

MYCO-GROW

ENDO & ECTO MYCORRHIZAE INOCULUM

- Adapted to variety of soils, climates & plants
- Helps build natural microbial system in & on plants
- Roots for enhanced plant growth & vigor

Mycorrhizae on a global basis colonize 83% of dicotyledonous and 79% of mono-cotyledoneous plants and all gymnosperms. The mutually beneficial association with plant roots exponentially expands the plant's root system the equivalent of several miles below ground and substantially increases the plant's efficiency for acquisition of nutrients and water. Inoculated plants enjoy improved disease resistance and superior field performance.

DIRECTION

Inoculants can be placed under cuttings, blended into potting soils, banded under seeds, worked into seedbeds, sprinkled on roots at transplanting for physical contact with roots for successful germination of spores. Spores are actually about 220 microns in size and can be watered in soil.

AGRICULTURE - Band or mix with seed, use 5 to 7 Lbs./acre (5 to 8 kg/HA). Rates vary by crop and seed planting density.

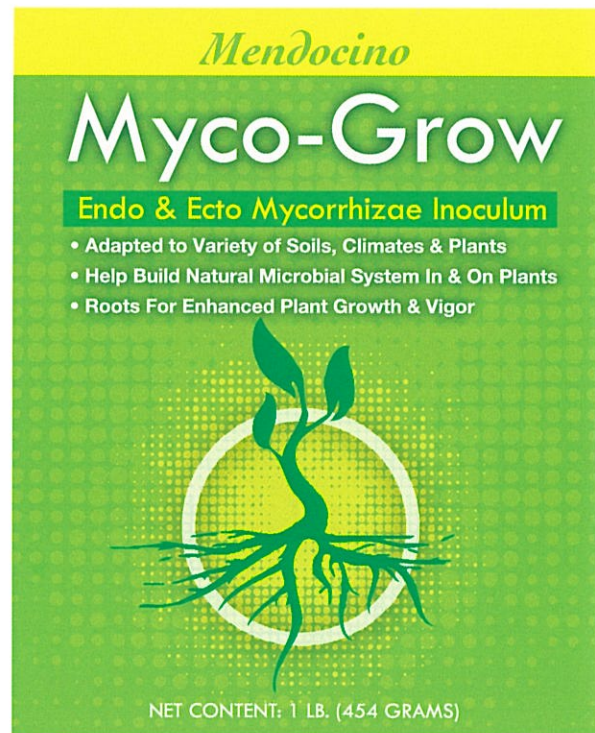
NURSERY - Mix with planting media during back filling, pots or trays. Use 1/2 to 1 Lb. per cubic yard of media (300 to 600 cc /cu. meter).

SOIL RESTORATION - Use 50 to 70 Lbs. per acre in broadcast applications, or hydro mulch before or after planting (54 to 76 kgs/HA).

TRANSPLANTS - Touch dampened roots to inoculum for a small amount of powder to adhere to roots. Also may be sprinkled into planting hole. Use 1/2 teaspoon per cutting (1 gram), 1 teaspoon per potted transplant (5 grams) or 12 ounce (15 grams) per inch (2.5 cm) of stem caliber.

WATER IN METHOD - For porous soils mix into water while agitating 1 tablespoon per gallon (7 grams per liter). Keep constant agitation. Dip plant roots or water in soil as soil drench at base of plant so spores will be in close contact with roots. For best results apply in spring or fall.

COMPOST TEA - Use 1 Lb. per 50 gallons of Tea (500 grams / 400 liters of water). Apply as soil drench at normal tea rate.



GUARANTEED ANALYSIS NON-PLANT FOOD INGREDIENT:

1.0% Humic Acid
(Derived from Leonardite)

ENDO MYCORRHIZAE (V AM)	ECTO MYCORRHIZAE
3 Species (6 Spores/cu. cm):	5 Species (21,150 Spores/cu. cm.)
Glomus intraradices	Swllus granulatus
Glomus aggregatum	Pisolithus tinctorius
Glomus mosseae	Rhizopogon rubescens
	Sclerodenna cepa
	Scleroderma citrine

CAUTION: KEEP OUT OF REACH OF THE CHILDREN

EXPIRATION DATE:

These microbes will expire 3 years from date of shipment

STORAGE:

Store in a dry, cool place. Avoid direct exposure to sunlight.

NET WEIGHT: 25 Lbs. (11.36 Kgs.)

See back for more information >

COMMERCIALY IMPORTANT AGRICULTURAL PLANTS

90% of plants, mostly green, leafy plants form symbiotic relationship with beneficial MYCO-GROW Mycorrhizal fungi. The fungi colonize plant roots and expand into the surrounding soil and greatly increase plants root system to acquire nutrients and moisture while improving plant yield and health. Some commercially important plants that benefit from MYCO-GROW applications:

apple	artichoke	banana	squash	carrot	cherry	coconut
corn	cowpea	currant	basil	grapes (all)	kiwi	lettuce
mango	okra	onion	fig	peanut	pistachio	plum
pumpkin	rice	sorghum	peas	sugar cane	sweet potato	wheat
apricot	avocado	barley	beans (all)	celery	citrus (all)	coffee
cotton	cucumber	eggplant	garlic	hemp	leek	lychee
millet	olive	palms (all)	peaches	pear	persimmon	potato
raspberry	rubber	soybean	strawberry	sunflower	tomato	yam

MYCO-GROW CROP INOCULATION GUIDE

CROP	APPLICATION METHOD	RATE
Alfalfa New Planting	Blend with seed, apply with seed drill Band with or near seed Broadcast with seed	15 Lbs. per acre, 16 Kgs/HA 20 Lbs. per acre, 22 Kgs/HA 25 Lbs. per acre, 27 Kgs/HA
Carrots	Band with or near seed	20 Lbs. per acre, 22 Kgs/HA
Corn	Band in or near furrow using Gandy Box or similar	20 Lbs. per acre, 22 Kgs/HA
Cotton	Lightly, coat over seeds in furrow	5 Lbs. per acre, 5 1/2 Kgs/HA
Cucumber	Band in or near seed using Gandy Box Blend with seed and apply seed drill	20 Lbs. per acre, 22 Kgs/HA 15 Lbs. per acre, 16 Kgs/HA
Forage & Pasture Grasses	Lightly dust seeds then sow by broadcast or drill	15 Lbs. per acre, 16 Kgs/HA
Mint New Planting	Band over rhizomes in furrow	4 Lb., per acre, 4.3 Kgs/HA
Onion	Band with or near seed	4 Lbs. per acre, 4.3 Kgs/HA
Pepper Transplants	Drench transplant prior to planting Band applied to soil surface over root zone after transplant follow by overhead irrigation	4 Lbs. per acre, 4.3 Kgs/HA 4 Lbs. per acre, 4.3 Kgs/HA
Potatoes	Seed coating - tumble with ground, bark, peat other wood dust	7 Lbs. per acre, 7.6 Kgs/HA
Soy Beans, Peas	Band in or near furrow using Gandy Box	20 Lbs. per acre, 22 Kgs/HA
Strawberries	Band in or near furrow when transplanting drench or root dip transplant prior to planting.	20 Lbs. per acre, 22 Kgs/HA
Tomato	Band in or near furrow after transplanting	4 Lbs. per acre, 4.3 Kgs/HA
Wheat Barley	Blend with seed in planter box prior to planting	15 Lbs. per acre, 16 Kgs/HA
Oats	Dust seed prior to planting	8 Lbs. Per acre, 8.7 Kgs/HA