





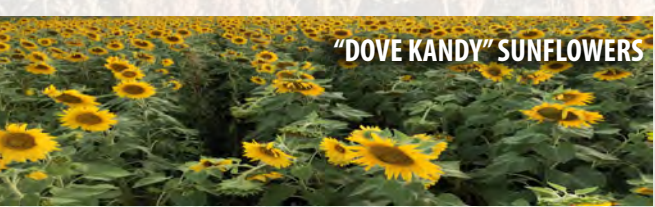





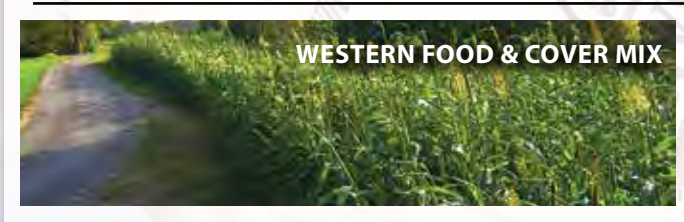


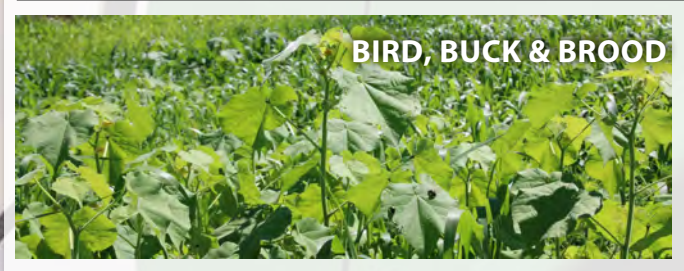
Food Plot Guide



Roger Hill © 2009

Signature Series
Food and Cover Mixes

| GRAIN FOOD PLOT MIXES | COMPONENTS | DESCRIPTION (ALL MIXES ARE ENHANCED WITH MICRONUTRIENT COATINGS) |
|--|---|---|
|  <p>BLIZZARD BUSTER</p> | <p>Mixture of five grain and four tall forage sorghums. Concep-treated for improved weed control.</p> | <p>Blizzard Buster is the 800-pound gorilla of winter food and cover mixes. This 5 grain and 4 tall forage sorghum blend provides maximum shelter and food for game birds in tough winter weather, especially when established in large plots. Planting near existing winter cover will enhance the character of that habitat, and improve bird survival. A 25 lb bag plants up to 4-5 acres. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |
|  <p>COVEY RISE</p> | <p>Blend of five intermediate grain sorghums adaptable to many areas. Concep-treated for improved weed control.</p> | <p>Covey Rise is a mix of 3 to 5 foot heavy grain-bearing sorghums with bright fall colors, super food value & great habitat structure! It creates great hunting habitat, and pheasants and quail love it. Though Covey Rise is a bit less attractive to the big game that often clean out food plots, deer and turkeys happily dine on Covey Rise when conditions get tough. A 25 lb bag will plant up to 4-5 acres. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |
|  <p>EARLY LONGTAIL MILO</p> | <p>Early maturing grain sorghum with a wide area of adaptation. Concep-treated for improved weed control.</p> | <p>Short growing seasons are no longer a barrier to good food production for wildlife. Early Longtail Milo is a maturity grain sorghum that provides a heavy seed crop in as little as 85 days in normal growing conditions. It makes for great hunting habitat that affords maximum visibility of your bird dogs while working cover. A 25 lb bag plants up to 4-5 acres. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |
|  <p>ROOSTER BOOSTER</p> | <p>Grain sorghums, corn, buckwheat and millets.</p> | <p>Rooster Booster creates diverse feeding habitat for deer, turkeys, pheasants, quail, and other wildlife. It will normally outlast corn-only food plots. This early maturing mix is heavy on sorghums, with plenty of corn, buckwheat and German millet. Wide range of components insures heavy wildlife use through the hunting season and winter. A 25 lb bag plants 3 acres. Broadcast onto a prepared, well fertilized seedbed and harrow in.</p> |
|  <p>"DOVE KANDY" SUNFLOWERS</p> | <p>Diverse sunflower mixture with multiple maturity ranges and heights.</p> | <p>Sunflowers rank first among the favorite foods of wildlife! Dove Kandy Sunflowers will drive your doves, game birds, and songbirds wild! This blend of small, black-seeded, high oil varieties are chock-full of energy -- just the ticket to draw doves into early fall shooting fields. A 25 lb bag plants up to 4-5 acres via row planters, or broadcast seeders. Seed Dove Kandy, as a stand alone plot or salt into your other food plots to add diversity.</p> |
|  <p>WINTER SHIELD</p> | <p>Four distinct grain sorghums, six forage sorghums and two millets. NOT Concep-treated.</p> | <p>Winter Shield (AKA Nebraska Mix) is loaded with high-yielding forage and grain sorghums, and millets to provide the critical energy needed to pull your birds through the toughest winters. It creates among the best winter cover and food available for pheasants and quail. It will increase your birds' survival prospects, while providing a haven for other wildlife. A 25 lb bag plants up to 4-5 acres. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |

| GRAIN FOOD PLOT MIXES CONTINUED | COMPONENTS | DESCRIPTION (ALL MIXES ARE ENHANCED WITH MICRONUTRIENT COATINGS) |
|---|---|---|
|  <p>SOUTHERN QUAIL QUISINE</p> | <p>Millet, Brown top, Millet, Proso, Millet, Pearl, Milo (Grain Sorghum), Clover, Arrowleaf, Ragweed, German millet</p> | <p>Southern Quail Quisine utilizes carefully selected millets, ragweed, and sorghum, providing that much needed easy to digest food source that will also provide escape and brooding cover that quail, turkey, and upland birds' desire. A 12 lb bag plants up to 1-2 acres. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |
|  <p>MIDWEST QUAIL QUISINE</p> | <p>Millet, Brown top, Millet, Japanese, Millet, Proso, Millet, Pearl, Milo (Grain Sorghum), Clover, Berseem, German millet</p> | <p>Midwest Quail Quisine utilizes carefully selected millets, annual clover, and sorghum, providing that much needed easy to digest food source that will also provide escape and brooding cover that quail, turkey, and upland birds' desire. This mix is best broadcast onto a prepared, well fertilized seedbed, then harrowed in. A 25 lb bag plants 2 -4 acres of fabulous food plot. Establish with row planters, grain drills or broadcast seeders in well drained areas when soils warm to 60 degrees.</p> |
|  <p>WESTERN FOOD & COVER MIX</p> | <p>Sunflowers, forage and grain sorghums, sudan grass, sweet clover and millets.</p> | <p>Western Mix is designed for drier climates that uses short maturity varieties, but it can also create a two year cover plot. This exclusive blend of sunflowers, forage and grain sorghums, sudan grass, sweet clover and millets is best planted with a broadcast seeder. A blend of grasslike and broadleaf plants, a 25 lb bag will produce 3 to 4 acres of winter cover, and a very effective food plot. And in the second year, it becomes great brood-rearing cover.</p> |
|  <p>DUCK KANDY</p> | <p>Millet, Brown top, Millet, Japanese, Millet, Proso, and Buckwheat</p> | <p>3 millet varieties and buckwheat make this mix a waterfowler's dream. This is the perfect mix for wetlands, pond edges, impoundments, and ponded fields. Average maturity is 50 - 60 days. Optimal planting time is June through late July. It can be broadcasted, drilled, or thrown out by hand. Whether you're a serious waterfowler or just want to see more wildlife on your farm, this mix will put more ducks and geese on your property. A 25 lb bag plants 1 acres.</p> |
|  <p>CLOVER KANDY</p> | <p>Includes Alfalfa, Ladino White, Medium Red, Alsike, Arrowleaf, Berseem, and Crimson Clovers</p> | <p>Clover Kandy is the perfect blend of high protein clovers and other legumes providing the ultimate green browse for deer and turkey while providing nesting and brood-rearing cover for pheasants and quail. This mix stays green most of the year providing the ultimate all-around food plot. It can also be used for green firebreaks. Clover Kandy lasts 2-4 years before needing to replant. 10# bag plants 1 acre. Establish with row planters, grain drills or broadcast seeders in well drained areas</p> |
|  <p>BIRD, BUCK & BROOD</p> | <p>Includes Buckwheat, Foxtail Millet, Sunflowers, Alfalfa, Cow peas, Cool Season Peas, Rapeseed, Hyb. Forage Brassica, white Mustard, Partridge Pea, and Yellow Blossom Clover</p> | <p>Bird, Buck, & Brood Food is a highly-diverse blend of high protein legumes, forbs, brassicas, and small grains providing the ultimate buffet for deer and turkey while providing nesting and brood-rearing cover for pheasants and quail. This mix provides early season food sources, late season food sources, and year-round cover. It is literally the "Jack-of-all-trades" food plot. A 25 lb bag will plant 1 acre. Establish with row planters, grain drills or broadcast seeders in well drained areas</p> |

