

# Mixing Order of OMEX® Products & Pesticides

Depending on the ingredients included in the formulation, pesticides are either acidic (pH < 7.0) or alkaline (pH > 7.0). OMEX® products intended to be used in combination with these pesticides are formulated to be compatible. Although we do our best to track any yearly changes in formulations of pesticides, if unacquainted, change in some of the additives and surfactants may cause changes in the physico-chemical properties of the products, hence leading to incompatibilities with our fertilizers.

Compatibility charts of the most commonly used combinations are listed on page 4-6. We highly recommend a jar test for any combination that is not listed. Please arrange with your local OMEX® rep for further testing.

Sudden changes in pH may cause incompatibility in the spraying tank. The order of adding the products is crucial. The following step-by-step guidelines are highly recommended:

1. Fill the tank with clean water up to 80-90%
2. Add the water conditioner (if required) while filling with water
3. Turn on the agitation
4. Add the herbicides, fungicides or insecticides and continue to mix thoroughly
5. Add other adjuvants (as required)
6. Add the AS, UAN (if required)
7. Add the OMEX® fertilizer
8. Add the remainder water

## Compatibility Charts

### COMPATIBILITY OF SEED TREATMENTS AND OMEX® PRIMERS WITH SIMULTANEOUS MIXING (10=BEST AND 1=WORST)

Fungicides	OMEX® Products					
	Primer Zn®	Primer Cu®	Primer Mn®	Pulse Primer®	Pulse Pak™	Primer Soybean®
Allegiance*	9	9	7	8	8	8
Anchor	6	5	5	9	7	9
Apron Maxx	-	-	-	10	10	10
Apron Advance	-	-	-	9	9	9
Charter	9	9	9	-	-	-
Cruiser Maxx Beans	-	-	-	10	10	10
Cruiser Maxx Cereals (CMC)	9	9	8	-	-	-
CMC + ProSeed 480 FS	8	8	7	-	-	-
CMC + Vibrance 500 FS (V)	8	8	7	-	-	-
CMV Cereals	8	8	7	-	-	-
CMV Cereals + ProSeed 480 FS	8	8	7	-	-	-
CMV Quattro <sup>o</sup>	7	9	7	-	-	-
CMV Beans	-	-	-	10	10	10
DB Red	7	3	6	-	-	-
Dividend XL**	9	8	9	-	-	-
Dividend XL RTA <sup>§</sup>	4	4	4	-	-	-
Evergol Extend	-	-	-	10	3	10
Gemini	9	9	9	-	-	-
Insure <sup>‡</sup>	9	6	9	-	-	-
Intego Solo	-	-	-	9	9	9
ProSeed	9	9	8	-	-	-
Rancona <sup>†</sup>	4	6	4	-	-	-
Raxil MD	9	9	9	-	-	-
Raxil WW	9	9	9	-	-	-
Raxil Pro	9	9	8	-	-	-
Raxil Pro Shield	9	9	9	-	-	-
Trilex AL	-	-	-	10	10	10
Trilex Evergol	-	-	-	10	3	10
Vibrance <sup>#</sup> 500 FS	9	9	8	-	-	-
Vibrance Quattro <sup>o</sup>	7	9	7	-	-	-
VitaFlo 280	7	4	7	9	7	9

Results may vary, so all users should do their own compatibility testing. The above information is not intended as a guarantee of product compatibility.

All compatibility tests were conducted using the higher recommended rates of herbicides and foliar in 10 gal of spraying water volume. Results may vary according to the hardness of the water. A rating equal or greater than 6 is useable.

### General Recommendations:

- Treat sequentially if possible
- Always do a jar test to assess compatibility
- Do not slurry products over an extensive period of time
- Keep the mixes agitated at all times
- Do not treat directly into a seeder
- Dilute with water (1 ml/kg of seed) where required
- Avoid Thiram based products

A rating greater than 6 is useable. If below 6, dilute with water to thin the solution. If mixing products in advance of use, add water (1 ml/kg seed) to maintain consistency. A colour change may occur with the use of Primer Cu®.

\* The mixes of Allegiance with Primer Mn®, Pulse Primer®, Pulse Pak™ & Primer Soybean®s tend to separate overtime but go easily back in suspension upon agitation.

\*\* The rating was done with the commercial formula from 2010.

§ Avoid mixing in the same vessel. Recommended only as a simultaneous or sequential application.

‡ The mix Insure with Primer Cu® tends to thicken overtime.

† Not recommended with Primer Zn® and Primer Mn®. The mix tends to thicken.

# Add Vibrance first then the required water then Primer Zn/Cu/Mn® second and stir well.

o The mixes of Primer Zn/Mn® tend to thicken with Vibrance Quattro and Cruiser Vibrance Quattro. Dilute with water.

IMPORTANT: The foregoing represents laboratory results. It is recommended that users conduct their own compatibility testing. Laboratory tests may not be indicative of field results depending on local conditions. The above information is not intended as a guarantee of product compatibility.