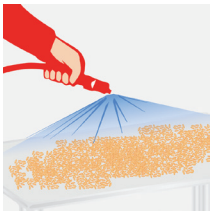
Rural Liquid Fertilisers

How to Apply BSN to the Seed
Spray and Mix Method

Spray and Mix Method | Local farmer practice determines the best method of application to be used.



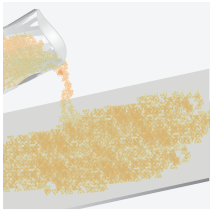
Spray and Mix

The **Spray and Mix method** uses 5 steps to apply BSN Seed Priming Fertiliser throroughly and evenly to the seed to ensure the nutrients are imbibed.

STEPS

1. **Spread out seed**
2. **Spray BSN + Water on seed**
3. **Mix seed to cover seed thoroughly**
4. **Store seed 24-78 hours**
5. **Ready to Sow**

1



Spread seed on sheet

Separate seed best possible

SPREAD

Spread out the seed as evenly as possible onto a clean plastic sheet so that the grains separate from each other.

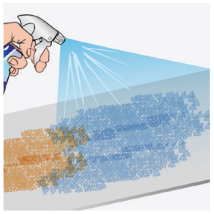
2

Mix BSN + Water

Use Spray Bottle

OR

Back Pack Sprayer



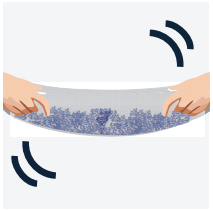
Spray Seed Uniformly

SPRAY

Mix BSN Seed Priming Fertiliser with water as per the seed type requirements. Put into a spray bottle or back pack sprayer and shake vigorously until thoroughly combined.

Spray mixture uniformly onto the seeds - making sure all seeds are sprayed.

3



Roll seed to make sure covered

MIX

If possbile, with two people holding the opposite sides of the plastic sheet, roll it, so that the tipping action mixes the applied BSN uniformly. Repeat this for a few minutes until such time as the whole seed surface receives the BSN solution. This process can be stopped when the seed surface is nearly dry when touched.

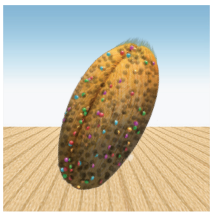
4

Incubate +24 Hours to 78 Hours

+24 Hours to 78 Hours

Keep the seed wrapped in a clean breather bag or bucket/container for 24-hours (at a minimum) or a few days if time permits.

5



Ready to Sow

Sow the seeds as per normal farmer practice.

Rural Liquid Fertilisers

How to Apply BSN to the Seed

HOW MUCH TO APPLY TO THE SEED

Seed Type	BSN SS, BSN-10, Interceptor XS ml per 1kg of seed		ml Water + Chemicals ml per 1kg of seed		Total Application ml per 1kg of seed	
Corn, cotton, sunflower, pumpkin	4 ml	+	2 ml	=	**6 ml**	for 1kg seed
Zucchini, squash, melon, watermelon	4 ml	+	5 ml	=	**9 ml**	for 1kg seed
Wheat, barley, triticale, oat	5-6 ml	+	3-5 ml	=	**8-11 ml**	for 1kg seed
Rice (dry grain), safflower	5-6 ml	+	3-5 ml	=	**8-11 ml**	for 1kg seed
Beet, cucumber, okra, coriander	6-7 ml	+	8-9 ml	=	**14-16 ml**	for 1kg seed
Radish, turnip, Kohlrabi, parsnip, pepper	7-8 ml	+	8-9 ml	=	**15-17 ml**	for 1kg seed
Onion, leek, chive, garlic, tomato, eggplant	8-9 ml	+	9-10 ml	=	**17-19 ml**	for 1kg seed
Canola, carrot, lettuce, dill, chicory	10-12 ml	+	14 ml	=	**24-26 ml**	for 1kg seed
Celery, non-fluffy grass pasture seeds	15-18 ml	+	18-20 ml	=	**33-38 ml**	for 1kg seed
Fluffy grass pasture seeds	30 ml	+	33 ml	=	**63 ml**	for 1kg seed

Seed Type	BSN Ultra + BSN Hybrid ml per 1kg of seed		Water & Pesticide ml per 1kg of seed		Total Application ml per 1kg of seed	
Corn	4 ml	+	2 ml	=	**6 ml**	for 1kg seed
Rice (dry grain)	5-6 ml	+	5-6 ml	=	**10-12 ml**	for 1kg seed
Lucerne (Alfalfa)	10 ml	+	2 ml	=	**12 ml**	for 1kg seed

HOW TO MIX BSN

First Mix with Water

BSN Seed Primer must first be mixed with water. Taking care with the water rates greatly assists the absorption process and provides for optimum delivery of nutrient to the seed. The water rates required for each seed type is given in the next section of this document.

Mixing with Other Chemicals

Shake Vigorously

Mix with Water

Mix with other Chemicals

BSN Seed Primer can be mixed with a wide range of other chemicals.

But caution must be exercised. Always apply **BSN** first, or mix water and **BSN** before adding chemicals. It is recommended that a simple jar test be carried out if you are unsure of product compatibility by mixing together and checking if a reaction occurs.

Do not mix with alkaline copper fungicides or inoculates.

You can also check at www.rlfchemtest.com