

ROSES ARE RED....

....a Better Red because of the RLF Better Rose Nutrition Program

Authorised for release by:

Melanie Wu,
Deputy General Manager, RLF China,
and translated by Echo Dong

China celebrates its Valentine's Day on the seventh day of the seventh lunar month, and from this lunar alignment comes its name, Qixi.

Roses, as the symbol of love, span many languages and cultures, and when you see blooms as healthy and colourful as those in this photo image, you can only imagine the depth of feelings they convey.



Rose growers love this celebratory festival and spend many months preparing for the day.

The rose has a developed root system with an extra-large demand for nutrients from the soil. And the demand for nutrients by roses is diverse. Only the balanced combination of different nutrients can make the flowers grow both high quality and high yield.

Showcasing Two RLF Rose Nutrition Programs

The following is the first of two case sharing demonstrations about the effects on roses treated with an RLF crop nutrition program. The first location and grower details are as follows:

Demonstration Location	Longquan Village, Baofeng Town, Jinning District, Kunming City, Yunnan Province
Demonstration Grower	Mr. Miao
Rose Variety	French Rose
Demonstration Area	1.2mu (0.08 hectare)



The RLF fertiliser application process

The Products Used and Nutrition Timing Employed

Dates	Fertiliser and Methods Used
23rd June 2018	Furrow injection with 5kg Dynamo High-N and 5kg Dynamo High-P
28th June 2018	Foliar spray with Plasma Power at 500 times dilution
6th July 2018	Furrow injection with 6kg Dynamo High-N and 5kg Dynamo High-K
18th July 2018	Furrow injection with 4kg Dynamo High-P and 6kg Dynamo High-K

Before treating the rose bushes with the RLF products, and because the roots of Mr Miao's flower field were relatively weak as a result of heavy soil acidification the leaves were yellowing. After using the **Dynamo** program for two months, the situation greatly changed.

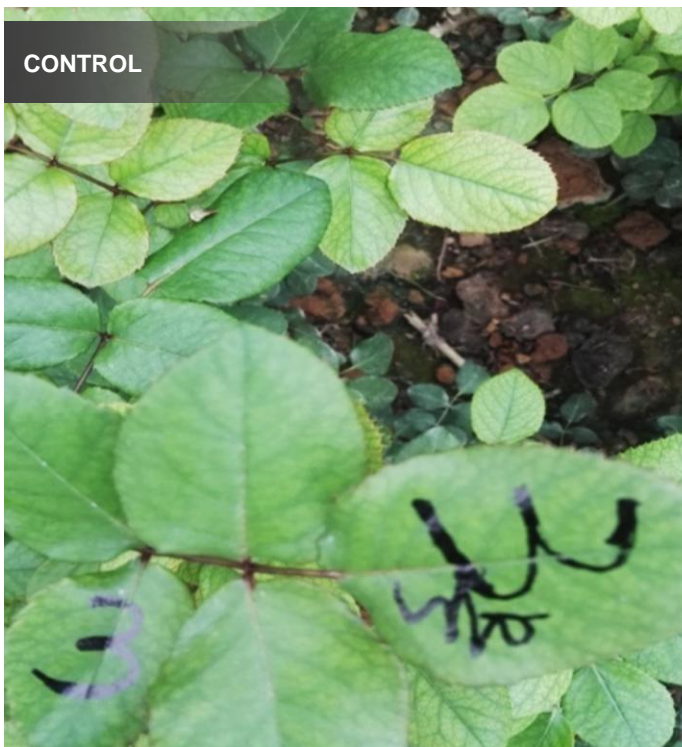
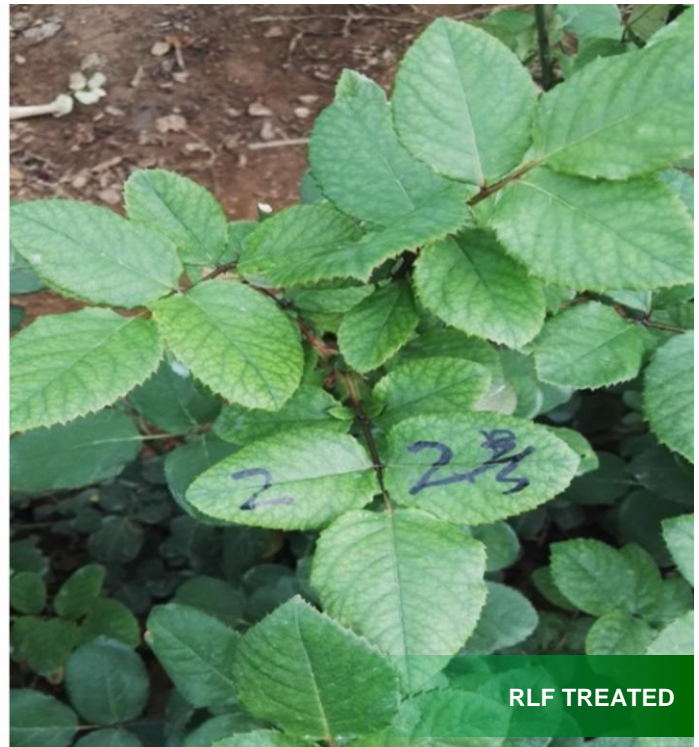


