



**PRODUCT INFO
& DATASHEET**

SICORGAN-AMINO-GR Type 2

ORGANIC GRANULAR AMINO ACID FERTILISER

**12% N + 1.5% K₂O + 27% Humic Acids + 2.7% Amino Acids + 12% S
(25% OM)**

- Made in China -

11/2021

1. PRODUCT INTRODUCTION & DESCRIPTION

HC CODE: 3105 9090

SICORGAN-AMINO-GR Type 2 is made of grain fermentation liquid as the main raw material going then through evaporation, spraying and granulation process.

Rich in organic matter (25%) and humic acid: improves the soil, preserves moisture and promotes the activity and reproduction of beneficial microorganisms in the soil.

2. PRODUCT SPECIFICATIONS / CERTIFICATE OF ANALYSIS

Test Report

Report Number: AGT201000194TJ

NO	Test Item	Unit	Test Method	Results (Intertek)
1.	Total Nitrogen	%	GB/T 17767.1-2008	12.02
2.	Total P ₂ O ₅	%	GB/T 17767.2-2010	0.77
3.	K ₂ O	%	GB/T 17767.3-2010	2.07
4.	S	%	GB/T 19203-2003	12.39
5.	Moisture	%	GB/T 8576-2010	1.69
6.	pH	%	GB/T 18877-2009	3.47
7.	Organic Matter	%	GB/T 18877-2009	28.8
8.	Humate Acid	%	NY/T 1971-2010	27.2
9.	CaO	%	GB/T 19203-2003	1.06
10.	MgO	%	GB/T 19203-2003	0.97
11.	Chlorine	%	GB/T 18877-2009	2.47
12.	Pb	mg/kg	NY/T 1978-2010	1.4
13.	Cd	mg/kg	NY/T 1978-2010	N.D.
14.	Hg	mg/kg	NY/T 1978-2010	N.D.
15.	As	mg/kg	NY/T 1978-2010	10.9
16.	Na	%	NY/T 1972-2010	1.39
17.	Fe	%	GB/T 14540-2003	0.350
18.	Mn	%	GB/T 14540-2003	0.0109
19.	Cu	%	GB/T 14540-2003	0.00042
20.	Zn	%	GB/T 14540-2003	0.00239
21.	* Total Free Amino Acids (16 items)	%	NY/T 1975-2010	2.7
22.	* Aspartic Acid	%	NY/T 1975-2010	0.067
23.	* Glutamic Acid	%		0.91
24.	* Serine Acid	%		0.034
25.	* Histidine Acid	%		<0.02
26.	* Glycine Acid	%		0.021
27.	* Arginine Acid	%		<0.02
28.	* Alanine Acid	%		0.98
29.	* Tyrosine Acid	%		<0.02
30.	* Valine Acid	%		0.091
31.	* Methionine Acid	%		<0.02
32.	* Phenylalanine Acid	%		<0.02
33.	* Isoleucine Acid	%		<0.02
34.	* Leucine Acid	%		0.034
35.	* Lysine Acid	%		<0.02
36.	* Proline Acid	%		0.50
37.	* Threonine Acid	%		0.015

N.D. =Not detected (less than LOQ.)

*The test was carried out by external laboratory / Testing period: 03/11/2020 – 26/11/2020

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3. PRODUCT APPLICATIONS

Field crops, vegetables, herbs, gardens, flowers, fruits and other crops.

4. INDICATIVE USAGE INSTRUCTIONS

1. To be used as base fertiliser or topdressing: as base fertiliser by spreading or ditching (8-10 cm separated from seed and then cover with soil timely after fertilization. Topdressing can be applied in the planting hole or ditch, then cover with soil timely. Product is fully water soluble.
2. When fertilising, pay attention to the isolation of seeds, seedlings or roots from fertilisers, and avoid direct contact between fertilisers and plants or seedlings. After fertilising, cover the soil in time and pour plenty of water.
3. The below usage rates are recommended per ha, and the more specific usage amounts should follow the advice of local agricultural technicians.

CROP	Dosage & fertiliser period	CROP	Dosage & fertiliser period
Wheat	Base fertiliser: 900 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Apple	Base fertiliser: 1.5 - 2.5 kg/plant Additional fertiliser: - before flowering: 1.0 - 1.5 kg/plant - fruiting stage: 1.5 – 2.5 kg/plant - after picking fruit: 1.0 – 1.5 kg /plant
Corn	Base fertiliser: 900 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Peach	Base fertiliser: 1.5 - 2.5 kg/plant Additional fertiliser: - before flowering: 1.0 - 1.5 kg/plant - fruiting stage: 1.5 – 2.5 kg/plant - after picking fruit: 1.0 – 1.5 kg /plant
Rice	Base fertiliser: 900 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Pear	Base fertiliser: 1800 - 2400 kg/ha Additional fertiliser: - sprouting stage: 1 – 1.5 kg/plant - after picking fruit: 1.5 – 2 kg /plant
Soybean	Base fertiliser: 600 – 1200 kg/ha Additional fertiliser: 300 – 600 kg/ha	Orange	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: - before flowering: 600 - 900 kg/ha - fruiting stage: 900 – 1200 kg/ha
Ginger	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Watermelon	Base fertiliser: 900 – 1500 kg/ha Additional fertiliser: - fruit growing stage: 300 - 600 kg/ha - fruiting stage: 225 – 300 kg/ha
Garlic	Base fertiliser: 1800 – 2400 kg/ha Additional fertiliser: 600 – 900 kg/ha	Grape	Base fertiliser: 0.5 - 1.5 kg/plant Additional fertiliser: - before flowering: 0.5 - 1 kg/plant - fruit growing stage: 0.5 – 1 kg/plant - after picking fruit: 1.0 – 1.5 kg /plant
Potato	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Strawberry	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: - flowering stage: 300 - 600 kg/ha - fruiting stage: 375 – 450 kg/ha
Tomatoes	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: 600 – 900 kg/ha	Banana	Base fertiliser: 1200 – 1800 kg/ha
Cucumber	Base fertiliser: 1800 – 2400 kg/ha Additional fertiliser: 900 – 1200 kg/ha	Tea	Base fertiliser: 900 – 1500 kg/ha Additional fertiliser: - spring: 600 – 900 kg/ha - summer: 375 – 600 kg/ha
Pepper	Base fertiliser: 1200 – 1800 kg/ha Additional fertiliser: 900 – 1200 kg/ha		

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5. STORAGE AND TRANSPORTATION REQUIREMENTS

Cover during the transportation. Prevent rain, sun or high temperature. When the storage environment temperature is higher than 35 °C, take appropriate way to ensure product quality.

Handle bags with care to avoid breakage. It is strictly prohibited to mix with other toxic or harmful microbial agents.

Products should be stored in a cool, dry, ventilated warehouse. Do not pile up in the open air to prevent sun, rain, avoid adverse conditions.

6. SHELF LIFE: 3 years, if stored properly.

7. PACKING: 25 kg wpp + pe bags, loose without pallets = 26 MT/20' fcl or if on pallets 20 MT/20' fcl, or 1000 kg big bags without pallets = 20 MT/20' fcl.

