Field Violet Control with Cereal Herbicides

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OBJECTIVE: To evaluate efficacy of field violet with Infinity (pyrasulfotole/bromoxynil) compared to standard winter wheat herbicides used in Ontario under growth room conditions. Currently there is little efficacy data for Infinity applied to field violet.

LIMITATIONS/BENEFITS: Control of weeds is usually better under growth room conditions compared to field conditions. However, if a weed is not controlled by a herbicide under growth room conditions, it is unlikely to be controlled in the field.

RESULTS:
- Refine SG (tribenuron/thifensulfuron) provided the best control of field violet.
- Infinity and bromoxynil/MCPA did not control field violet.
- Dichlorprop/2,4-D suppressed growth of field violet.
- The addition of ammonium sulphate (AMS) to Infinity improved control of field violet, although still not at an acceptable level.

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