RLF Sales Manager is checking the growth of the rose field

The Comparisons

Of the Leaf

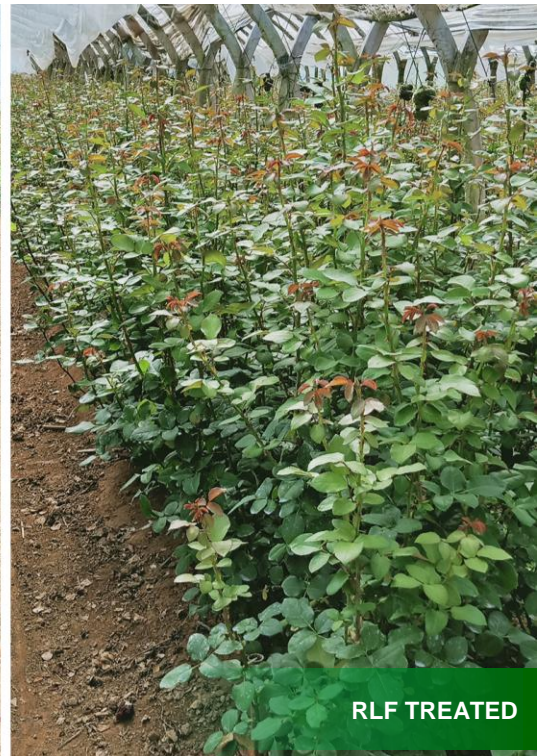
Before application, some of the leaves in the rose field showed signs of nutrient deficiency. After three applications of the **Dynamo** series of products, most of the leaves recovered their health and showed dark green color and thicker leaves.



Of the Stem

The length, thickness and straightness of flower branches are the key factors affecting the rating of roses. Happily, the whole stem of the demonstration field is about 5-7cm longer than that of the control field.

And the RLF-treated roses had thicker and greener leaves.



Of the Flower Bud

At the 3rd August 2018 observation day, the RLF-treated rose field showed fuller bracts, brighter colours, thicker branches and better verticality.



The second case sharing demonstration was at the following location:

Demonstration Location	Mojiazhuang Village, Baofeng Town, Jinning District, Kunming City, Yunnan Province
Demonstration Grower	He Pinghong
Rose Variety	Legend & Peach Avalanche+

The Products Used and Nutrition Timing Employed

Dates	Fertiliser and Methods Used
23rd June 2018	Furrow injection with 6kg Dynamo High-N and 2kg Dynamo High-K
28th June 2018	Furrow injection with 4kg Dynamo High-N and 4kg Dynamo High-K
6th July 2018	Furrow injection with 3kg Dynamo High-P and 5kg Dynamo High-K
18th July 2018	Furrow injection with 3kg Dynamo High-P and 5kg Dynamo High-K