| GREEN BROWSE FOOD PLOT MIXES | COMPONENTS | DESCRIPTION (ALL MIXES ARE ENHANCED WITH MICRONUTRIENT COATINGS AND INNOCULANTS) |
|--|---|--|
|  <p>3 C TURKEY</p> | <p>Forage Chicory, Clover, Ladino, Clover, White (Dutch), Chufa</p> | <p>3 C Turkey is a specially designed perennial turkey mix that includes the 3 species that turkeys can resist. This mix if well maintained will have them returning from year to year. This 8.5 LB Clover, Chufa, and Chicory mix seeds up to 1 acre. Establish with row planters, grain drills or broadcast seeders in well drained areas .</p> |
|  <p>LUCKY 13 WHITETAIL</p> | <p>Forage Brassica(Pasja), Rape, Kale, Forage Turnip (Appin), Purple Top Turnip, Daikon Radish, Forage Collards, African Cabbage, Lentils, Forage soybeans, Okra, Mungbeans, Cowpeas</p> | <p>Lucky 13 Whitetail mix contains 13 annual forage species whitetails can not resist. If you are tired of that typical mix that does well for a while then gets hammered all at once over night then this is the mix for you. This all inclusive well balanced spring planted mix , with all of its diversity has species that will continue to grow and mature at different rates so that the food plot is always working for you. Establish with row planters, grain drills or broadcast seeders in well drained areas This 25# bag plants 1/2- 1 acre.</p> |
|  <p>FATAL FALL FORAGE</p> | <p>Forage Brassica (Pasja), Rape, Forage Turnip (Appin), Forage Collards, Clover, Berseem, Clover, Arrowleaf</p> | <p>The mix of highly desired forage brassicas and annual clovers is a mix that whitetails can not resist. This mix is designed to be planted in July to mid August in the Midwest and into mid September in the south and southeast. These forage varieties are extremely sought after by whitetails in mixes and we have combined them for you into one delectable buffet for your fall whitetail experience. Drill or broadcast in in late summer or early fall. This 12# bag plants 1-2 acres</p> |
|  <p>BIG BUCK BRASSICA</p> | <p>Forage radishes, Forage turnips, Purpletop turnips, Hybrid forage brassicas, Rapeseed, and Kale</p> | <p>Big Buck Brassica is specially designed to produce superior browse that deer and turkeys find irresistible. The high sugar content in the mature leaves attracts and keeps deer where you want them. This mix grows fast, reaching up to 24 inches just 45 days after planting, and browsed leaves are quickly replaced. Add this fall forage mix to your food plot program to boost your chances of taking a nice buck this fall. Drill or broadcast in spring, late summer or early fall. Sold in 6LB 1 acre bags.</p> |
|  <p>SUMMER SWEET SPOT</p> | <p>Awnless Wheat, Winter Pea, Forage Soybeans, Buckwheat, Berseem Clover</p> | <p>Summer Sweet Spot has been designed for that late summer annual planting that will provide quality food source, with forage soybeans, buckwheat, winter peas, and berseem clover through fall season, but also provides the benefit of winter wheat through the winter , since the wheat species is Awnless this food plot mix will provide value all the way into summer. 25 lb 1/2 acre bags. Drill or broadcast and work into the soil in late summer or early fall.</p> |
|  <p>WINTER WONDERLAND</p> | <p>Awnless wheat, Winter oats, Winter barley</p> | <p>This late season targeted mix is designed to be planted late summer through early fall. With varieties of wheat, barley, and oats chosen for their late season and over wintering properties will provide something that no other food plot mix can provide. That quality forage hotspot all winter long. the wheat will continue through spring and into summer for those long-term annual benefits. Drill or broadcast in in late summer or early fall. This 25 lb bag plants 1/4 acre.</p> |

