



LT BIOSYN, INC. LYSINE BIOTECH, INC.

GoldenGro™ R Seed Treatment

<u>Crops</u>	<u>Dilution Rate</u> (ml. Prod /10 gals)	<u>Application Method</u>	<u>Expected Results</u>
Rice	38 - 58 ml	- Soaking seeds with prepared solution first for 12-24hrs, then soak with clean water for germination	- Enhance seed germination & root growth
	95 - 126 ml	- Mixing prepared solution with totally moist seeds	- More roots, healthy seedlings, less disease
	58 - 76 ml	- Soaking germinated seeds for 3-5 minutes	- Enhance root growth, more roots & better seedling
	38 - 76 ml	- Spray seeds in seed bed prior to covering	- More roots, healthy seedlings, less diseased/dead seedlings
	38 - 58 ml	- Spray seedlings in seed bed, 2-3 days before transplanting	- Enhance seedling growth and less diseased/dead seedlings
	58 - 76 ml	- Soaking seedlings for 10-20 minutes before transplanting	- Less dead seedlings, early tilling, increase yield.
Wheat	38 - 76 ml	- Soaking seeds for 1-2 hours and wait for 2-4 hour before sowing	- Increase germination, better seedling stand, less lodging, more yield
	95 - 108 ml	- Mixing 1 liter solution with 10-15 kgs seeds & wait for 2-4 hours before sowing	- Increase germination, better seedling stand, less lodging, more yield
Corn	38 - 76 ml	- Soaking seeds for 2-4 hours and wait for 2-4 hours before sowing	- Increase germination, better seedling stand, less lodging, more yield
	95 - 108 ml	- Mixing 1 liter of solution with 15-18 kgs seeds & wait for 2-4 hours before sowing	- Increase germination, better seedling stand, less lodging, more yield
Peanut	58 - 75ml	- Soaking seeds for 3-5 minutes wait seeds are slight dry before sowing	- Increase seed germination, better seedling and root growth, increase yield
	95 - 108 ml	- Mixing 1 liter of prepared solution with 15-20 kgs of seeds & wait for 2-4 hours before sowing	- Increase seed germination, better seedling and root growth, increase yield
Soybean	38 - 58 ml	- Soaking seeds for 30 minutes & wait until seeds are slightly dry before sowing	- Increase seed germination, better seedling and root growth, increase yield
	95 - 108 ml	- Mixing 1 liter of prepared solution with 15-20 kgs of seeds and wait for 2-4 hours before sowing	- Increase seed germination, better seedling and root growth, increase yield

USA Office:
11921 GOLDRING ROAD • ARCADIA
CA 91006 • USA
Tel: 626.930.9135 • Fax: 626.930.0675
Email: info@ltbiosyn.com
www.ltbiosyn.com

Taiwan office:
1F • NO. 56 • LANE 208 • RUEI-AN STREET
TAIPEI • TAIWAN
Tel: 886.2.27048852 • Fax: 886.2.27048978
Email: jadew@ms43.hinet.net



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Cotton	95 - 126 ml	- Soaking seeds for 6-10 hours before sowing	- Increase seed germination, better root & seedling growth
	58 - 95 ml	- Spraying during seedling stage or spray 2-3 days before transplanting	- Increase root growth
	95 - 126 ml	- Dipping seedlings for 5-10 minutes before transplanting	- Faster root development and more plant stands
Vegetables & Tobacco	38 - 58 ml	- Soaking seeds for 2-4 hours before sowing	- Increase seed germination & better root growth
	19 - 38 ml	- Spraying during seedling stage or spray 2-3 days before transplanting	- Better root development, better seedlings and less disease infection
	19 - 38 ml	- Drenching into root zone after transplanting	- Increase seed germination, better seedling and root growth, increase yield
Ornamental plant & flower seedlings	95 - 189 ml	- Dipping seedlings roots for 5-10 seconds before transplanting	- Increase new root development & more plant stands
	38 - 58 ml	- Drenching into root zone after transplanting	- Increase new root development & more plant stands
Sweet potato & yams	189 - 252 ml	- Dipping seed pieces for 5-10 seconds	- Increase new root development, more plant stands
	95 - 126 ml	- Dipping seedlings with root for 5-10 seconds	- Increase new root development, more plant stands
Pines	189 - 378 ml	- Soaking moist seeds for 10-20 minutes before sowing	- Increase seed germination, better seedlings, faster root growth, more plant stands
	189 ml	- Dipping pine seedlings in solution for 10-20 minutes before transplanting	- Increase leaf buds number, better seedlings, faster root development, more plant stands

GoldenGro™ is the trademark of LT Biosyn, Inc.

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Email: jadew@ms43.hinet.net