

FERTILIZER AND CHEMICAL CATALOG



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AUTOMATIC SUPPLY

Outdoor Living | Lighting | Irrigation

FERTILIZER AND CHEMICALS

We understand the unique needs of your customers and their lawns. Let us help you find the right solution for all of your projects, big and small. Our fertilizers and chemicals are specially formulated for different types of applications, weather conditions, and usage requirements. We look forward to helping you select the right product for the job and to help you formulate your application plans, as well.

In most years lawn care applications are applied over a 9 to 9.5 month timeframe. If you choose to do a 5-application program, you will be making applications every 6 to 8 weeks, a 6-application program every 5 to 7 weeks and 7 application every 3 to 6 weeks. In most cases all mineral fertilizers will only last 4 to 6 weeks so there are coatings applied to the granules that allow them to release slower and give consumers the 8-week nutrition that they need.



FEBRUARY 15TH – MAY 1ST*

Early season applications usually consist of at least one pre-emergent application. This pre-emergent will prevent grassy weeds from emerging come summer. Most grassy weeds have germinated by May 1 and after germination pre-emergents are not effective.



MAY 1ST – AUGUST 31ST*

Mid-season applications consist of balanced fertilizers that are designed to keep plant health strong so it can fight against the summer stress. Drought, insect, and disease damage occur more easily when plant health is down (it's like when a human's immune system is down, they get sick).



SEPTEMBER 1ST – NOVEMBER 30TH*

Late season applications are all about feeding the plant and developing the root system headed into the winter months. This is one of the most important applications because it builds a stronger root system.

*Dates are general and will be variable by weather and what market you're in.



PRODUCT INFORMATION

CAVALCADE

- An important pre-emergent to help in the early spring applications
- Contains prodiamine, a long residual pre-emergence weed control without staining issues
- Designed for less spring surge growth



DITHIOPYR

- A proven colorless pre-emergence weed control without staining issues



N-FATE PREMIUM TURF GRADE NITROGEN

- **Cost efficient:** supplies two vital nutrients for turf-nitrogen and sulfur. Using N-Fate can also improve phosphate and micronutrient availability.
- **Immediately available:** The sulfur is in sulfate form, the only form that plant roots can take up. Unlike other forms, sulfate sulfur doesn't need to go through microbial reactions in the soil to become available to the plant.
- **Less susceptible to N losses:** The nitrogen is in the stable ammonium form, which resists losses to leaching, volatilization, and de-nitrification. N-Fate is less prone to volatilization losses that can occur with urea.
- **Disease Suppression:** Ammonium sulfate has shown to reduce the damage caused by summer patch in University studies
- **Cleaner dust free blended products:** Using N-Fate, as a portion of nitrogen in blended turf fertilizer products, will drastically reduce or eliminate filler that is generally the root cause of fine particles that causes flowability problems.
- **Response in High pH soils:** N-Fate will offer better turf response and color in areas that have a higher pH. N-Fate will acidify the soil in rhizosphere area increasing nutrient uptake of phosphates, iron, and many other micronutrients.
- **Greener Turf:** Bottom line, pound for pound, dollar for dollar, N-Fate will turn your customers turf a darker more desirable color.



