



UNIVERSITY *of* NEW HAMPSHIRE
COOPERATIVE EXTENSION

**Piccolo 10XC (FAL 491)
Pot Mum 'Providence'**

fine



UNIVERSITY *of* NEW HAMPSHIRE
COOPERATIVE EXTENSION

Study Conducted by:

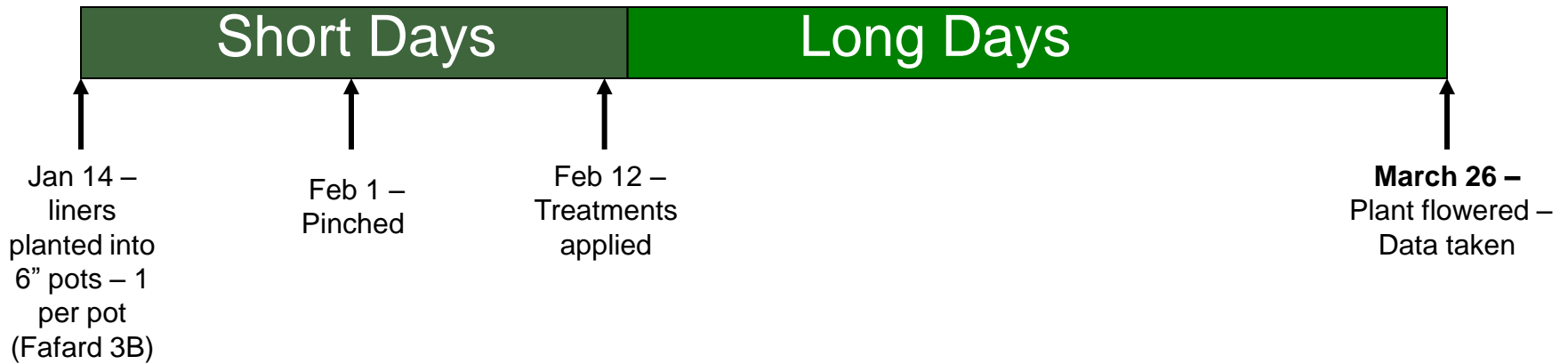
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Cooperative Extension

The logo for 'fine', featuring the word in a lowercase, sans-serif font with a green leaf icon positioned above the letter 'i'.

Cultural Information



Fertilizer - Constant liquid feed 15-4-15 @ 200 ppm

Temperatures – 75/68 °F day/night set points

Treatments

- Untreated Control
- Foliar Sprays
 - Piccolo (50, 100 and 200 ppm)
 - Piccolo 10XC (50, 100 and 200 ppm)
- Substrate Drenches (118 ml/pot)
 - Piccolo (1, 2, and 4 ppm)
 - Piccolo 10XC (1, 2, and 4 ppm)
- 10 replications per treatments



Plants on day
of treatment –
Feb 12, 2010



Pot Mum 'Providence'

Piccolo Foliar Sprays 19 DAT



ppm

Pot Mum 'Providence'

Piccolo 10XC Foliar Sprays 19 DAT



ppm

Pot Mum 'Providence'

Piccolo Foliar Sprays 42 DAT



ppm

Pot Mum 'Providence'

