



Legumes

Crop Programme

| MAS-Power | Use | No of applications | Timings | Rate litres/ha |
|-----------------------|---|--------------------|--|----------------|
| MAS-Power Mg | To correct magnesium deficiency and to support starch translocation and to aid in nutrient uptake control especially iron utilisation. Mg is key for boosting chlorophyll performance in leaf | 2 | Repeat as necessary from 10-15cms tall at 10-14 day spray intervals | 4.0-7.0 |
| MAS-Power KS | To correct nutrient deficiency or imbalance, particularly in sandy soils where sulphur will increase nodule potential for nitrogen fixing. Also applications will boost yeild potential without damaging nitrogen application. | 1-2 | During late bud and 10% bloom | 2.0-4.0 |
| MAS-Power Mn | To correct manganese deficiency and assist the photosynthetic process by supporting assimilation of carbon dioxide. Deficiency is usually seen as interveinal chlorosis which begins on new leaves but may soon spread to others | 3 | 1st 10-15cms tall 2nd Early flowering 3rd End flowering/pod set | 3.0 |
| MAS-Power Cu | To correct copper deficiency and support photosynthesis and respiration within the plant. MAS-Power Cu will aid carbohydrate and protein metabolism and is essential in the formation of lignin in plant cell walls to contribute to the structural strength of cells | 1-2 | Repeat as necessary 10-14 day spray intervals | 1.0-2.0 |
| MAS-Power B+Mo | To correct boron and molybdenum deficiency. Both these essential elements are particularly important during the plant development, translocation of sugars and the reproductive process. Also assists with the regulation of water balance within cells | 1-2 | Repeat as necessary 10-14 day spray intervals | 2.0 |
| MAS-Power Zn | To correct zinc deficiency, which is essential for the production of auxins to promote healthy growth. It aids protein synthesis and the regulation and consumption of carbohydrate to support plant development and quality | 3 | Following analysis from 4 to 6 leaf stage through to stem extension and head development | 2.0 |
| MAS-Power Fe | To correct micronutrient deficiency and aid photosynthesis as iron plays a major role in chlorophyll (green pigment plants) its development and its function | 1-2 | As necessary from tissue analysis. Repeat at 10-14 day spray intervals | 1.0 |
| MAS-Power 360 | To increase nutrient mobility and reduce overall abiotic and biotic stresses. Regular applications will aid overall nutrient movement and assimilation and will support plant health and keep leaf quality at optimum | 2-3 | From 15cms tall in combination with other sprays | 2.0 |



Crop Programme *continued*

| Fortify | Use | No of applications | Timings | Rate litres/ha |
|---------------------------------------|--|--------------------|--|----------------|
| Fortify Cu | A highly advanced N:P and copper formulation which aids phloem mobility, corrects copper deficiency and most importantly supports and maintains crop yield when plants are under greater stress from pathogenic pressure | As required | Repeat as necessary at 14 day spray intervals | 2.0-3.0 |
| Specialist Products | Use | No of applications | Timings | Rate litres/ha |
| Bio Chel Ca (10%w/v) | To correct calcium deficiency and minimise calcium related disorders. To optimise cell division during early establishment through to harvest to support optimum yield and quality. Low levels of calcium in produce at harvest will affect quality and storage potential | As required | From pre-flowering through to harvest. May be applied every 2 weeks and may be mixed with other fertilisers and pesticides unlike other calcium products | 3.0-5.0 |
| Brix-Builder | To maximise any growth process by adding and stimulating carbohydrate production and mobility. Brix-Builder will increase pod number and size if applied before and during the flowering period and will aid growth during periods of poor weather. Later applications during pod maturation will increase brix levels leading up to harvest | 4 | For brix levels 1-2 applications from 1-2 weeks before harvest | 1.0 |
| Sentinel 10% Si Salicylic acid | A foliar nutrient spray containing a unique form of available silicon + salicylic acid. The blend maximises tissue recovery from stress and mechanical damage. Also the blend will maximise the leaf cuticle reinforcement and immune system responses to protect from pathogenic and pest pressure. | As required | Apply as required as part of a regular programme or when pest or pathogen pressure increases. Ideal for use throughout the season. | 0.5-1.0 |