PRODUCT INFORMATION

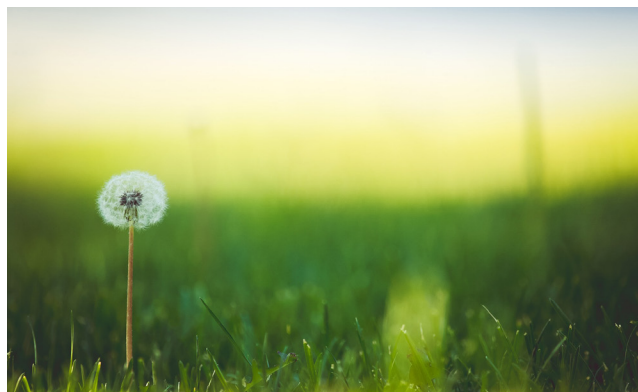


HKCU - HUMIC POTASSIUM COATED UREA

- **Unique Bonding Process:** HKCU (Humic-Potassium Coated Urea) granules are free flowing and remain dry in packaging as well as in the spreader hopper while applying. The unique coating penetrates the urea surface creating an impenetrable bond that resist ambient air moisture. This protection remains in place after application until rain or watering is introduced. Thus enhancing the urea nitrogen by reducing volatility between the application to solubility timeline.
- **Spreadability:** Free-flowing and dry products are essential for the professional. Unlike other traditional urea additive product, HKCU improves urea spreadability and remains dry and free flowing in the package over months of storage.
- **Enhance Soil Biology:** HKCU contains both Fulvic and Humic Acids. Fulvic and Humic acids chelate nutrient compounds, especially iron, in the soil to a form suitable for plant utilization. Thus, the nutrient supply of plants is optimized. Increases up to 70% accompanied by a reduction up to 30% in the use of fertilizers as well as better and healthier growth of turf grass and ornamentals.
- **Healthier Plants:** Current scientific studies show that the fertility of soil is determined to a very large extent by the content of humic acids. Their high cation-exchange capacity (CEC), the oxygen content as well as the above average water holding capacity are the reasons for the high value of using humic acids for improving soil fertility and plant growth. The most important feature of humic acids lies in their ability to bind insoluble metal ions, oxides and hydroxides, and to release them slowly and continually to plant when required.



5 APPLICATION PROGRAM



With a 5-application program, you will need to be making application every 6-8 weeks. The first treatment will be a spring treatment to put down pre-emergents to try and prevent any leafy weeds from coming up. The next three treatments will be to strengthen the condition of the lawn. The final treatment will be in the fall and is extremely important in establishing a strong root system for future lawn strength.

Round 1: 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 30% PCU .37% Cavalcade

Round 2: 25-0-5 30% PCU or 25-0-5 50% PCU

Round 3: 25-0-5 30% PCU or 25-0-5 50% PCU

Round 4: 25-0-5 30% PCU or 25-0-5 50% PCU

Round 5: 34-0-4 urea based or 25-0-5 50% HKCU or 46-0-0 urea

Did you know?

PCU stands for Poly Coated Urea. The poly coating makes the granules release slower which gives the fertilizer a longer life span.



6 APPLICATION PROGRAMS

With a 6-application program, you will need to be making application every 5-7 weeks. Depending on whether you split your pre-emergents, the first treatment or two will be a spring treatment to put down pre-emergents to try and prevent any leafy weeds from coming up. The next 3-4 treatments will be to strengthen the condition of the lawn. The final treatment will be in the fall and is extremely important in establishing a strong root system for future lawn strength.

- Round 1:** 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade
- Round 2:** 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade
- Round 3:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 4:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 5:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 6:** 34-0-4 urea based **or** 25-0-5 50% HKCU **or** 46-0-0 urea

6 APPLICATION PROGRAMS - SPLIT PRE-EMERGENT



WHY WOULD YOU SPLIT PRE-EMERGENT TREATMENTS?
Certain weeds are controlled better by two applications. It can help extend control over a wider range of weeds than what you would have from a singular application.

- Round 1:** 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade
- Round 2:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 3:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 4:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 5:** 25-0-5 30% PCU **or** 25-0-5 50% PCU **or** 25-0-5 50% HKCU
- Round 6:** 34-0-4 urea based **or** 25-0-5 50% HKCU **or** 46-0-0 urea



7 APPLICATION PROGRAMS

With a 7-application program, you will need to be making application every 3-6 weeks. Depending on whether you split your pre-emergents, the first treatment or two will be a spring treatment to put down pre-emergents to try and prevent any leafy weeds from coming up. The next 4-5 treatments will be to strengthen the condition of the lawn. The final treatment will be in the fall and is extremely important in establishing a strong root system for future lawn strength.

Round 1: 7-0-0 .37% Cavalcade or 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade

Round 2: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 3: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 4: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 5: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 6: 25-0-5 50% HKCU

Round 7: 34-0-4 urea based **or** 25-0-5 50%HKCU **or** 46-0-0 urea

7 APPLICATION PROGRAMS - SPLIT PRE-EMERGENT

Round 1: 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade

Round 2: 7-0-0 .37% Cavalcade **or** 13-0-0 .37% Cavalcade **or** 15-0-3 50% PCU .37% Cavalcade

Round 3: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 4: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 5: 25-0-5 30% PCU **or** 25-0-5 50% HKCU

Round 6: 25-0-5 50% HKCU

Round 7: 34-0-4 urea based or 25-0-5 50%HKCU or 46-0-0 urea



DIRECT-TO-JOBSITE DELIVERY IS OUR SPECIALTY

Count on us to get you what you need, when you need it.
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