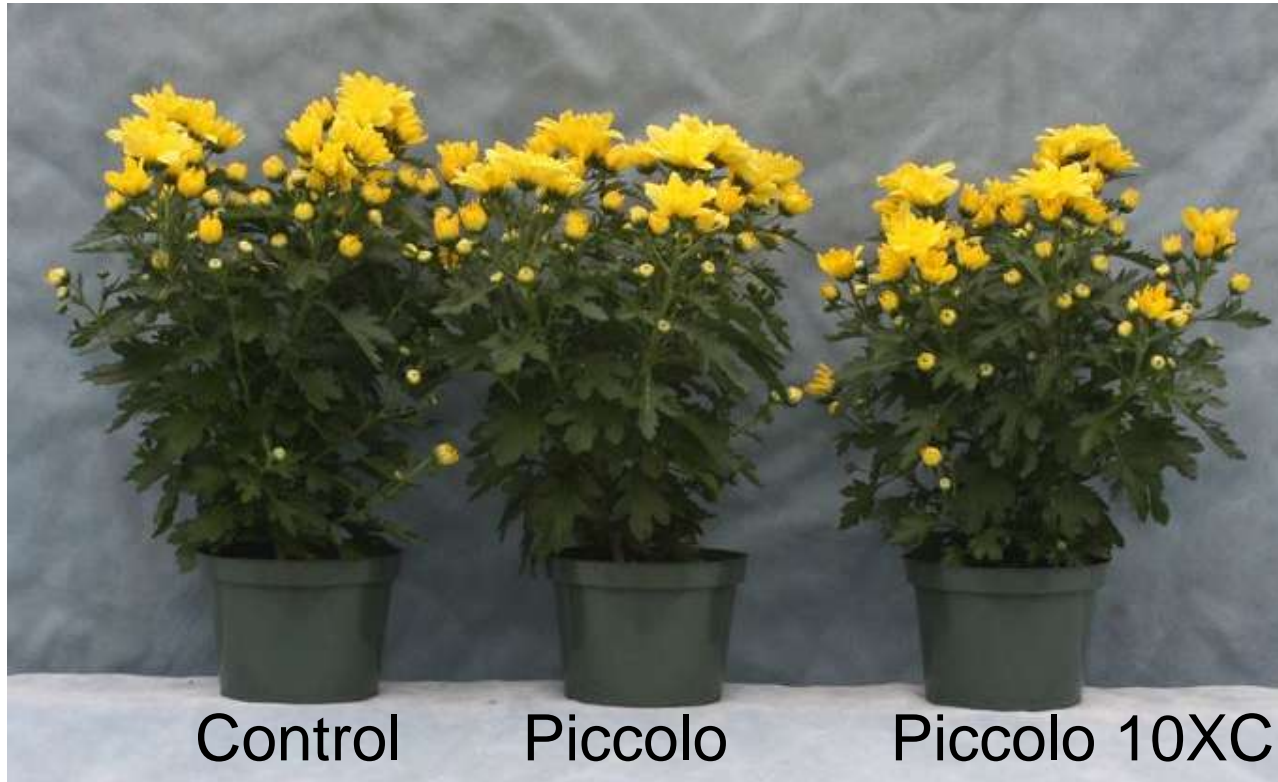
Piccolo 10XC Foliar Sprays 42 DAT



ppm

Pot Mum 'Providence'

