



Cearum

Foliar nutrient combined with R100® Biostimulant

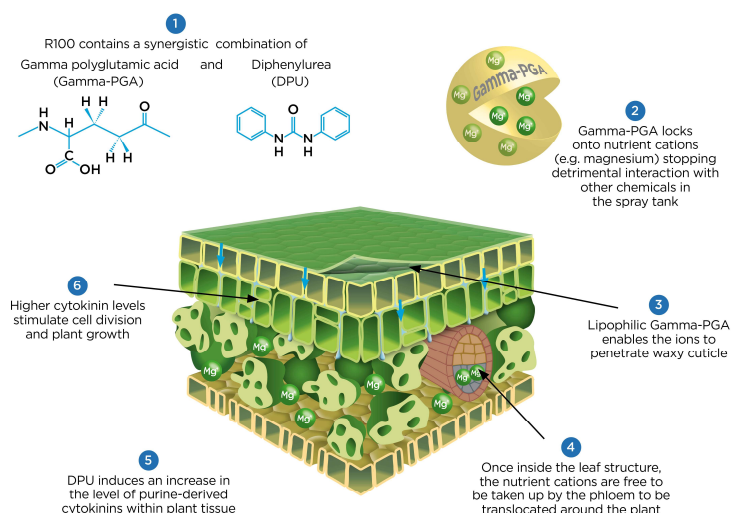
- A soluble concentrate formulation containing copper, manganese and zinc supplemented with magnesium, nitrogen and sulphur.
- Contains R100® biostimulant to boost nutrient uptake and increase cytokinin levels to stimulate growth
- Copper, manganese and zinc ratio reflects their concentration in cereals. They are also all constituents of superoxide dismutase (SOD) enzyme important in the detoxification of damaging oxygen free radicals under stress conditions.
- Contains manganese as a blend of fast uptake (nitrate) & slow (sulphate)
- Readily compatible (see tee tank mix list overleaf)

What is R100 and what does it do?

R100 biostimulant contains a patented combination of two disubstituted urea compounds (DPU) & gamma polyglutamic acid.

DPU boosts cytokinin levels in tissues with resulting increased cell division and growth.

Gamma-PGA binds to foliar applied cations to improve uptake.



Pack size	10L 1000L
Dose rate	0.85 l/ha – maintenance 1.25 l/ha – moderate deficiency 2.0 l/ha – severe deficiency

Key points	Readily compatible. Add Cearum to spray tank first. Half fill the spray tank with water. Add Cearum, allow each product to disperse / dissolve before adding the next. Maintain continuous agitation Incompatible with mecoprop. In common other biostimulant / nutrient formulations do not allow the concentrate to come in contact with pH sensitive plant protection products.
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Analysis		% w/w	g/L
Nitrogen	N	4.0	57
Magnesium	MgO	0.17	2.43
Sulphur	SO ₃	7.61	109
Manganese	Mn	9.6	137.5
Copper	Cu	1.1	15.7
Zinc	Zn	2.2	31.5





