

Table 1. Suggested economic thresholds for treatment of Russian wheat aphid and cereal grass aphid.

| Crop | Stage | Season | Threshold |
|--------------|--|-------------------|--|
| Winter grain | Seedlings (1 tiller) | Fall | 10% of plants infested |
| Winter grain | Plants with >1 tiller | Fall | Plants are stressed, or if there is a threat of winter kill in the area |
| Winter grain | Green-up to first node appearance | Spring | 5% of plants infested and freshly damaged |
| Winter grain | Appearance of first node to head emergence | Spring | 10% of tillers infested |
| Spring grain | Emergence to head emergence | Spring | 10% of tillers infested |
| Spring grain | Head emergence to soft dough | Spring | Heavy infestation (more than 20 aphids per plant) on 10-20% of flag leaves/stems |
| Spring grain | After soft dough stage | Spring and Summer | Little to no benefit of insecticides |

Table 2. Suggested economic thresholds for greenbug aphids.

| Crop Stage | Threshold |
|------------|--|
| Seedling | Average of 5-15 aphids or more on tiller/stem |
| Boot | Average of 10-25 aphids or more on tiller/stem |