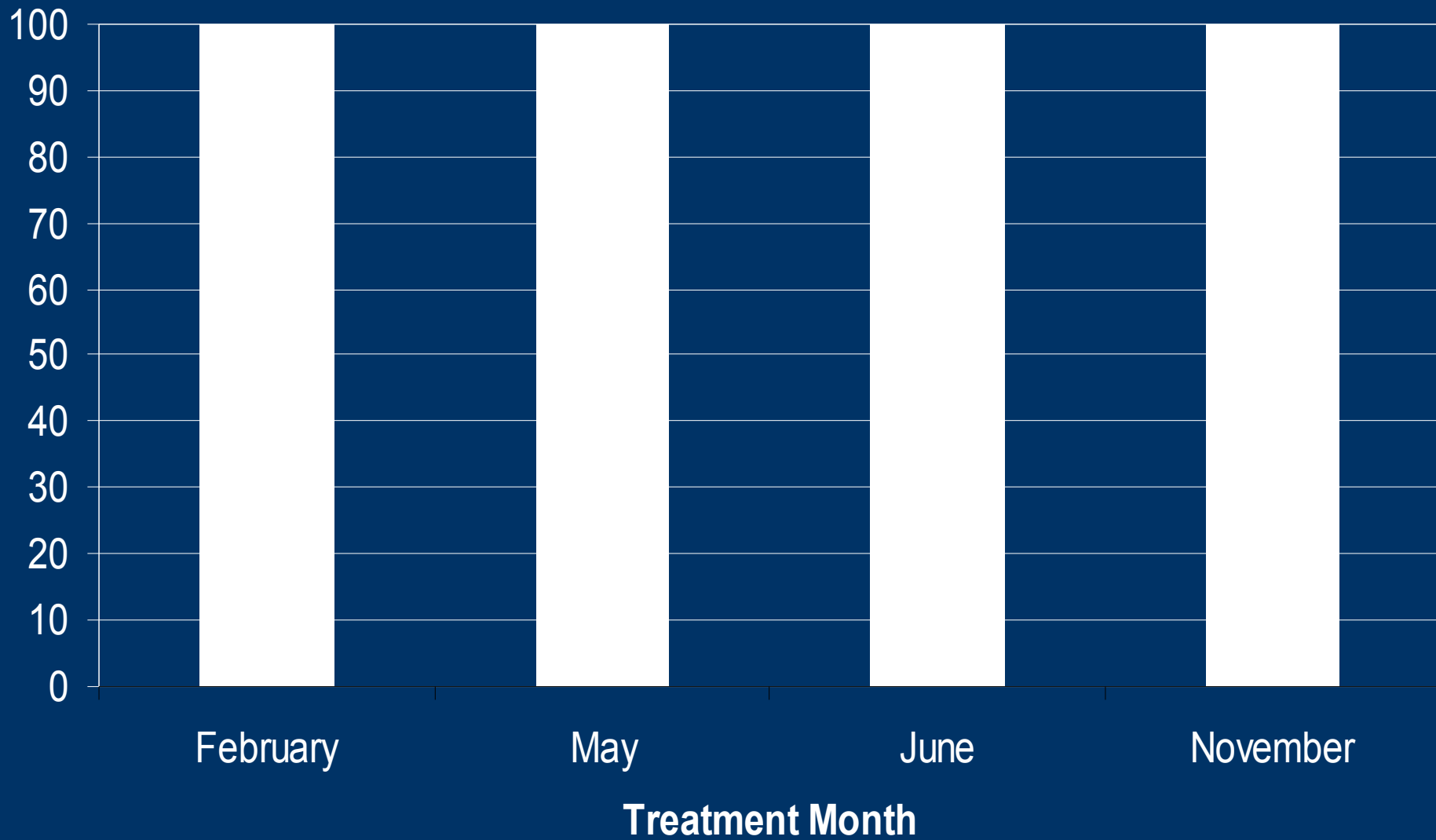
.54 lb picloram+2 lb 2,4-D
% Defoliation



