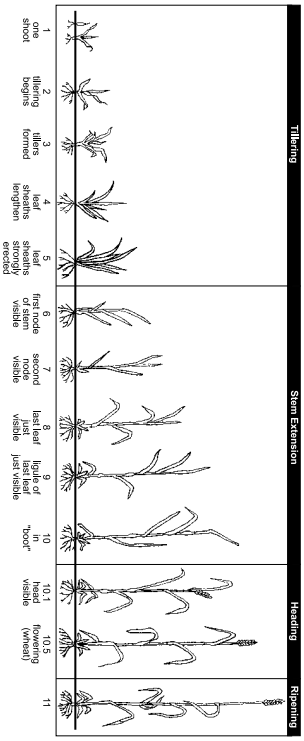
Growth Stages in Wheat



18 Steps for Maximum Winter Wheat Yields

1. Test soil to determine fertility of field.
2. Apply P, K, and lime according to soil test.
3. Select several high-yielding, disease-resistant, winterhardy varieties.
4. Calibrate the drill.
5. For conventional tillage, prepare a good seedbed.
6. For no-tillage, use a contact herbicide.
7. Nitrogen: 30 lb/A in fall as residual or applied.
8. Plant from Oct. 10 to Oct. 30.
9. Plant in 4- to 8-inch row spacings. Tramlines may be established at this time for subsequent applications.
10. Seed 35 (up to 40 for no-till) seeds per square foot of high-quality seed.
11. Apply insecticide as needed for insect control (fall and spring).
12. Check stand density near mid February when winter survival can be rated.
    - **a)** If stand is adequate (25 or more plants per square foot), apply 30 to 40 pounds of nitrogen mid to late February.
    - **b)** If stand is thin (less than 25 plants per square foot), apply 40 to 50 pounds of nitrogen mid to late February.
13. Apply an additional 50 to 60 pounds of nitrogen at Feekes 5 (mid March).
14. Use proper weed control measures (fall and spring).
15. Apply fungicides as needed for disease control during the growing season.
16. Harvest on time at optimum grain moisture (13% to 15%).
17. Provide and prepare adequate, safe storage space.
18. Market wisely for optimum profits.

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Kentucky Winter Wheat Calendar

College of Agriculture
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Wheat Science

A Monthly Outline of Activities for Intensive Wheat Management

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Winter Wheat Calendar