

Pelletized Product Analysis

Parameter	Analysis As Received	Lbs. of Nutrient AR/ton	Estimated 1 st Year Availability Lbs./Ton
Ammonium Nitrogen (Total)	0.84%	16.8	8
Organic Nitrogen	3.50%	70	24
Total Kjeldahl Nitrogen (TKN)	4.34%	86.8	33
Phosphorus (As P2O5)	2.84%	56.8	40
Potassium (As K2O)	2.66%	53.2	48
Sulfur (Total)	0.44%	8.8	4
Calcium (Total)	3.02%	60.4	42
Magnesium (Total)	0.47%	9.4	7
Sodium (Total)	0.52%	10.4	7
Copper (Total)	304ppm	0.61	0.43
Iron (Total)	967ppm	1.93	1.35
Manganese (Total)	298ppm	0.60	0.42
Zinc (Total)	315ppm	0.63	0.44
Moisture	11.3%		
Total Solids	88.7%	1770	
Total Salts	7.51%	150	
pH	6.8 S.U.		

Why Pelletized Manure?

Using Organic Works Turkey Manure Pellets as a fertilizer offers several advantages for both the health of your soil and the growth of your plants. Turkey manure is naturally rich in nutrients, and when its processed into easy-to-apply pellets, it combines the benefits of organic fertilization with the convenience of a more controlled, cleaner product. Here are the key reasons why Organic Works Turkey Manure Pellets are an excellent choice for your fertilizer needs, especially for turf management on golf courses or in residential and commercial gardens:

1. Rich Nutrient Profile

Turkey manure, as a fertilizer, is known for its high nutrient content, particularly in the macronutrients nitrogen (N), phosphorus (P), and potassium (K)—the three primary nutrients needed for healthy plant growth.

- **Nitrogen (N):** Helps promote vibrant, green foliage and encourages rapid growth, which is important for grass in high-traffic areas like golf courses. It also supports overall plant vigor.
- **Phosphorus (P):** Crucial for strong root development. A deep, healthy root system is vital for grass to withstand foot traffic and environmental stresses such as drought or high heat.
- **Potassium (K):** Improves disease resistance, enhances drought tolerance, and helps grass recover from stress or wear.

In addition to the big three, Organic Works Turkey Manure Pellets also

provide micronutrients like magnesium, calcium, and sulfur, which are essential for healthy plant metabolism and overall soil health.

2. Slow-Release Fertilization

One of the standout features of Organic Works Turkey Manure Pellets is that they offer slow-release fertilization. This means the nutrients are released gradually over time as the pellets break down, providing consistent nourishment to plants over an extended period. Slow-release fertilizers have several advantages:

- **Reduced Risk of Nutrient Leaching:** Since nutrients are released slowly, they are less likely to wash away with rainfall or irrigation, as can happen with synthetic fertilizers. This leads to more efficient nutrient use and a lower environmental impact.
- **Long-Term Fertilization:** The gradual breakdown means that the grass will have a steady supply of nutrients, leading to more sustained growth and less need for frequent reapplication.

This slow-release nature makes turkey manure pellets an excellent choice for golf courses, where maintaining lush, healthy turf without constant fertilization is key.

3. Improves Soil Health

- **Organic Matter:** Organic Works Turkey Manure Pellets contribute significant organic matter to the soil, which is vital for improving soil structure. Organic matter helps improve soil aeration, water retention, and drainage. On a golf course, where soil health is crucial for both the aesthetic and functional qualities of the turf, improving soil texture can help the grass establish deeper, healthier roots.

- **Microbial Activity:** The organic matter in turkey manure supports soil microbial life. These beneficial microbes break down the organic material, release nutrients, and create a thriving soil ecosystem. This process helps build long-term soil fertility and supports the development of strong, disease-resistant plants.

For golf course greens, fairways, and roughs, improving soil health is especially important because the soil needs to withstand high levels of traffic while supporting healthy, dense grass.

4. Convenient and Easy to Apply

Turkey manure in pelletized form is much easier to handle and apply than fresh manure, which can be bulky and messy. The pellets are uniform in size, making them easy to spread evenly. Here's why this matters:

- **Precision Application:** The pellets are easy to measure and spread evenly, ensuring that you can apply the right amount of fertilizer to the right areas. This is important for maintaining consistent turf quality, especially in large areas like golf courses.
- **Cleaner and More Manageable:** Turkey manure pellets are much cleaner than fresh manure, with no strong odor and less risk of contamination. This makes them ideal for use on golf courses, where the appearance and smell of the environment are important.
- **No Compaction or Burning:** Unlike fresh manure, which can be "hot" and burn plants if over-applied, the pelletized version of turkey manure is composted, making it safe to use without the risk of damaging your grass. The low moisture content in the pellets also makes them easy to store and apply in any season.

5. Eco-Friendly and Sustainable

Organic Works Turkey Manure Pellets are a natural, organic product, making them an environmentally friendly choice compared to synthetic chemical fertilizers. Here's why:

- **Reduced Chemical Use:** By using turkey manure pellets, you reduce the need for synthetic chemicals that can harm soil health, pollute water sources, and damage the surrounding ecosystem.

- **Recycling Organic Waste:** Turkey manure is often a by-product of poultry farming. Using it as a fertilizer helps recycle waste and turn it into a valuable resource, promoting sustainability.
- **Minimal Environmental Impact:** As an organic product, turkey manure pellets break down more naturally, contributing less to environmental pollution than synthetic fertilizers, which can leach into waterways and cause issues like eutrophication (excess nutrients in water bodies).

6. Enhanced Grass Growth and Appearance

The combination of slow-release nutrients, soil health improvements, and steady fertilization can have a dramatic impact on the quality of the grass, especially on golf courses. Here's how:

- **Lush, Green Turf:** The nitrogen in turkey manure promotes the healthy, vibrant green color that is so desirable in golf course turf. Healthy grass also contributes to a better playing surface and an aesthetically pleasing environment.
- **Strong and Resilient Grass:** The balanced supply of phosphorus and potassium ensures that the grass grows strong, with deep, well-established roots and enhanced resilience against stressors like disease, foot traffic, and extreme weather conditions.

For golf courses, this means more resilient, attractive grass that recovers quickly from wear and tear while offering a better playing experience for golfers.

7. Affordable and Cost-Effective

While organic fertilizers like turkey manure pellets may have a higher initial cost than synthetic fertilizers, they can actually be more cost-effective in the long run for golf courses. Here's why:

- **Longer-Lasting Results:** The slow-release nature of the pellets means fewer applications are needed over the course of the growing season, reducing labor and application costs.
- **Reduced Maintenance Costs:** By promoting healthier, more resilient grass, organic manure can reduce the need for additional pesticides, herbicides, and other costly turf treatments.

Conclusion: Why Choose Organic Works Turkey Manure Pellets?

Organic Works Turkey Manure Pellets offer a natural, sustainable, and effective way to nourish your grass, particularly in high-traffic areas like golf courses. The pellets are nutrient-rich, easy to apply, and improve soil structure, which leads to healthier, more resilient grass. They also offer a slow-release fertilization process, ensuring that your turf gets consistent, long-lasting nutrients without the risk of over-fertilization. Additionally, they are eco-friendly, promote a sustainable approach to lawn care, and can improve the aesthetic and functional quality of your turf over time. Whether you're maintaining a golf course, sports field, or home

garden, turkey manure pellets are a powerful and environmentally responsible choice for optimal plant growth.