Foliar Sprays – Piccolo vs. Piccolo 10XC 42 DAT



Control

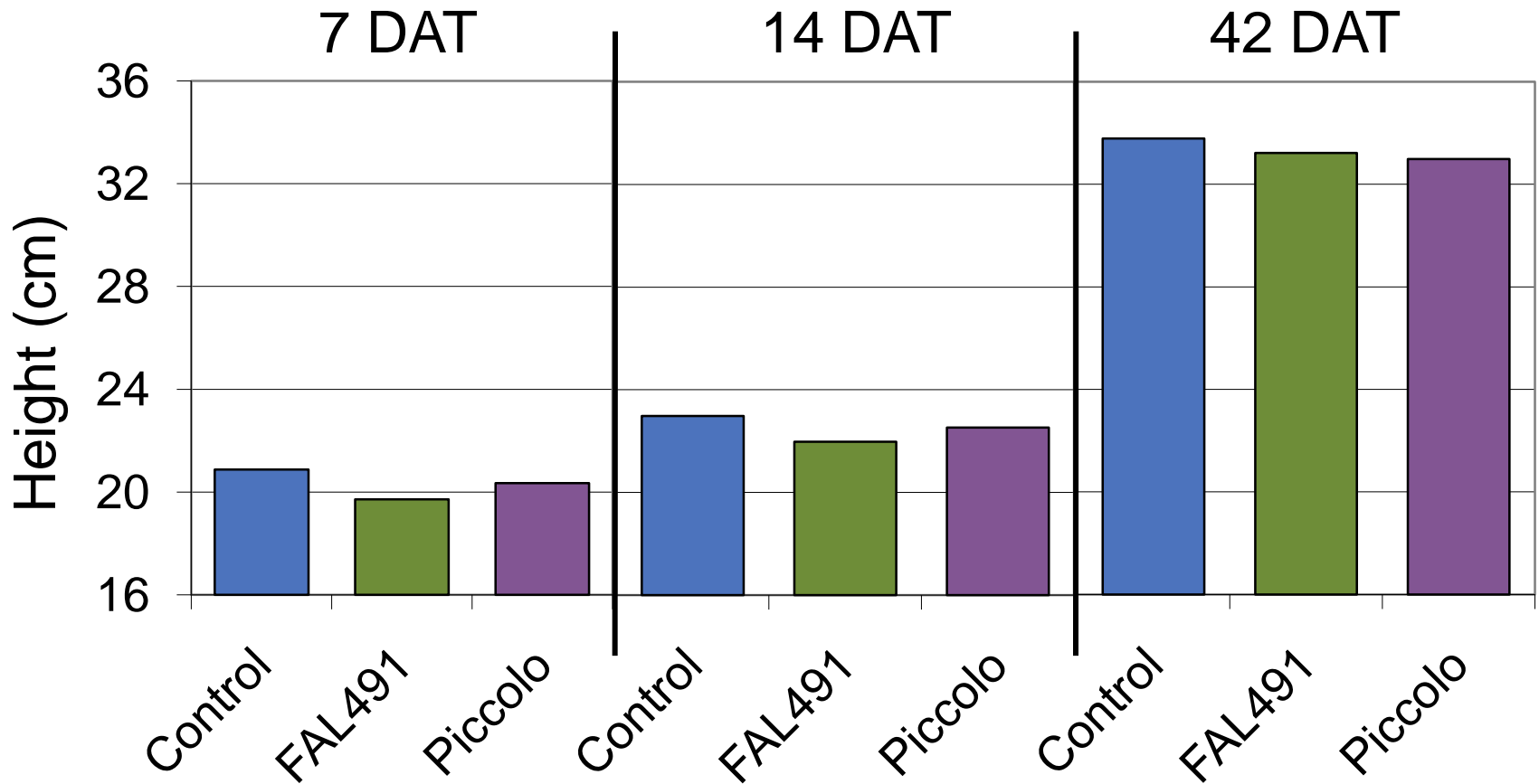
Piccolo

Piccolo 10XC

50 ppm

Pot Mum 'Providence'

Plant Height Spray @ 50 ppm



$P \leq 0.05$

Pot Mum 'Providence'

