

Compatibility of Hombre® Ultra Seed Treatment

Product	Formulation type	Active constituents	Company	Dosage/100 kg seed	Slurry volume	Physically compatible	Comments
Baytan® T	FS	150 g/L triadimenol 4 g/L triflumuron	Bayer CropScience	150 mL Baytan T 50 mL water	400 mL	Lab test – Yes	
Jockey® Stayer®	FS	167 g/L fluquinconazole	Bayer CropScience	300 mL Jockey Stayer 100 mL water	600 mL	Lab test – Yes	
K-Obiol® Combi	SC	50 g/L deltamethrin 400 g/L piperonyl butoxide	Bayer CropScience	2 mL K-Obiol Combi 198 mL water	400 mL	Lab test – Yes	
Actellic® 900	EC	900 g/L primiphos-methyl	AgNova	0.45 mL Actellic 900 199.55 mL water	400 mL	Lab test – Yes	Apply mix promptly – do not store mix overnight
Divap 1140	EC	1140 g/L dichlorvos	UPL	1.05 mL Divap 1140 198.95 mL water	400 mL	Lab test – Yes	
Fenitrothion 1000	EC	1000 g/L fenitrothion	Nufarm	1.2 mL Fenitrothion 1000 198.8 mL water	400 mL	Lab test – Yes	
Reldan®	EC	500 g/L chlorpyrifos-methyl	Dow	2 mL Reldan 198 mL water	400 mL	Lab test – Yes	
Reldan Plus IGR	EC	30 g/L S-methoprene 500 g/L chlorpyrifos-methyl	Dow	2 mL Reldan Plus IGR 198 mL water	400 mL	Lab test – Yes	
Rizacon® S IGR	EC	300 g/L S-methoprene	Dow	0.2 mL Rizacon S IGR 199.8 mL water	400 mL	Lab test – Yes	
Flexi-N®	SL	422 g/L nitrogen	CSBP	520 mL Flexi-N	720 mL	Lab test – Yes	
Smartrace® Zinc	SL	100 g/L zinc 49 g/L sulphur	Spray Gro	500 mL Smartrace Zinc	700 mL	Lab test – No	Mix curdles
Twin Zinc™	SC	700 g/L zinc 18 g/L nitrogen	Yara	400 mL Twin Zinc	600 mL	Lab test – Yes	Mix is quite viscous

Notes:

- All compatibility testing was conducted with Hombre Ultra 200 mL/100 kg seed.
- **Only physical compatibility was determined. Effect on seed germination and seed viability was not determined and cannot be commented on.**
- pH varied between 5.49 – 10.20.
- In all mixtures observe all the label requirements of the mixing partner.

- Mixtures were compared at different levels of water hardness and under different temperatures.
- Compatibility is limited to those specific products and product manufacturers listed.
- Products containing varying concentrations of active constituents to those listed may not be physically compatible with Hombre Ultra.

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