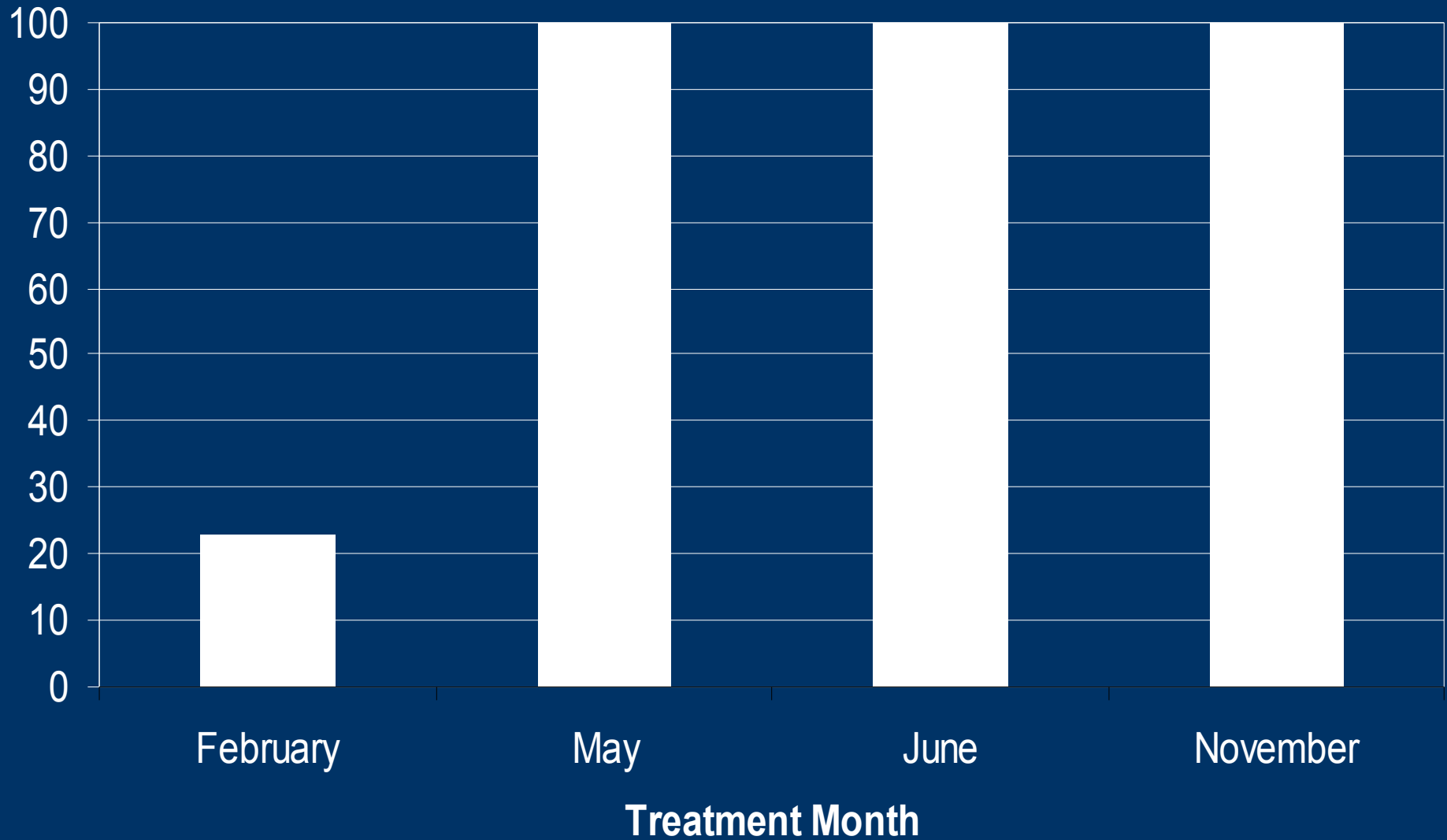
**4 lb 2,4-D
% Defoliation**



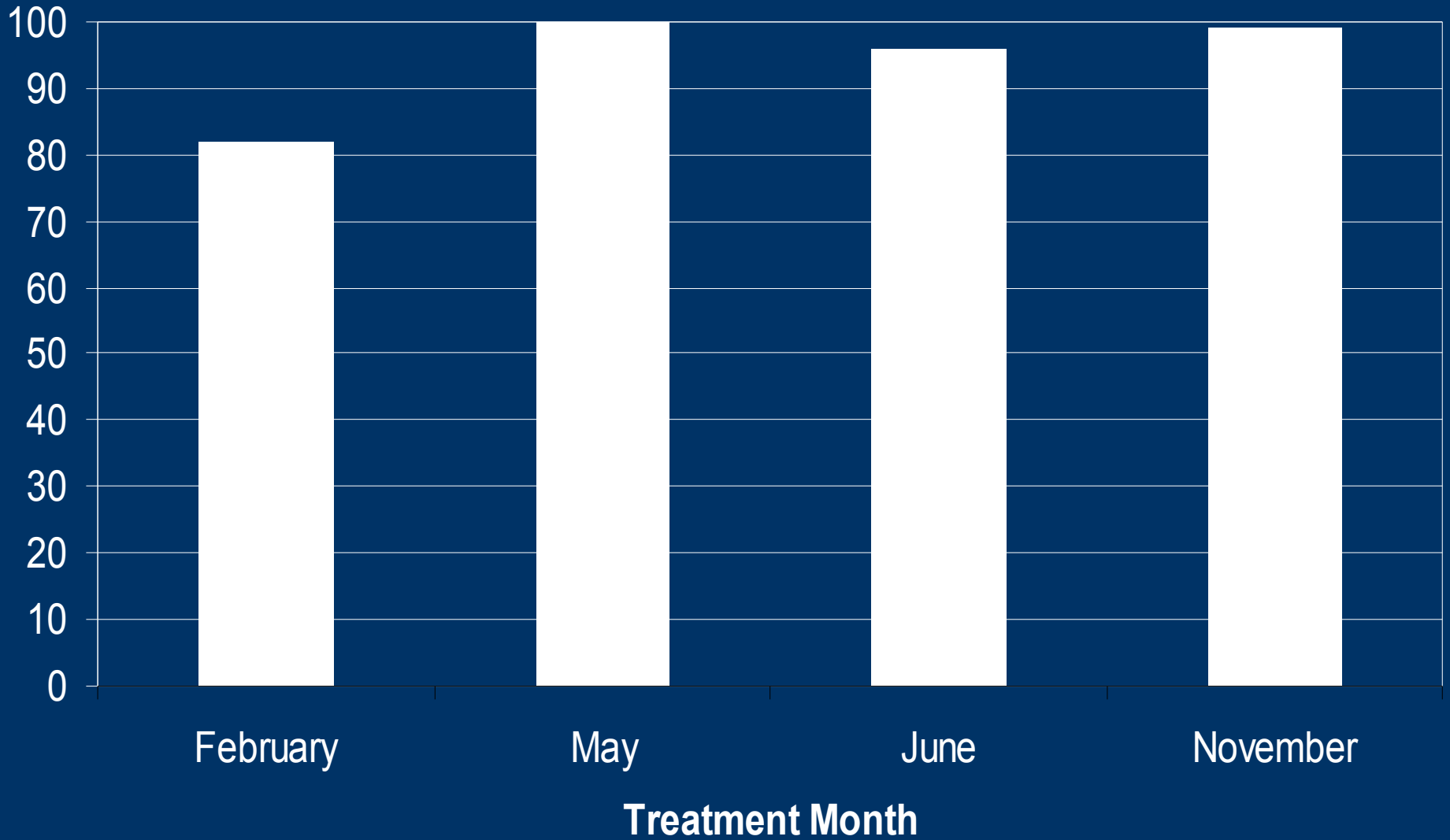
4 lb glyphosate % Defoliation



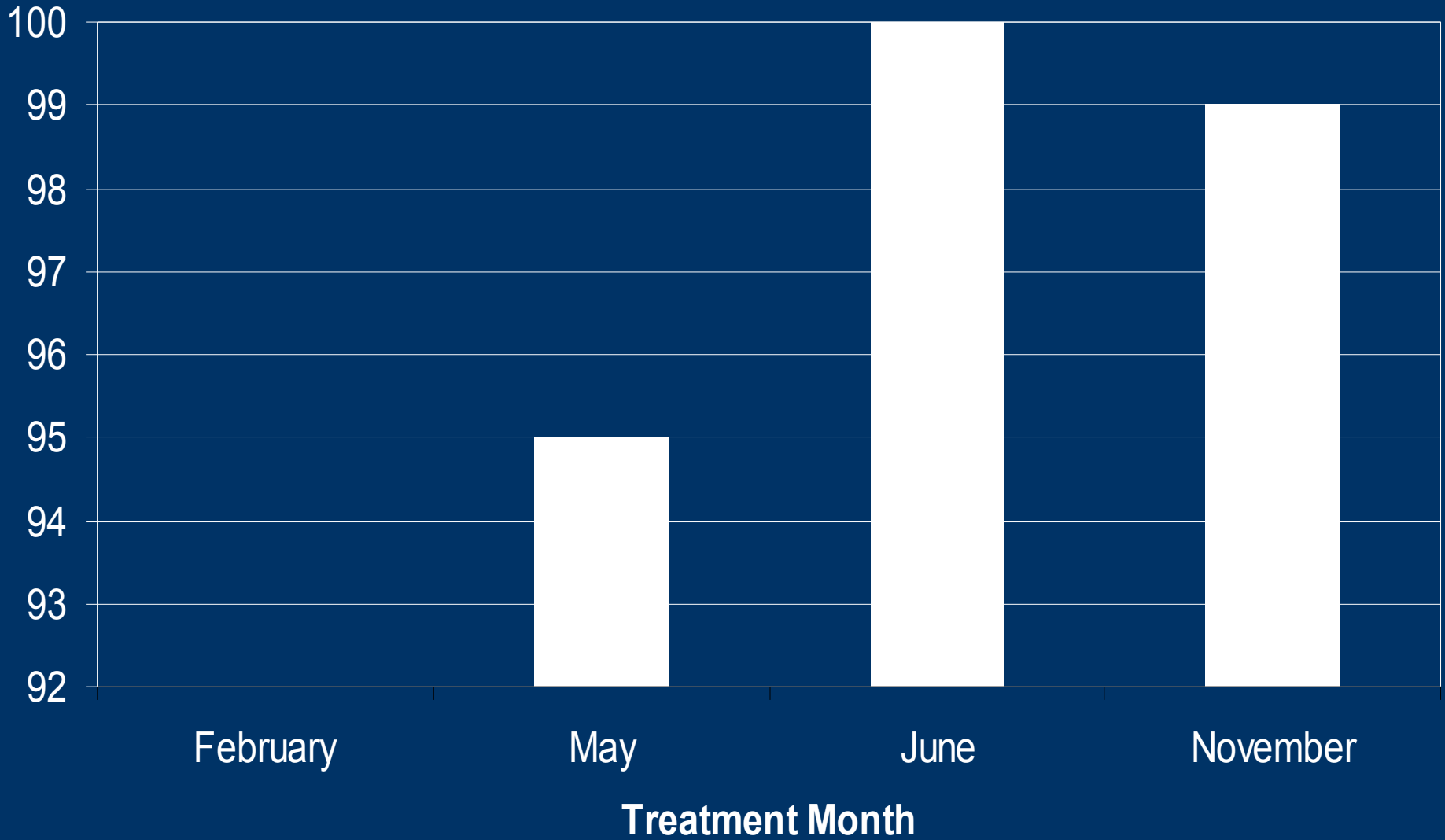
1 lb triclopyr+2 lb 2,4-D
