

ORGANIC FERTILIZER



- ★ **LONG LASTING,
SLOW RELEASING NITROGEN**
- ★ **MADE WITHOUT ANY LITTER,
BEDDING, OR OTHER FILLERS
THAT ADD BULK**
- ★ **ADDS ORGANIC MATTER,
IMPROVING SOIL STRUCTURE
& WATER INFILTRATION**
- ★ **SAFE AROUND PEOPLE & PETS**

OMRI[®]
L i s t e d

Why Manure?

Those using manures must practice sound soil fertility management to prevent nutrient imbalances. Matching the nutrient requirements of crops with the nutrients available in the manure is essential.

Raw manure should not be applied directly to vegetable crops. However, dried manure is an excellent fertilizer usually containing primary (N-P-K) and secondary nutrients as well as trace elements, vitamins, and amino acids.

The nitrogen in manure is mostly organic which is gradually converted to ammonium and nitrate nitrogen in the soil throughout the growing season. The slow release of nitrogen from manure is perhaps its most important asset.

Applied manures also increase microbial populations in the soil. This activity produces compounds that combine with minerals making these elements more available to plant roots. In addition, manures add organic matter to the soil which improves soil structure, aeration, soil moisture-holding capacity and water infiltration.

Why Processed Chicken Manure?

More Concentrated

Raw chicken manure is more concentrated than most other animal manures, yet it contains at least 50% water. Having so much water makes it impractical to package and sell. However, when dried, milled, and pelletized, the dense finished product known as processed chicken manure is quite practical with moistures less than 12% and concentrated nutrient values.

Higher Nutrient Values Chicken manures containing no litter or bedding material have higher nutrient values and better carbon to nitrogen ratios (C/N) which facilitate decomposition of residual organic debris in the field (stover, thatch, etc.).

Exceptional Value

Processed chicken manure is an exceptional value because it contains more primary and secondary nutrients than any other manure. It can also be incorporated into most fertilizer programs. When properly processed, chicken manure can also be approved for organic crop production through the *USDA National Organic Program*.



Why CHICK MAGIC?

CHICK MAGIC processed chicken manure is produced from the pure manure of our own chickens on our family-owned farms and is...

- an all-purpose organic fertilizer for agricultural and horticultural use
- complete with N-P-K plus calcium
- all organic and naturally slow release with water-insoluble nitrogen that will not leach
- Non-burning when properly applied
- homogenous with uniform nutrient composition throughout (not a blended fertilizer)
- dried to a moisture content of less than 12% at a high temperature which destroys any pathogens of human concern like E.coli and Salmonella and any weed seeds
- made without any litter, bedding, or other fillers that add bulk
- allowed in organic farming
- safe to use around people and pets

Calcium
the "King of minerals"

Calcium is often called the "King of Minerals" because of its dominant role in both the soil and plant. In soils, it helps balance pH which ultimately facilitates nutrient availability. In plants, it promotes rapid root establishment and strong cell formation. Calcium plays more roles in the health of both plants and soils than any other nutrient.

Healthy plants need healthy soil. Healthy soil begins with billions of microbes and some naturally occurring nitrogen, phosphorus, and potassium (NPK). Healthy growing plants then remove some of these primary nutrients, as well as some secondary and trace nutrients. These nutrients can and should be replaced with either natural or synthetic sources. Overall, the natural sources have proven to be more user-friendly, less costly, and do not reduce microbial populations in the soil as synthetic (chemical) fertilizers do.

Long term USDA-ARS studies show that natural organic practices significantly build organic matter and increase microbial populations in the soil. These microbes ultimately convert insoluble nutrients into soluble nutrients which then become available to the plant. They also build structure within the soil which retains water and oxygen, both of which are fundamental to plant growth.

Of all organic fertilizers, perhaps dried manures offer the biggest bang for your buck, because they are so abundant. Processed manure, especially processed chicken manure, is the best value because it contains more primary and secondary nutrients than any other manure. It is also free of weed seeds and any harmful pathogens.

CHICK MAGIC fertilizer has these qualities and a dozen others, including price and availability, that make it the "best-of-the-best" all-purpose, organic fertilizer.

Guaranteed Analysis

Total Nitrogen (N)*	5%
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	2%
Calcium (Ca)	7%

Derived from processed chicken manure
 *3% Slowly Available Nitrogen from Chicken Manure

Look for these other fine products from
CHICK MAGIC



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for

**LAWNS, TREES, SHRUBS,
 FLOWERS, FRUITS & VEGETABLES**

CHICK MAGIC is an all-purpose organic fertilizer made from "processed" chicken manure that contains:

5% nitrogen which promotes vegetative growth, color, and stem strength

3% phosphorous which promotes root development and flowering abilities

2% potassium which promotes disease resistance, temperature tolerance, and fruit quality

7% calcium which promotes strong cell structure, rapid root establishment, and much more.

