MOSSY OAK BIO LOGIC® Planting Guide

SCIENTIFICALLY PROVEN WILD GAME PRODUCTS

PRODUCT	DESCRIPTION	ANNUAL OR PERENNIAL	PLANTING DEPTH	WHEN TO PLANT	HOW MUCH TO PLANT	RECOMMENDED SUNLIGHT
BIOMAXX	Three varieties of Round-Up Ready soybeans and two varieties of Round-Up Ready corn. The most scientifically advanced foodplot planting ever!	Annual	1/2 of an inch to 1 inch deep	In northern zone should be planted in spring to allow the 110 day corn to achieve maturity. In other zones plant when soybeans are being planted or once soil temperatures are 55° or warmer.	45 lbs. per acre through a corn planter or drill, 55 lbs. per acre when broadcasted.	Full sun
LABLAB	A vigorous, twining legume. High in protein and resistant to insects and disease. Grows well in a variety of soils and conditions.	Annual	1/2 to 1 inch deep	Plant whenever soybeans are being planted in your area. Typically March in the deep south to June in the northern zone, or whenever soil temperatures reach 65° or warmer.	20 lbs. per acre	Fun sun to partial shade
MAXIMUM	A blend of 100% New Zealand brassicas. The ultimate in attractiveness and nutrition.	Annual	1/4 inch or less	Anytime during the growing season pending adequate soil moisture is present. Preferably Spring or Fall.	9 lbs. per acre	At least 6 hours per day
PLOT PERFORMANCE ADDITIVE BRASSICA	BioLogic's Brassica allows any clover or typical green-field plot to include the great nutritional quality and massive forage production of BioLogic's brassica cultivars.	Annual	1/4 inch or less. Broadcast onto a prepared seedbed with the other seed to be planted, or broadcast onto an existing stand of clover, wheat, rye, etc.	Spring or Fall	9 lbs. per acre or can be used to mix with other blends at time of seeding. Can be over-seeded onto existing plots.	At least 6 hours per day
TURKEY GOLD CHUFA	Chufa is relished by wild turkeys. BioLogic and the NWTF have developed the best quality chufas found anywhere.	Annual. Needs only 90 days to mature.	1 to 1 1/2 inches	Chufa will grow anywhere you can grow corn. Plant after the danger of a hard frost is gone and daytime air temperatures are at least in the 70s.	Broadcast 40 – 50 lbs. per acre, or drill using corn planter with peanut plates at 35 lbs. per acre in 36-inch rows.	Full Sun
GUIDES CHOICE	A blend of proven waterfowl attracting plants that produce a high yield of seeds that ducks crave. Japanese Millet, Buckwheat and WGF Grain Sorghum make up this unique blend and are very easy to grow. This may be the best duck planting ever conceived. Easily grown and really attractive.	Annual	¼ or on top of a mud flat	In the south we plant in late July to early August, In the north it can be planted in June and July. Loves hot weather. Matures rapidly.	20 lbs per ½ acre broadcast, drilled rates are slightly less	Full Sun
PLOT PERFORMANCE ADDITIVE ALFACLOVER	This unique blend alfalfa and clover cultivars is different from any other alfalfa-clover blend marketed in the United States. These blends are specifically engineered for deer.	Combination of annuals and perennials. Perennials – 3 to 5 years.	1/4 inch or less. Spread seed on a well-prepared seedbed at 9 lbs. per acre. Use a cultipacker to cover the seed. Or broadcast the seed prior to rain as the rain serves to bury the seed.	Spring or Fall	9 lbs. per acre or can be used to mix with other blends at time of seeding. Can be over-seeded onto existing plots.	At least 6 hours per day
PREMIUM PERENNIAL	A blend of New Zealand red and white clovers, our best chicory cultivars and our most nutritious and palatable brassica cultivars.	Combination of annuals and perennials. Perennial–3 to 5 years.	1/4 inch or less	Spring or Fall	9 lbs. per acre. Can overseed with Maximum to add back the annual part of the blend.	At least 6 hours per day
CHICORY	BioLogic's Chicory cultivars will enhance other fields or can be grown alone to produces tons of highly nutrition, mineral rich forage. Works extremely well in dry areas.	Perennial – 4 to 6 years when maintained.	1/4 inch or less. It works well to broadcast BioLogic Chicory directly onto a prepared seedbed by blending it with the other seed to be planted. It can also be broadcast onto an existing stand of clover, or planted by itself.	Spring or fall	8 lbs. per acre	Best in full sun but will grow in as little as 6 hours per day.