% Defoliation



**1 lb imazapyr
% Defoliation**

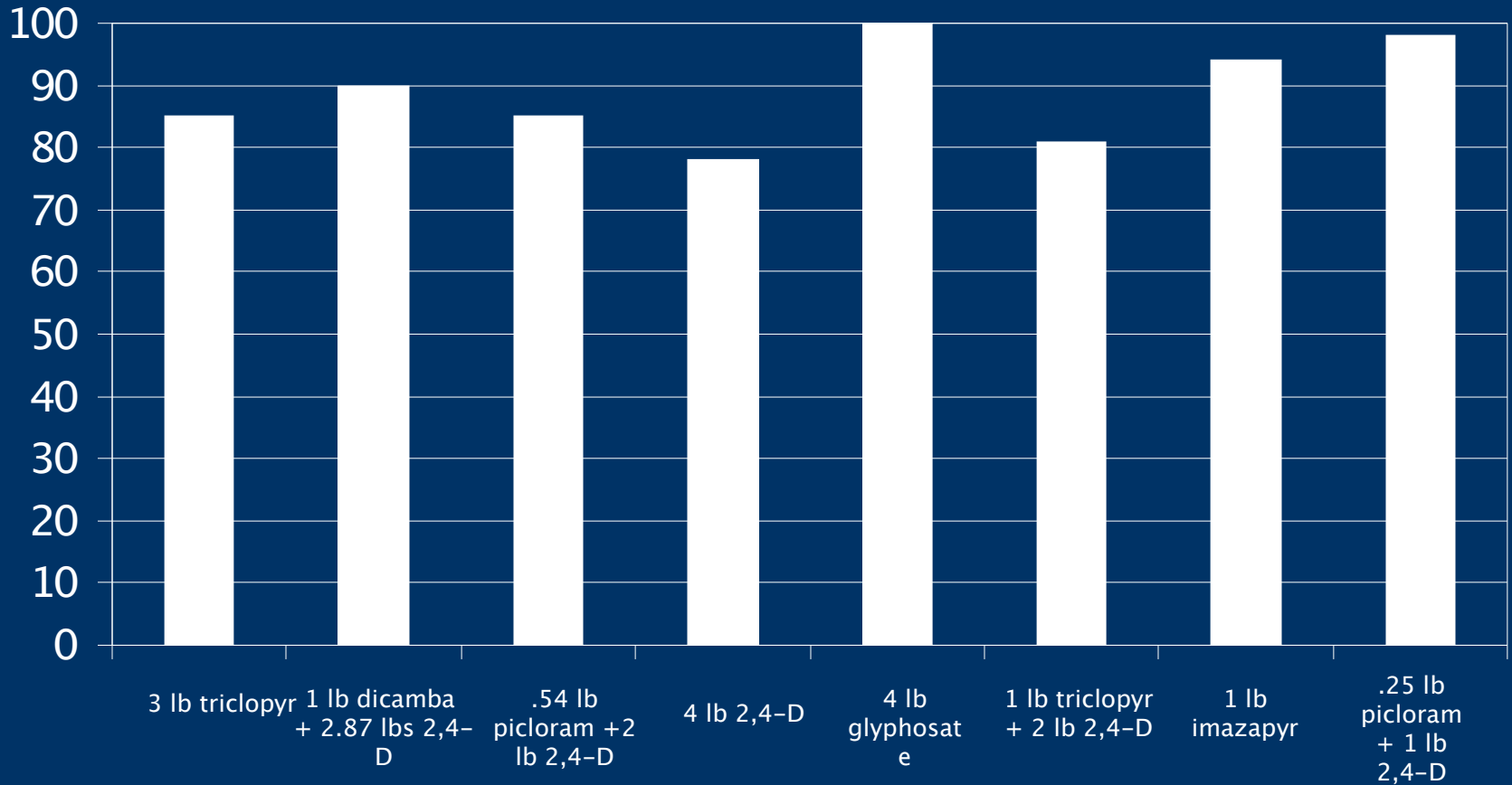


.25 lb picloram+1 lb 2,4-D
% Defoliation



Chemical	Feb treatment	May treatment	June treatment	Nov treatment
Name	% defoliation	defoliation	defoliation	% defoliation
3 lb triclopyr	49	100	100	100
1 lb dicamba + 2.87 lbs 2,4-D	100	100	100	100
.54 lb picloram + 2 lb 2,4-D	55	100	100	100
4 lb 2,4-D	19	100	100	91
4 lb glyphosate	100	100	100	100
1 lb triclopyr + 2 lb 2,4-D	23	100	100	100
1 lb imazapyr	82	100	96	99
.25 lb picloram + 1 lb 2,4-D	100	95	100	99

Overall Defoliation Rates (%)





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Questions