

## Brome species in Wheat

Table 1. Percent crop loss from downy brome and cheat that emerged 1 to 7 days after wheat emerged in late September or early October, Fort Hays Experiment Station, Hays, KS.

Year	% Crop Loss		
	20-25 weeds/yd <sup>2</sup>	40-50 weeds/yd <sup>2</sup>	85-100 weeds/yd <sup>2</sup>
Downy brome			
1983-84	17	21	45
1985-86	1	10	26
Mean	9	15	36
Cheat			
1983-84	6	19	35
1985-86	16	22	38
Mean	11	20	36

Table 2. Percent crop loss from downy brome and cheat that emerged 1 to 7 days after wheat emerged in early November, 1984, Fort Hays Experiment Station, Hays, KS.

Species	% Crop Loss			
	20-25 weeds/yd <sup>2</sup>	45-50 weeds/yd <sup>2</sup>	85-100 weeds/yd <sup>2</sup>	180-190 weeds/yd <sup>2</sup>
Downy brome	0	5	1	11
Cheat	3	30	35	51

Table 3. Percent crop loss from downy brome and cheat that emerged 21 to 28 days after wheat emerged in late September, 1985, Fort Hays Experiment Station, Hays, KS.

Species	% Crop Loss			
	20-25 weeds/yd <sup>2</sup>	45-50 weeds/yd <sup>2</sup>	85-100 weeds/yd <sup>2</sup>	180-190 weeds/yd <sup>2</sup>
Downy brome	1	2	5	4
Cheat	9	16	16	14

Tables 1, 2, and 3: Stahlman, Phillip W.; Competition and Control of Annual Bromes in Wheat; Kansas State University; 1986.

<https://www.ksre.k-state.edu/historicpublications/pubs/SRL89.pdf>

### Herbicide Options for 2-leaf to 2-tiller cheat

*PowerFlex 2 oz/A + NIS (3-leaf to jointing)*

*Olympus 0.6 oz/A + NIS (emerge to jointing)*

*Olympus Flex 3 oz/A + NIS + AmS (emerge to jointing)*

Plant back restrictions are 12 (PowerFlex and Olympus Flex) and 18 (Olympus) months for corn.

STS soybeans required following Olympus.

**Check label for more restrictions.**

Photo 1: Heavy cheat pressure



Ohmes, 2016

Photo 2: Cheat emerged between rows



Ohmes, 2016

Photo 3: *Brome sp.* have hairs compared to wheat or ryegrass



Ohmes, 2016