Foliar Sprays – Piccolo vs. Piccolo 10XC 42 DAT



Control

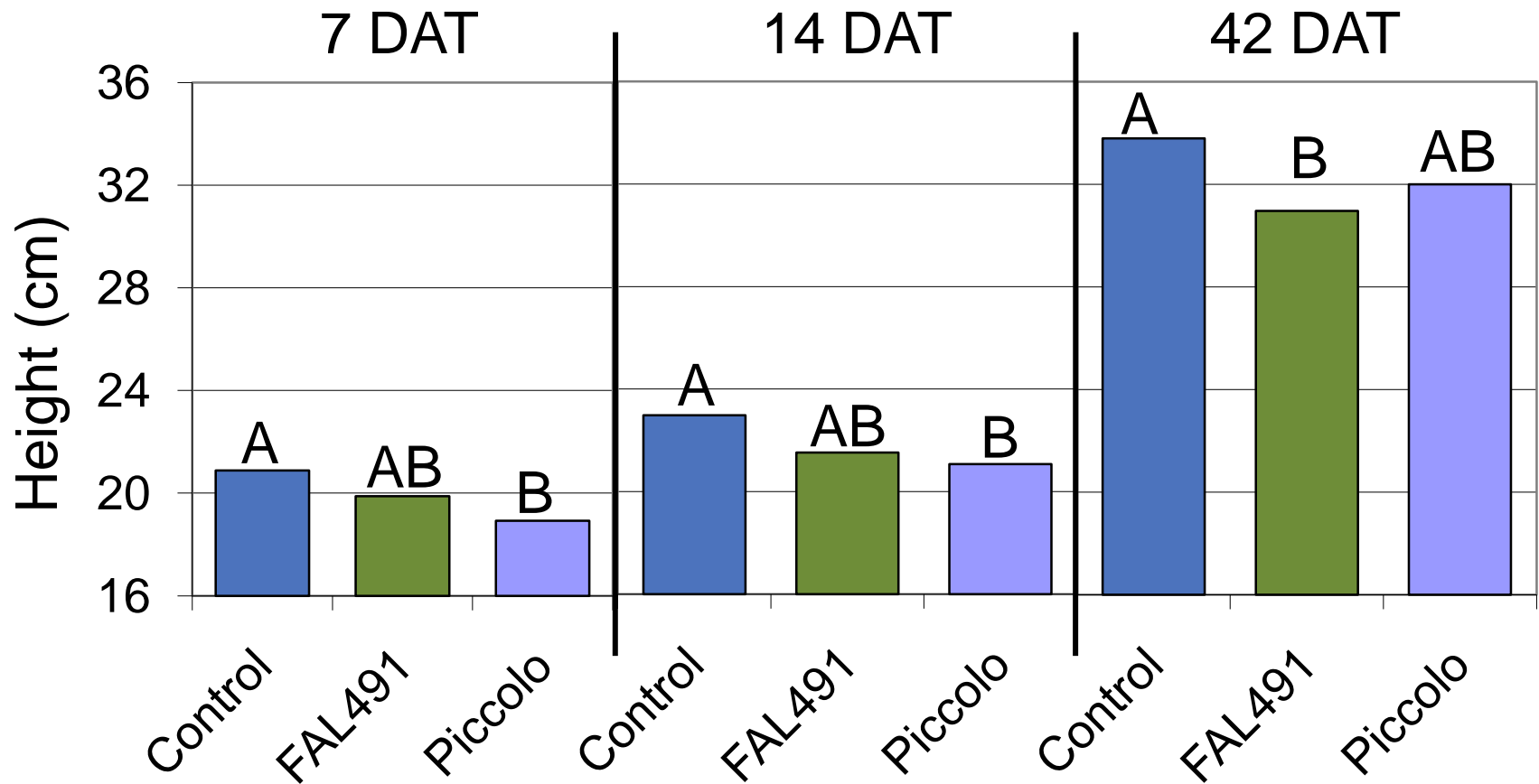
Piccolo

Piccolo 10XC

100 ppm

Pot Mum 'Providence'

Plant Height Spray @ 100 ppm



$P \leq 0.05$

Pot Mum 'Providence'

