

# Latham Hi-Tech 9000 – Alfalfa

## Alfalfa Tech Info Summary

Latham Hi-Tech 9000 has exceptional performance, especially in poorly drained soils, thanks to a root system that's been genetically designed with a greater degree of the branch-rooted trait. This trait helps keep more of the root system above the water table and better secures the plant in the ground during freezing and thawing. The branch-rooted trait also adjusts as moisture stress intensifies. Its advanced rooting system and superior breeding helps LH 9000 deliver high forage yields and winter hardiness. LH 9000 would make a good companion to a highly productive, tap-rooted alfalfa.



### Agronomic Summary

<b>Bacterial Wilt</b>	<b>1</b>	<b>Northern root-knot nematode</b>	<b>2</b>
<b>Fusarium Wilt</b>	<b>1</b>	<b>Spotted Alfalfa Aphid</b>	<b>2</b>
<b>Phytophthora Root Rot</b>	<b>1</b>	<b>Pea Aphid</b>	<b>2</b>
<b>Verticillium Wilt</b>	<b>1</b>	<b>Root Type</b>	<b>Branch</b>
<b>Anthracnose (Race 1)</b>	<b>1</b>	<b>Winter Survival</b>	<b>1.6</b>
<b>Aphanomyces Root Rot (Race 1)</b>	<b>1</b>	<b>Fall Dormancy</b>	<b>2.3</b>
<b>Aphanomyces Root Rot (Race 2)</b>	<b>2</b>	<b>DRI (Disease Rating Index)</b>	<b>30</b>
<b>Stem Nematode</b>	<b>2</b>	<b>DRI (Including Aph. Race 2)</b>	<b>34</b>

## 2007 Head-to-Head Forage Yield Summary

Variety	Total Tons	% Adv	# of Harv	Variety	Total Tons	% Adv	# of Harv
<b>PIONEER</b>				<b>CROPLAN</b>			
LH 9000	29	108	21	LH 9000	17.4	104	12
53V52	26.9			Legendairy 5.0	16.8		
LH 9000	49.9	103	32	LH 9000	29	102	21
54V46	48.5			Rebound 5.0	28.5		
LH 9000	29	106	21	<b>WL</b>			
55H05	27.3			LH 9000	29	105	21
<b>SYNGENTA</b>				WL357HQ	27.7		
LH 9000	36.8	101	25	<b>PUBLIC</b>			
Genoa	36.5			LH 9000	33.3	114	
LH 9000	11.6	102	9	Vernal	29.1		
Somerset	11.4						

### Key

Scale of 1 to 5 with 1 being “Highly Resistant” and 5 being “Highly Susceptible”

- Highly Resistant = 1
- Resistant = 2
- Moderately Resistant = 3
- Susceptible = 4
- Highly Susceptible = 5