

MALTING BARLEY MANAGEMENT CALENDAR

Utilizing Technology for Input Management Strategies for Refining Malting Barley Production

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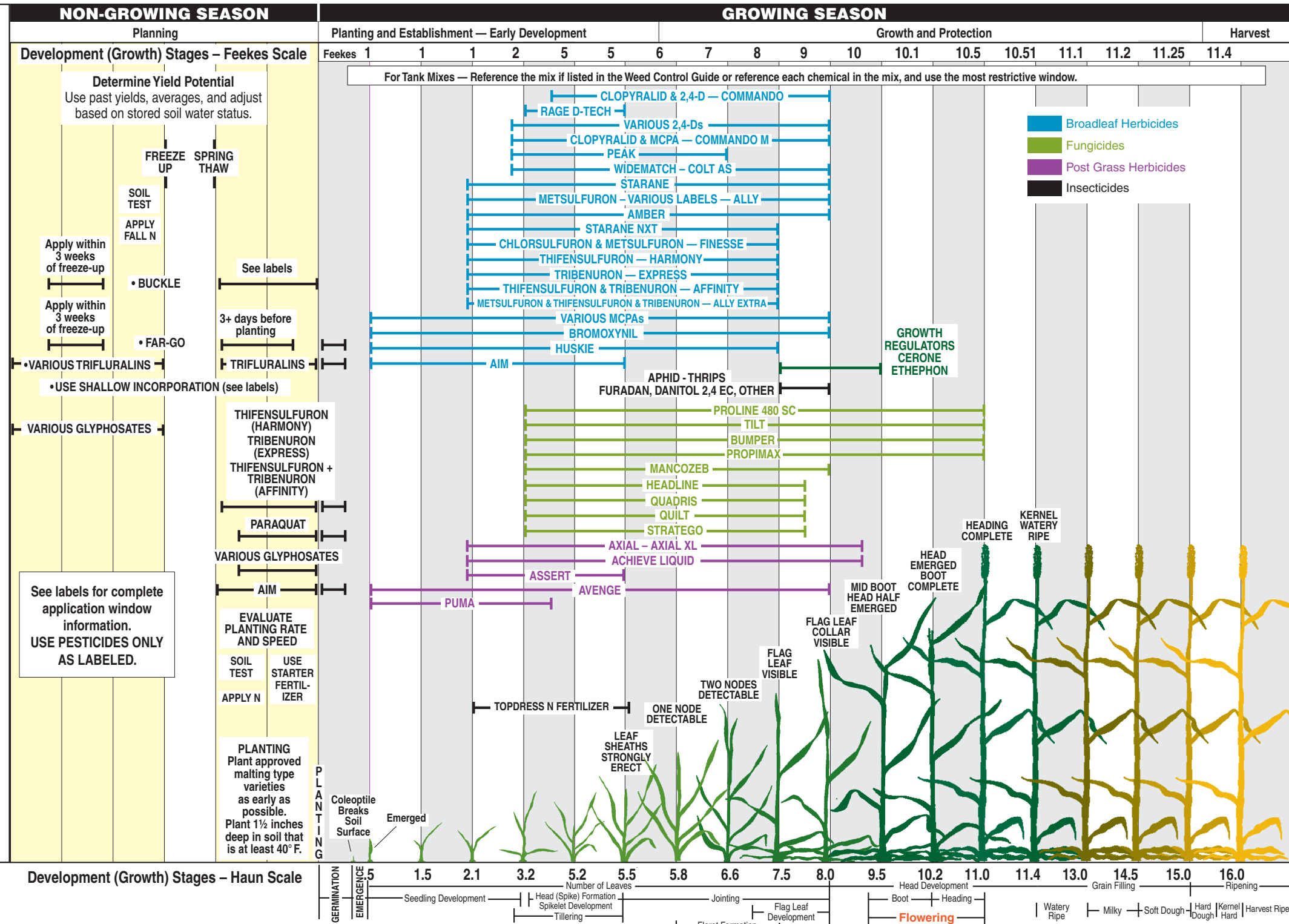
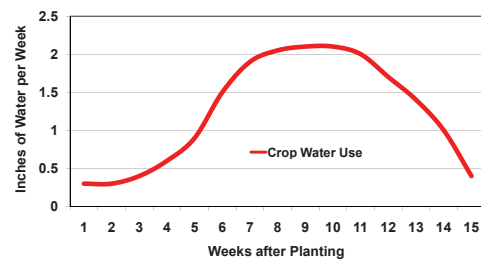
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Irrigating Malting Barley

- Know your soil's water holding capacity
- Probe soil regularly checking water content
- Keep root zone at or near field capacity early
- Know your local evapotranspiration (ET)
- During peak water use, barley can use ~0.30 inches per day
- Have good soil moisture for germination in top few inches
- Critical stage: have good soil moisture for tillering — sets yield potential
- Critical stage: have good soil moisture at flowering to early heading — drives your potential harvestable yield/quality
- Irrigation after the soft dough stage is not recommended

Inches of Water used per Week



For clarity, only main stems and leaves are depicted.



Harvest & Storage

Practices that should be followed:

- Harvest on time
- Use threshing practices that reduce skinned and broken kernels
- Collect representative samples
- Grain augers should run full
- Clean bins — use approved bin spray
- Minimize amount of fines
- Control in store moisture — 13.5% moisture or less
- Recommend aeration for drying, cooling and storage
- If using heated air — maximum temps 105°F
- Monitor grain monthly