Foliar Sprays – Piccolo vs. Piccolo 10XC 42 DAT



Control

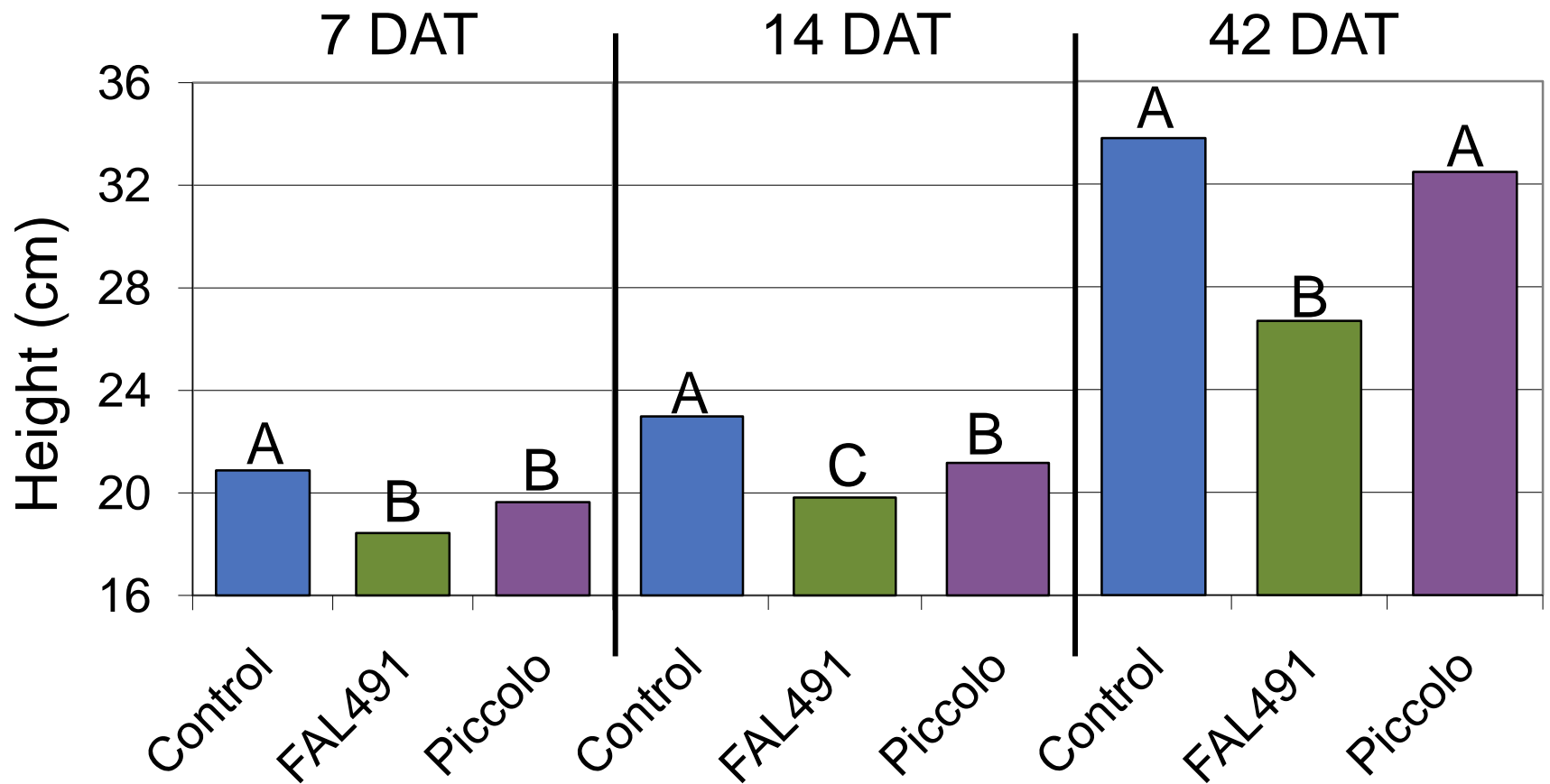
Piccolo

Piccolo 10XC

200 ppm

Pot Mum 'Providence'

Plant Height Spray @ 200 ppm



$P \leq 0.001$

Pot Mum 'Providence'

Piccolo Substrate Drenches 19 DAT



ppm

Pot Mum 'Providence'

Piccolo 10XC Substrate Drenches 19 DAT



ppm

Pot Mum 'Providence'

Piccolo Substrate Drenches 42 DAT



ppm

Pot Mum 'Providence'

Piccolo 10XC Substrate Drenches 42 DAT



ppm

Pot Mum 'Providence'

Substrate Drenches

Piccolo vs. Piccolo 10XC – 42 DAT



Control

Piccolo

Piccolo 10XC

1 ppm

Pot Mum 'Providence'

Substrate Drenches

Piccolo vs. Piccolo 10XC – 42 DAT



Control

Piccolo

Piccolo 10XC

2 ppm

Pot Mum 'Providence'

