Rural Liquid Fertilisers

How to Apply BSN to the Seed Machine Application

Auger Spray Application Method

Auger Spray Application

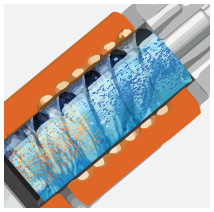
Larger farming operation will use the application spray systems in seed loading equipment to apply BSN Seed Priming Fertiliser to the seed during transfer from storage.

STEPS

1. **Decant BSN + Mix Water into the pump**
2. **Activate pump spray system**
3. **Activate seed transfer**

1

Decant BSN into Applicator



Pump during seed transfer

Use spray applicator in Auger

Decant BSN + mix with water in the spray pump applicator. Activate spray application system built into the seed transfer auger.

2

Seed is covered during transfer.

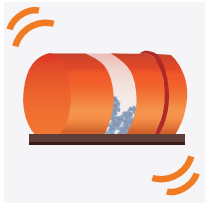
Seed is covered during transfer

3

Ready to Sow

+24 Hours. Ready to sow.

Drum Priming Application Method



Drum Priming Application

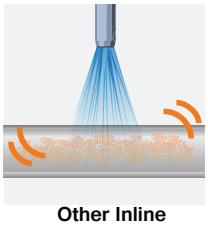
The use of Drum Priming is typical to large scale or commercial seed operations.

BSN can be applied using this method. Things to note are :

1. Water rates may change;
2. Fluency powder may be used (if needed)

Please refer to RLF Technical Services for further details as required.

Inline Engineered Application Solution



Other Inline Application

BSN can be applied as an engineered solution to an inline coating or treatment process as part of a commercial coating operation.

This is normally a specialty system or practice and the incorporation of the BSN Seed Priming Fertiliser application into each system is establish for each purpose.

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