

## Calcium ammonium nitrate $5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4 \text{NO}_3 \cdot 10\text{H}_2 \text{O}$



Calcium ammonium nitrate

Molecular formula:  $5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4 \text{NO}_3 \cdot 10\text{H}_2 \text{O}$

Executive standard: GB / t4553-2002

Calcium ammonium nitrate is white round granulation and 100% soluble in water. It is a new type of compound fertilizer containing nitrogen and calcium. It has the characteristics of fast fertilizer effect and rapid nitrogen supplement, in which calcium and magnesium are added. The nutrients are more comprehensive than ammonium nitrate and can be directly absorbed by plants. It is characterized by rapid nitrogen supplement, and plants can directly absorb nitrogen and calcium; Low physiological acidity can make the soil loose without hardening; It can promote the beneficial activities of microorganisms in soil and increase the soil aggregate structure; Reduce the concentration of active aluminum and improve the utilization rate of phosphorus by crops.

Name of index	Unit	Standard value
Total nitrogen content	$\% \geq$	15.5
Water	$\%$	12-16
Nitrate-nitrogen	$\% \geq$	14.0

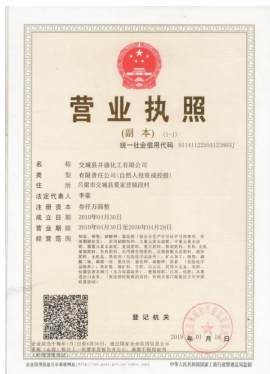
Ammoniacal nitrogen	$\% \geq$	1.5
Ca	$\% \geq$	18.5
Water insoluble matter	$\% \leq$	0.2
Fe	$\% \leq$	0.005
Chlorine	$\% \leq$	0.08
PH value		5.6-6.8
Granularity	MM	2-4

### **Application**

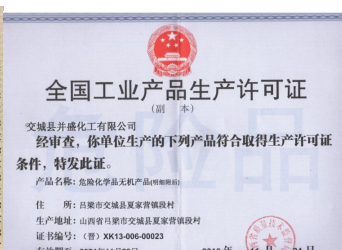
Application: This product is a neutral fertilizer with low physiological acidity and can improve acidic soil. After being applied into the soil, the pH is small, which will not cause soil hardening and can make the soil loose. At the same time, it can reduce the concentration of active aluminum, reduce the fixation of active phosphorus, and provide water-soluble calcium, which can improve the resistance of plants to diseases. It can promote the activity of beneficial microorganisms in soil. When planting cash crops, flowers, fruits, vegetables and other crops, the fertilizer can prolong the flowering period, promote the normal growth of roots, stems and leaves, bright fruit color and increase fruit sugar. Calcium ammonium nitrate is suitable for greenhouse and field crops. It can prolong the flowering period, bright fruit color, increase sugar content and improve plant disease resistance. Calcium ammonium nitrate can be used as base fertilizer and topdressing.



QA&QC:







## OUR LABORATORY



## Packing, Storage, Handling and Transportation

Packaging: plastic woven bag or paper plastic composite bag, lined with plastic bag, net weight 25 / 50 / 500 / 1000kg

Storage and transportation: sealed and stored in a cool and dry warehouse. The package must be sealed and moisture-proof. Prevent rain during transportation

Drench and sun exposure.



**Production equipment:**

We have advanced equipment and the quantity of our product has reached the world-leading levels.







**Our company's product indicators meet and exceed the standards. The company has the right to operate and export independently. Our products are sold in more than 20 provinces, cities and regions, and exported to Southeast Asia, the Middle East, Europe, North America, South America and other countries and regions. We are willing to go hand in hand with the majority of users with our products and services to create brilliance.**

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