Substrate Drenches

Piccolo vs. Piccolo 10XC – 42 DAT



Control

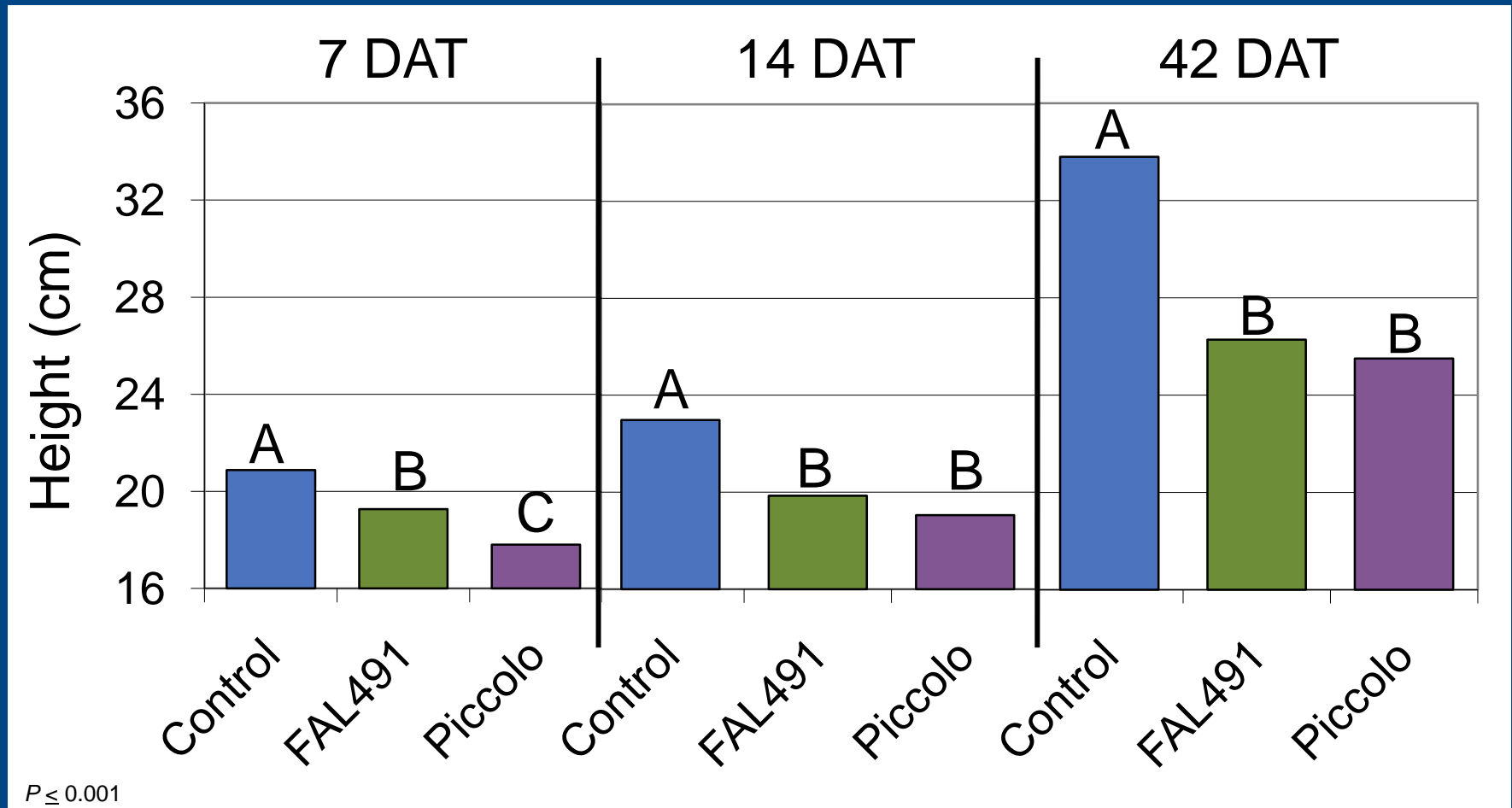
Piccolo

Piccolo 10XC

4 ppm

Pot Mum 'Providence'

Plant Height Drench @ 4 ppm



Pot Mum 'Providence'

Pot Mum Comments

- Spray Applications
 - No phytotoxicity observed
 - Control provided by both Piccolo and Piccolo 10XC at 100 ppm
 - Piccolo and FAL491 had similar height control at 100 ppm
 - At 14 and 42 DAT Piccolo 10XC provided more height control than Piccolo at 200 ppm

Pot Mum Comments

- Drench Applications
 - No phytotoxicity observed
 - Control provided by both Piccolo and Piccolo 10XC at concentrations ≥ 2 ppm
 - Piccolo had greater control than Piccolo 10XC at a concentration of 4 ppm 7 DAT
 - Piccolo and Piccolo 10XC had similar height control at 2 and 4 ppm, 14 and 42 DAT