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ID # 21-1

Comparing Formulations of Aminopyralid on Crown Vetch Control

Mark Renz – Professor and Extension Specialist
Leo Roth – Research Specialist

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COLLEGE OF AGRICULTURAL & LIFE SCIENCES
UNIVERSITY OF WISCONSIN–MADISON

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Research site:
10’ by 25’ plots in an open pasture setting.

How We Sprayed	
Application Timing	Broadcast spray while crown vetch was vegetative
Date	May 18th, 2021
Spray Equipment	CO_2 pressurized 10-foot boom sprayer (20 GPA) with eight Tee Jet nozzles with 15” spacing

Herbicide Treatments

Treatment	Active Ingredient	Rate
1	Untreated Control	-
2	AEP 715	3 fluid ounces per acre (fl oz/A)
3	AEP 715	5 fl oz/A
4	AEP 715	7 fl oz/A
5	AEP 733	3 fl oz/A
6	AEP 733	5 fl oz/A
7	AEP 733	7 fl oz/A

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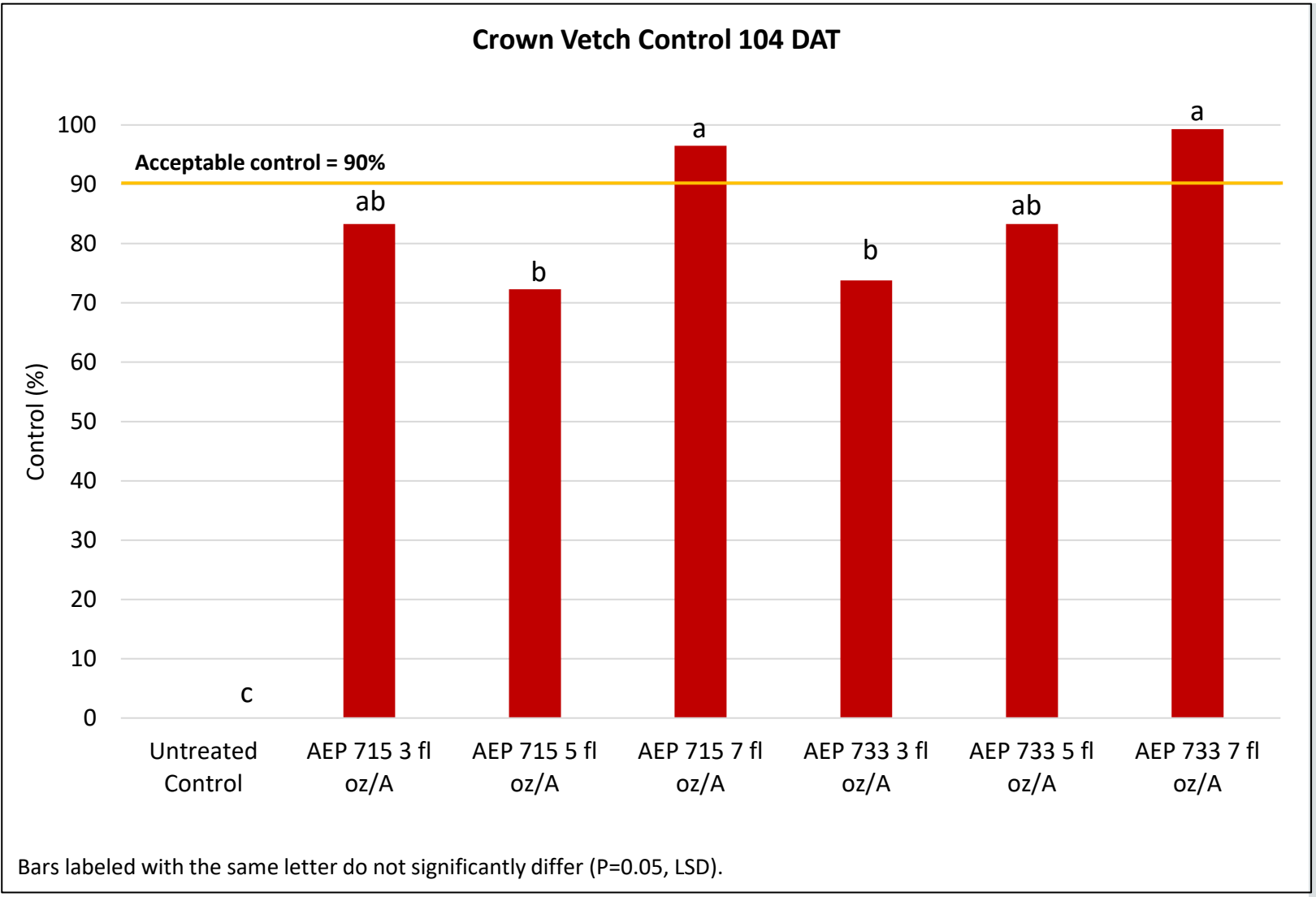

Bars labeled with the same letter do not significantly differ (P=0.05, LSD).

Key Takeaways:

- In season control suggests that 7 fl oz/A is needed for acceptable control
- Evaluations in 2022 will be important to understand long-term control with these formulations