CLOVER PATCH	A less expensive blend of our most successful Red & White Clovers.	Perennial – 3 to 5 years growth when maintained.	1/4 inch	Spring in northern states or fall in the southern states. Can be planted spring or fall in the midtier states.	8 lbs. per acre	At least 6 hours per day
CLOVER PLUS	A blend of our most successful New Zealand red and white clovers and chicory. Extremely palatable. Produces huge leaves, not stems. Highly nutritious.	Perennial – 3 to 5 years	1/4 inch or less	Plant in the spring in the north and late summer/fall in the south.	9 lbs. per acre	At least 4 hours per day
PLOT PERFORMANCE ADDITIVE ALFALFA	BioLogic's Alfalfa blend is preinoculated with new technology that increases shelf life of rhizobium (the bacteria that allows legumes to create nitrogen).	Perennial – 6 years with proper care	1/4 inch or less	In the Southern zone, plant during the fall when adequate soil moisture is available. In the Northern zone, plant during the spring. Stands can be successfully established during both the spring and fall planting seasons in the middle latitudes.	9 lbs. per acre or can be used to mix with other blends at time of seeding. Can be overseeded onto existing plots.	Best in full sun but will grow in as little as 6 hours per day.
PLOT PERFORMANCE ADDITIVE CHICORY	BioLogic's Chicory allows any clover or typical green-field plot to include the great nutritional quality and persistence of BioLogic's chicory cultivars. Works extremely well in dry areas.	Perennial – 4 to 6 years with proper care. Does best if grown with a nurse crop.	1/4 inch or less. Broadcast onto a prepared seedbed with the other seed to be planted, or broadcast onto an existing stand of clover. Best results occur when the clover is less than 3 inches tall so the seed can make soil contact.	Spring or fall	Mix with other blends at time of seeding. Can be over-seeded onto existing plots.	Best in full sun but will grow in as little as 6 hours per day.

PREF. SOIL PH	RECOMMENDED FERTILIZER WITHOUT A SOIL ANALYSIS	PROTEIN CONTENT AND NUTRITION	WHEN TO EXPECT USAGE	BEST SUITED SOIL TYPE
5.8 – 7.0	300 lbs. of 19-19-19	The soybean forage is high in protein content 30% and over. The corn is approximately 9% protein but high in carbohydrates.	The soybeans will be used shortly after germination throughout the summer. In fall they will start on the corn and they will continue to feed on the corn and dried beans throughout the winter.	Will grow in all soil types pending adequate soil moisture is available.
5.0 – 8.0 but prefers 6.0 – 7.0	300 lbs. of 0-20-20	Will produce 5,000 – 7,000 lbs. of forage per acre at an average protein content of approximately 25%.	Expect usage shortly after germination. Lablab is very tolerant of browsing once it is established but it is vulnerable to browse pressure for the first 30 days of growth. In small plots, it is wise to protect Lablab with P2 Plot Protector for the first month if you anticipate browsing pressure.	Lablab will grow in any type of soil pending adequate soil moisture is present and it is well drained. It is very drought tolerant once established but does not grow well in wet soils.
6.0 – 7.0	350 – 400 lbs. of 13-13-13	Up to 38%. Averages 34%. As good as it gets for whitetail.	Palatability increases as the plants mature. Best late fall through the winter. However, may be consumed as fast as it grows.	All types pending adequate soil moisture is available.
