



Active Grow

12-12-12 + Trace elements and
MAS Bio Pack

All crops benefit from nutrient support especially when under abiotic (environmental) or biotic (pest, disease or even pesticide) stress. **MAS-Power Active Grow** is designed to meet exactly that need.

MAS-Power Active Grow contains generous levels of major and micro nutrients together with a Bio Pack which supports plant health, increases nutrient efficiency and aids crops during periods of stress no matter what the cause.

Active Grow is the perfect accompaniment to herbicides, insecticides and fungicides within a tank mix or for use on its own.


Active Grow will stimulate the leaf to increase penetration of foliar applied products. This has a beneficial effect on the efficacy of translaminar and systemic pesticides.

Active Grow will act as a safener for applications of pesticides and other foliar products within a tank mix. It will also reduce the stress impact of pesticide or tank mix applications and speed the recovery from a stressful application to minimise impact on yield or quality.

Active Grow can be used on any crop in any growing situation and comes with a proven track record of use throughout Europe.

CROPS

Most agricultural and horticultural crops including:

-  Sugar Beet
-  Oilseed Rape
-  Field Brassicas
-  Root Crops
-  Leafy Salads
-  Vines
-  Soft Fruit
-  Top Fruit
-  Ornamentals

MAS Bio Pack

The Bio Pack within Active Grow is a unique blend of plant extracts specifically designed to support plant health through stressful conditions. This Bio Pack contains high levels of plant lipids, lignin's, tannins, hydrocarbons, polyphenols, flavonoids, naturally occurring hormones, minerals and vitamins in a specific balance to maximise crop yield and quality under stressful conditions.



Benefits of the Bio Pack

- › Improved nutrient uptake and growth.
- › Better stomatal control.
- › MAFs (mitochondrial activation factors) enhance respiration by up to 45%.
- › Anti-oxidant scavenging of super-oxide, free-radicals which inhibit mitochondrial activity.
- › Increased chlorophyll density leading to higher photosynthetic rates.
- › Stimulated electron transfer to increase enzyme driven processes.
- › MAS Bio Pack positively effects stress hormones which regulate a crops response to stress.





Crop timings and application rates

Crop	No of applications	Timings	Rate litres/ha
Cereals	1-2	From GS 13 - GS29 in combination with other spray applications	3.0
Sugar beet	2	From GS15 - GS32 in combination with other spray applications	4.0
Oilseed rape	2-3	As required from GS13 (3 unfolded leaves) in combination with other spray applications	3.0
Brassicas	2-4	Once transplants are established in combination with other sprays	2.5-3.0
Leafy salads	2-3	Once transplants are established in combination with other sprays	1.0-2.0
Potatoes	1-2	From full emergence in combination with other sprays	3.0
Root Crops	2-3	From 6-8 leaf stage in combination with other sprays	2.5-3.0
Legumes	2-3	From 15cms tall in combination with other sprays	2.0
Fruiting Vegetables	2-3	As required in combination with spray programme	1.0-2.0
Top fruit	As required	As required from pink bud allowing 15 days between applications	1.0-2.0
Stone fruit	As required	As required from pink bud allowing 15 days between applications	1.0-2.0
Vines	2-3	As required from dormancy break to harvest. Allow 15 days between applications	1.0-2.0
Citrus	2-3	During strong growth period or along with other sprays	2.0-3.0
Soft fruit	As required	As required from planting or production of new spring growth allow 15 days between applications	1.0-2.0
Ornamentals	1-2	As required, allow 15 days between applications	1.0-2.0

Active Grow is compatible with most known pesticides, PGR's and nutritional foliar products. It has a healthy nutritional pack so this needs to be taken into account when applying with other foliar nutrients sprays.

Active Grow will sit well within tank mixes, however with mixes of numerous products and any new products, it is advisable conduct a jar test or to speak to your Engage advisor.

Water recommendation: 200 – 1000 litres/ha depending on crop requirement and spray mix.

For more detailed application rates per crop, please visit engagecropsolutions.com or speak to an Engage advisor.

Always read the label before use.

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