



Changzhou Juyou New Material Tech Co.,Ltd.

JY-1028 Silicone surfactant adjuvants for agro-chemicals

1 Chemical Name --modified polytrisiloxane ----

2 Product characteristics- JY-1028 is organic silicone surfactant/adjuvants for agrochemicals.

Due to its low surface tension, after adding it to agro-chemicals,

- 1)、quickly and thoroughly enhance the agro-chemical's penetrability, dispersity, absorption, transportation on the plant. The spreading area and speed of the agro-chemicals on the leaf of plant can be increased greatly. Especially to those leaves with waxy surface, JY-1028 can infiltrate and penetrate the plant's stomatas thus moisten them quickly.
- 2)、By using the adjuvant JY-1028, the agrochemical can be withstand raining-wash, the agro-chemical can be sprayed even in the raining days.
- 3)、JY-1028 can increase the agro-chemical's spraying area, thus which can save the dosage of agrochemical by 20-30%, reduce agro-chemical's spraying amount and ultimately save cost and protect our environment.
- 4)、JY-1028 is non-toxic, environmental friendly adjuvant,

3 Product main index

Appearance:	transparent liquid or light amber liquid
Surface tension: (0.1%Wt):	20.0-22.5mN/m
Specific Gravity (25°C):	1.010-1.015g/cm ³
Viscosity(25°C):	20-50mm ² /s
Cloud point(0.1%Wt aqueous solution):	<10°C
Active content:	100%

4 Usage way and dosage (SAME AS SILWET408)

1)、spraying mixture in drum (Tank mixture)

In general, add JY-1028(4000times) 5g in every 20kg spraying solution. If it needs to promote the adsorption of systemic pesticide, increase the function of pesticide or reduce the amount of spray further, it should add the usage amount properly. In general, the amount is as follows:

Plant promote regulator: 0.025%-0.05% //Herbicide: 0.025%-0.15%
//Pesticide: 0.025%-0.1% // Bactericide: 0.015%-0.05% //Fertilizer and trace element: 0.015%-0.1%

When using, first dissolve the pesticide, add JY-1028after the uniform mixture of 80% water, then add water to 100% and mix them uniformly. It is advised that when using the adjuvant, the water amount reduced to 1/2 of the normal (suggested) or 2/3, average pesticide usage reduced to 70-80% of the normal. Using the small aperture nozzle will quicken the spray speed.

2) Original formulations (stoste)of Pesticides

Adding JY-1028 to the original formulations of pesticide, we suggest the amount is 0.5%-8%. Adjust the PH value of the pesticide prescription to 6-8. The user should adjust the amount of JY-1028according to different kinds of pesticide and prescription to reach the most effective and most economical result. Do compatibility tests and stepwise tests before usage.

formulations of Agro-Chemical	fipronil	methidathion	triazophos	kresoxim-methyl	carbendazol	difenoconazole	glyphosate	clethodim	920
concentration(%)	2-4	1-3	0.6-2	2-6	1-3	2-6	0.5-2	1-3	2-7

5 Manily Application

biological pesticide spray mixture liquid such as pesticide, bactericide, herbicide, foliar fertilizer, plant growth regulator, etc,

6 Package and shipment 200kg/steel drum, 25kg/plastic drum, 5g/pice, to store in a cool place. To prevent direct sunlight, Non-dangerous goods transportation.

Add:No.50,Huaide Middle RD,Changzhou,Jiangsu,P.R.C. **Tel:**86-519-89817628 **Mob:** 0086-13915814735

Mobile: 008613915814735 **Email:** lynnejiang@china-juyou.com/ anniaojyh@126.com **Website:** www.china-juyou.com