产品示范园

让花再更好一点

示范户: 何平红 13658839362 作物名称: 传奇

示范地点: 宝峰麦家庄

联系电话: 15825281758

用肥时间	作物时期	用肥方案	备注
7月1日	提条	尤纯N6kg+尤纯K2kg	
7月8日	提条	尤纯N4kg+尤纯K4kg	
7月17日	花头肥	尤纯P3kg+尤纯K5kg	
7月28日	花头肥	尤纯P3kg+尤纯K5kg	

澳大利亚埃尔夫

The Comparisons

Of the Stem



Legend Rose with higher stem



Peach Avalanche+ Rose

Of the Flower Bud

During the flowering period, the grower selected rose fields of the same area from both the demonstration and Control areas to compare the wryneck situation of the flower head. The results were that the average number of flowers in the demonstration field was 7 and in the Control field it was 10. The wryneck number from the RLF-treated rose field was reduced by nearly 30%. At the same time, the flower buds were larger and the colours were more vivid.



The full bloom roses treated with RLF Dynamo range of products

In addition to large amounts of the key elements of nitrogen, phosphorus and potassium, the cultivation of high-quality roses also needs moderate additional trace elements. Otherwise, the leaves of the plants will present chlorosis, and even make some plant organs malform affecting the normal growth and development of the prized roses.

About the Dynamo Series of Products

DYNAMO HIGH-K



DYNAMO FERTIGATION High-K

Dynamo High-K is a specialised Fertigation or Irrigation fertilizer engineered to deliver a multi-spectrum fertilizer and nutrient package directly to the plant through irrigation or furrow (ground) injection. It is engineered to contain a high concentration, optimally balanced with three vital elements (N-P-K) plus three essential micro-nutrients in a single solution.

Dynamo High-K ensures greater plant protection, increased growth and improved yield qualities. This is a highly effective method of delivery of nutrient to the plant via the root structure.

Dynamo High-K is high in available potassium (K).

Features and Benefits

- Increased yield as demonstrated by trials and grower experiences.
- Improved quality and value as it significantly increases crop quality, quantity and nutritional value.
- Equipment friendly as the HDS formulation means it is immediately dispersed when mixed in irrigation systems.
- Precise method of application gives the ability to feed plants frequently and in managed doses.
- Matching of nutrients to the crop's physiological growth demands is easier.
- Based on science as the formulation is based on plant nutrient removal science which addresses a complete and optimum balance of essential nutrients.
- Environmental conditions are handled better because it gives the plant more energy to deal with stresses associated with nitrogen-related, changing weather patterns, variations in soil, pests and other external conditions.
- Stronger plants to resist disease as plant and crop safety is ensured by investing greater strength in the plant to best protect from disease and handling can be reduced.
- Effects from herbicides, fungicides and pesticides are buffered as it provides a substantial boost of nutrients when needed to buffer against the toxic effects of chemicals.
- Provides nutrient base as the optimum nutrient package is delivered below the root zone (as compared to NPK granular fertilizers).
- Soil management is easier as it provides a better way of managing nutrient, soil pH and nitrogen balance.

Specialized Product for Irrigation

Dynamo High-K contains chelates, soluble carbohydrates, phosphorylated metabolites and organic compounds that are readily consumed by soil micro-organisms in order to stimulate soil biological activity and generate enhanced crop health.

Easy on Equipment

Dynamo High-K is a high quality solution, easy to mix, quick to disperse and friendly on irrigation equipment.

[Click here to view this Product Brochure](#)

DYNAMO HIGH-N



DYNAMO FERTIGATION High-N

Dynamo High-N is a specialised Fertigation or Irrigation fertilizer engineered to deliver a multi-spectrum fertilizer and nutrient package directly to the plant through irrigation or furrow (ground) injection. It is engineered to contain a high concentration, optimally balanced with three vital elements (N-P-K) plus three essential micro-nutrients in a single solution.

Dynamo High-N ensures greater plant protection, increased growth and improved yield qualities. This is a highly effective method of delivery of nutrient to the plant via the root structure.

Dynamo High-N is high in available nitrogen (N).