5.8 – 7.0	400 lbs. of 13-13-13 per acre	34% to 38% crude protein	Deer may react differently to brassicas in different areas. They may eat them as fast as they come out of the ground. However, more often they will wait until the cool fall temperatures convert the starches to sugar.	All types pending adequate soil moisture is available. Does well in dryer areas where some clovers are hard to establish.
6.0 – 7.0	400 lbs. of 13-13-13 per acre	30% protein and high in vitamin content	As soon as plant matures and tubers are present. In northern regions, tubers will freeze in ground and be available the following spring. Perfect for turkey season.	Sandy or loamy areas, but will also do well in all types pending adequate soil moisture and drainage is available.
6.5 – Ideal	400lbs of 13-13-13	NA	Expect usage when plants mature, seed heads fill and form and the plants are flooded	Bottom low lands, damp and wet
6.5 – 7.0	15 lbs. of nitrogen and 50 – 60 lbs. of phosphorous and potassium per acre. 300 – 500 lbs. of 3-9-9 per acre during establishment, and thereafter annually.	25% to 30% protein. The alfalfa provides exceptional growth and nutrient availability during drought and stress periods when clovers are not as productive.	The use of an annual, rapidly maturing clover ensures fast forage production and palatability.	All types pending adequate soil moisture is available.
6.0 – 7.0	350 lbs. of 10-20-20. For established perennials use a product with little or no nitrogen like a 0-20-20, 300 – 400 lbs. per acre.	Up to 38%. Averages 34%. As good as it gets for whitetail. Excellent calcium to phosphorous ratio.	All year	All types pending adequate soil moisture is available.
5.5 – 7.0	If planted alone use 400 lbs. of 10-10-10 per acre. If planted with clover we recommend ensuring the plot receives at least 400 lbs. per acre of phosphorous and potassium.	Very high in minerals. 25%–30% crude protein Chicory is a deep-rooted, drought resistant, extremely nutritious perennial crop that has been a foundation of BioLogic's perennial blends. Now these same cultivars are available as an additive that you can simply add to your food plot blends.	Chicory thrives in dry, hot weather and also becomes very palatable at that point. When your clovers go dormant in the hot, dry weather, chicory keeps a nutritious food source available. Chicory can also be a great attractor for hunting season.	Will grow in all soil types pending adequate soil moisture is available. Does well in dryer areas where some clovers are hard to establish.
6.0 – 7.0 but prefers 6.5 – 7.0 as do all clovers.	350 lbs. of 9-24-30 at the time of planting. Once established use a product with little or no nitrogen like a 0-20-20, 300 – 400 lbs. per acre.	Clovers yield 24% – 32 % protein.	From spring green up through to plant dormancy.	Will grow in all soil types pending adequate soil moisture is available.
6.0 – 7.0	350 lbs. of 9-24-30. Once established use a product with little or no nitrogen like a 0-20-20, 300 – 400 lbs. per acre.	24 – 35% protein. Chicory is extremely high in mineral content and is perfect for end stage antler genesis.	Spring through plant dormancy.	All types pending adequate soil moisture is available.
6.5 – 7.0	300 – 500 lbs. of 3-9-9 per acre during establishment, and thereafter annually.	20% – 30% protein depending on what stage of bloom it is in.	Drought and stress periods when clovers are not as productive.	All types pending adequate soil moisture is available. Does well in dryer areas where some clovers are hard to establish.
5.5 – 7.0	400 lbs. per acre of phosphorous and potassium if it is added to a clover based plot. If chicory is added to a non-legume based crop then add at least 400 lbs. per acre of 10-10-10 or more concentrated fertilizer.	Very high in minerals. 25% – 30% crude protein	When clovers go dormant in the hot, dry weather, chicory keeps a nutritious food source available.	All types pending adequate soil moisture is available. Does well in dryer areas where some clovers are hard to establish.