Cearum

Cearum 2.0 l/ha is physically compatible with the following products

product(s)	rate(s)	water vol	phys compatible?
Cearum + Serpent + Decoy 250EC + Arizona + Vegas	2.0 + 0.8 + 0.4 + 1.5 + 0.2	200	Y
Cearum + Serpent + Manitoba + Arizona + Vegas	2.0 + 0.8 + 2.0 + 1.5 + 0.2	200	Y
Cearum + Serpent + Myresa + Arizona + Vegas	2.0 + 1.0 + 1.0 + 1.5 + 0.2	200	Y
Cearum + Serpent + GF3308 + Arizona + Vegas	2.0 + 0.71 + 1.43 + 1.5 + 0.2	200	Y
Cearum + Serpent + Decoy 250EC + Banko 720 + Zypar	2.0 + 0.8 + 0.4 + 0.7 + 0.75	200	Y
Cearum + Serpent + Decoy 250EC + Arizona + Zypar	2.0 + 0.8 + 0.4 + 0.75 + 0.75	200	Y
Cearum + Serpent + Myresa + Banko 720 + Zypar	2.0 + 1.0 + 1.0 + 0.7 + 0.75	200	Y
Cearum + Serpent + Myresa + Arizona + Zypar	2.0 + 1.0 + 1.0 + 1.5 + 0.75	200	Y
Cearum + Serpent + GF3308 + Banko 720 + Zypar	2.0 + 0.71 + 1.43 + 0.7 + 0.75	200	Y
Cearum + Serpent + GF3308 + Arizona + Zypar	2.0 + 0.71 + 1.43 + 0.7 + 0.75	200	Y
Cearum + Serpent + Decoy 250EC + Banko 720 + Program	2.0 + 0.8 + 0.4 + 0.7 + 1.0	200	Y
Cearum + Serpent + Decoy 250EC + Arizona + Program	2.0 + 0.8 + 0.4 + 0.7 + 1.0	200	Y
Cearum + Serpent + Myresa + Banko 720 + Program	2.0 + 1.0 + 1.0 + 0.7 + 1.0	200	Y
Cearum + Serpent + Myresa + Arizona + Program	2.0 + 1.0 + 1.0 + 1.5 + 1.0	200	Y
Cearum + Serpent + GF3308 + Banko 720 + Program	2.0 + 0.71 + 1.43 + 0.7 + 1.0	200	Y
Cearum + Serpent + GF3308 + Arizona + Program	2.0 + 0.71 + 1.43 + 1.5 + 1.0	200	Y
Cearum + Serpent + Manitoba + Canopy + 3C Chlormequat 750	2.0 + 0.8 + 2.0 + 0.5 + 1.0	200	Y
Cearum + Serpent + Manitoba + Palisade + 3C Chlormequat 750	2.0 + 0.8 + 2.0 + 0.2 + 1.0	200	Y
Cearum + Serpent + Decoy + Canopy + 3C Chlormequat 750	2.0 + 0.8 + 0.4 + 0.5 + 1.0	200	Y
Cearum + Serpent + Decoy + Palisade + 3C Chlormequat 750	2.0 + 0.8 + 0.4 + 0.2 + 1.0	200	Y
Cearum + Serpent + Myresa + Canopy + 3C Chlormequat 750	2.0 + 1.0 + 1.0 + 0.5 + 1.0	200	Y
Cearum + Serpent + Myresa + Palisade + 3C Chlormequat 750	2.0 + 1.0 + 1.0 + 0.2 + 1.0	200	Y
Cearum + Serpent + GF3308 + Canopy + 3C Chlormequat 750	2.0 + 0.71 + 1.43 + 0.5 + 1.0	200	Y
Cearum + Serpent + GF3308 + Palisade + 3C Chlormequat 750	2.0 + 0.71 + 1.43 + 0.2 + 1.0	200	Y
Cearum + Serpent + Myresa + Terpal + Tempest	2.0 + 1.0 + 1.0 + 0.75 + 0.2	200	Y
Cearum + Serpent + Myresa + Chlormephon + Arizona	2.0 + 1.0 + 1.0 + 1.0 + 1.5	200	Y
Cearum + Serpent + GF3308 + Chlormephon + Arizona	2.0 + 0.71 + 1.43 + 1.0 + 1.5	200	Y
Cearum + Skyway 285 Xpro + Banko 720 + Palisade + 3C Chlormequat 750	2.0 + 1.25 + 0.7 + 0.2 + 1.0	200	Y
Cearum + Skyway 285 Xpro + Banko 720 + Canopy + 3C Chlormequat 750	2.0 + 1.25 + 0.7 + 0.5 + 1.0	200	Y
Cearum + Canopy + 3C Chlormequat 750 + Gro Plan P	2.0 + 0.5 + 1.0 + 1.0	200	Y
Cearum + Canopy + 3C Chlormequat 750 + Bridgeway	2.0 + 0.5 + 1.0 + 2.0	200	Y
Cearum + Palisade + 3C Chlormequat 750 + Gro Plan P	2.0 + 0.2 + 1.0 + 1.0	200	Y
Cearum + Palisade + 3C Chlormequat 750 + Bridgeway	2.0 + 0.2 + 1.0 + 2.0	200	Y
Cearum + Timpani + Palisade + 3C Chlormequat 750	2.0 + 2.0 + 0.2 + 1.0	200	Y
Cearum + Timpani + Canopy + 3C Chlormequat 750	2.0 + 2.0 + 0.2 + 1.0	200	Y