Features and Benefits

- Increased yield as demonstrated by trials and grower experiences.
- Improved quality and value as it significantly increases crop quality, quantity and nutritional value.
- Equipment friendly as the HDS formulation means it is immediately dispersed when mixed in irrigation systems.
- Precise method of application gives the ability to feed plants frequently and in managed doses.
- Matching of nutrients to the crop's physiological growth demands is easier.
- Based on science as the formulation is based on plant nutrient removal science which addresses a complete and optimum balance of essential nutrients.
- Environmental conditions are handled better because it gives the plant more energy to deal with stresses associated with nitrogen-related, changing weather patterns, variations in soil, pests and other external conditions.
- Stronger plants to resist disease as plant and crop safety is ensured by investing greater strength in the plant to best protect from disease and handling can be reduced.
- Effects from herbicides, fungicides and pesticides are buffered as it provides a substantial boost of nutrients when needed to buffer against the toxic effects of chemicals.
- Provides nutrient base as the optimum nutrient package is delivered below the root zone (as compared to NPK granular fertilizers).
- Soil management is easier as it provides a better way of managing nutrient, soil pH and nitrogen balance.

Specialized Product for Irrigation


Dynamo High-N contains chelates, soluble carbohydrates, phosphorylated metabolites and organic compounds that are readily consumed by soil micro-organisms in order to stimulate soil biological activity and generate enhanced crop health.

Easy on Equipment

Dynamo High-N is a high quality solution, easy to mix, quick to disperse and friendly on irrigation equipment.

[Click here to view this Product Brochure](#)

DYNAMO HIGH-P



DYNAMO FERTIGATION High P

Dynamo High-P is a specialised Fertigation or Irrigation fertilizer engineered to deliver a multi-spectrum fertilizer and nutrient package directly to the plant through irrigation or furrow (ground) injection. It is engineered to contain a high concentration, optimally balanced with phosphorus (P) and sulphur (S) with three essential micro-nutrients in a single solution.

Dynamo High-P ensures greater plant protection, increased growth and improved yield qualities. This is a highly effective method of delivery of nutrient to the plant via the root structure.

Dynamo High-P is high in available phosphorus (P).

Features and Benefits

- Increased yield as demonstrated by trials and grower experiences.
- Improved quality and value as it significantly increases crop quality, quantity and nutritional value.
- Equipment friendly as the HDS formulation means it is immediately dispersed when mixed in irrigation systems.
- Precise method of application gives the ability to feed plants frequently and in managed doses.
- Matching of nutrients to the crop's physiological growth demands is easier.
- Based on science as the formulation is based on plant nutrient removal science which addresses a complete and optimum balance of essential nutrients.
- Environmental conditions are handled better because it gives the plant more energy to deal with stresses associated with nitrogen-related, changing weather patterns, variations in soil, pests and other external conditions.
- Stronger plants to resist disease as plant and crop safety is ensured by investing greater strength in the plant to best protect from disease and handling can be reduced.
- Effects from herbicides, fungicides and pesticides are buffered as it provides a substantial boost of nutrients when needed to buffer against the toxic effects of chemicals.
- Provides nutrient base as the optimum nutrient package is delivered below the root zone (as compared to NPK granular fertilizers).
- Soil management is easier as it provides a better way of managing nutrient, soil pH and nitrogen balance.

Specialized Product for Irrigation

Dynamo High-P contains chelates, soluble carbohydrates, phosphorylated metabolites and organic compounds that are readily consumed by soil micro-organisms in order to stimulate soil biological activity and generate enhanced crop health.

Easy on Equipment

Dynamo High-P is a high quality solution, easy to mix, quick to disperse and friendly on irrigation equipment.

[Click here to view this Product Brochure](#)

- ✓ **Specialty formulation, specialised for Irrigation Systems, all high in the available primary nutrient supported by other essential trace elements.**
- ✓ **Highly effective modern farming practice for leaf or root.**
- ✓ **Greater plant protection, increased growth and improved yield qualities.**

- ✓ **Delivers a multi-spectrum nutrient package directly to the plant through overhead watering or furrow injection systems.**
- ✓ **Easy to mix, quick to disperse and friendly on irrigation equipment.**
- ✓ **Stimulates soil biological activity and generates enhanced crop health.**



The content of this media page was accurate and current at the time that it was written. This media release is provided for interested customers and other parties, and will remain a matter of RLF's historical record. Viewed in this context RLF therefore undertakes no obligation to update either material or content.