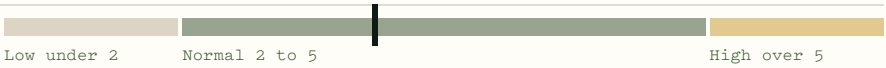
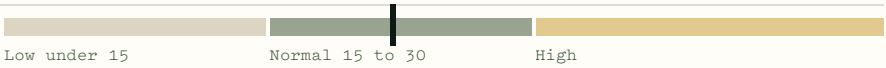
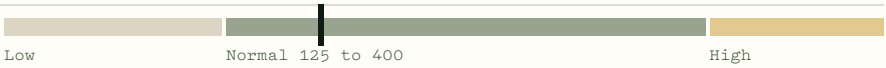
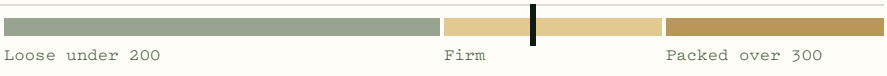
Your soil test

First-visit test · cores pulled April 14, 2027

Sample Customer
Hyde Park
Kentucky bluegrass · 6,000 sq ft

Your soil is alkaline. That is normal in Cache Valley. Alkaline soil often locks up iron. Your iron reading is borderline. Liquid iron in June helps keep the lawn green through July. Phosphorus and potassium are both normal. Core aeration in September will loosen the firm soil.

pH Acid or alkaline	**7.9** pH scale		Normal for soil. Above 7.5, grass often cannot take up iron and turns pale in summer.
Organic matter Soil life and water	**3.1** percent		Healthy. Clippings left on the lawn add to it.
Phosphorus Root growth	**22** parts per million		Enough. No extra phosphorus.
Potassium Heat and drought	**184** parts per million		Enough. No extra potassium.
Iron Green color	**3.6** parts per million		Borderline. Your high pH makes iron harder for grass to use.
Compaction Measured on your lawn	**240** psi at 3 inches		Average of eight readings. Firm soil keeps water and roots near the surface.

Your program stays the same

- Liquid iron stays at your June visit. Your pH and iron readings say the lawn needs it.
- Your winterizer and spring blends stay the same. Phosphorus and potassium are both normal.
- Core aeration and overseeding stay in September. They loosen the soil and thicken the lawn.

Water deeper and less often

Longer, less frequent watering pushes the roots deeper. Skip a day after rain.

Page 2 shows every number the lab returned. Iron is the only reading outside its normal range.

Sample record

We keep this with your application records.

SAMPLE ID	CORES · DEPTH	PULLED · SENT · RESULTS	LAB NUMBER
BRT-27-0414-01	12 cores · 0 to 4 inches	04/14 · 04/15 · 04/28/2027	on the lab report

Your full lab panel

Iron is the only reading outside its normal range

Sample Customer
Hyde Park
Sample BRT-27-0414-01

Your soil: alkaline, with normal organic matter

pH Acid or alkaline	**7.9** pH scale	Low · Normal 6.1 to 8.4 · High	**Normal**
Lime need From the buffer pH test	**None** pH above 7		**No lime**
Nutrient holding How much food the soil can hold	**18.4** lab units (CEC)	Low under 10 · Medium 10 to 20 · High over 20	**Medium**
Organic matter Soil life and water	**3.1** percent	Low under 2 · Normal 2 to 5 · High over 5	**Normal**
Nitrogen release What the soil gives up in a year	**1.8** lb per 1,000 sq ft		**For reference**

Main nutrients: all four are in range

Phosphorus Root growth	**22** parts per million	Low under 15 · Normal 15 to 30 · High	**Normal**
Potassium Heat and drought	**184** parts per million	Low under 125 · Normal 125 to 400 · High	**Normal**
Calcium Soil structure	**3,450** parts per million	Low under 1,000 · Enough	**Enough**
Magnesium Leaf color	**410** parts per million	Low under 100 · Enough	**Enough**

Trace minerals: iron is borderline

Iron Green color	**3.6** parts per million	Low under 2.5 · Borderline 2.5 to 4.5 · Enough over 4.5	**Borderline**
Manganese Leaf health	**4.2** parts per million	Low under 1 · Enough	**Enough**
Zinc Leaf growth	**1.4** parts per million	Low under 1 · Enough	**Enough**
Copper Root and leaf health	**1.1** parts per million	Low under 0.2 · Enough	**Enough**
Boron New leaf growth	**0.6** parts per million	Low under 0.5 · Normal 0.5 to 2 · High	**Normal**

Sodium is too low to harm grass



Calcium 79% · Magnesium 17% · Potassium 3% · Sodium 2% · Hydrogen 0%

The share of the soil's nutrient holding that each mineral fills. Sodium stays under 5% on healthy lawns.

The lab recommends no change to your program, per 1,000 sq ft

NITROGEN
3.5 lb a year
the lab's target

LIME
None needed
your soil already runs alkaline

IRON
June liquid iron
already in your program