GDD Tracking Worksheet

Log daily soil temps, calculate cumulative GDD50, and know exactly when to apply

PRINT + FILL IN

The GDD50 Formula

Daily GDD = ((High + Low) / 2) - 50

If result is negative, record 0. Sum daily values for cumulative GDD50.

WORKED EXAMPLE

High: 68°F, Low: 42°F

Average: (68 + 42) / 2 = 55°F

GDD: 55 - 50 = 5

Add 5 to your running GDD50 total

Key GDD50 Triggers for Zone 7B

100
Pre-Emergent
Crabgrass germination imminent. Apply NOW.

250
Pre-Em Split App #2
Second half-rate for sandy soil coverage.

500
Fungicide Program Start
Begin FRAC rotation. Brown patch risk rising.

1000+
Peak Pest / Disease
Grub adults emerging. Max disease pressure.

Daily Tracking Log (Print Multiple Copies for the Season)

DATE	HIGH (°F)	LOW (°F)	AVG	DAILY GDD	CUMUL. GDD50	NOTES / ACTION
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
GDD = 100?	▶ APPLY PRE-EMERGENT. Date applied: _____ Product: _____ Rate: _____					
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
_____/_____						
GDD = 250?	▶ SPLIT APP #2. Date applied: _____ Product: _____ Rate: _____					
_____/_____						
_____/_____						
_____/_____						
_____/_____						
GDD = 500?	▶ START FUNGICIDE ROTATION. Date applied: _____ Product: _____ FRAC: _____					

Print multiple copies. One sheet covers ~3 weeks. Start tracking when daily highs consistently reach 50°F (typically early to mid-March on Long Island). Or skip the manual tracking and let the Blade Boss GDD Tracker do it automatically.

Skip the math. The GDD Tracker does this automatically.
Real-time GDD50 tracking, trigger alerts, and application windows for your zip code.

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