PERENNIAL STRUCTURE MIXES

COMPONENTS

DESCRIPTION



Whitetail Sanctuary

Bluestem, Big (Pawnee), Switchgrass (Blackwell), Switchgrass (Cave N Rock), Switchgrass (Kanlow), Indiangrass (Neb 54)

Use this mix to establish protective bedding areas, or create protected travel corridors for whitetail. you can even use this mix as a screening mix to conceal those visible small fields of your access to stands and blinds. This Native screening and or bedding mix is specially designed with highly productive varieties of our best tall Native grasses. The diversity of the grass and structures assures it will stand up to even the toughest winter storms. This mix should be Spring planted by either a Native Seed drill or can be broadcasted in a well prepared seed bed. 1 Bag plants 1Acre

PF/QF POLLINATOR MIXES

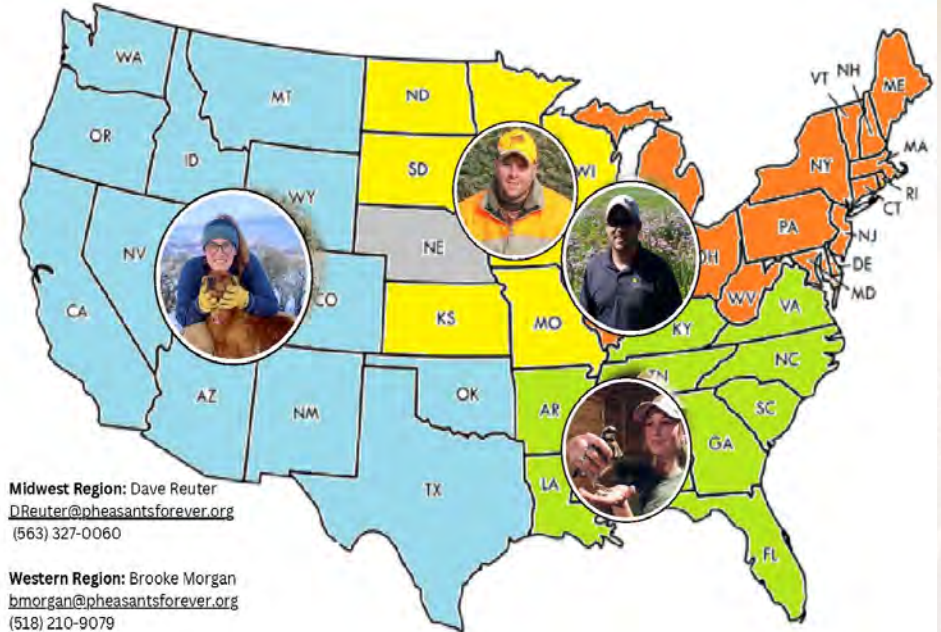
INFORMATION



THOUGHTFULLY DESIGNED & HIGHLY DIVERSE POLLINATOR HABITAT

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- Great Brood Habitat for Pheasants & Quail
- Specially Designed Mixes for the Upper Midwest
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Southeast Region: Olivia Lappin
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FOOD PLOTS – A CRITICAL WILDLIFE HABITAT PRACTICE FOR YOUR FARM

GRAIN-BASED FOOD PLOTS - High energy, grain-based food plots are an essential management practice for game birds and other wildlife on private lands. Regardless of winter severity, it always makes good sense to provide additional food and cover for crisis situations, to use food plots to increase habitat diversity, and to create habitat for hunting and wildlife viewing. Where primary winter cover is limited, planting grain-based mixes (like sorghum blends) will provide structural cover in addition to food. Creating larger plots adjacent to your primary wintering areas increases the character of that shelter for your birds. That helps you achieve your primary objective—to bring your hens through the winter in peak condition for spring breeding, so improved body weight helps maximize chick production.

BROWSE MIXES - The Bird and Buck Line of green browse mixes from Pheasants Forever and Quail Forever provide forage that will help attract big game to your farm. In some cases, these mixes can also provide high quality brood habitat for upland birds. These mixes are a magnet for wildlife. They attract whitetails and other species to your property, and hold them there. PF/QF browse mixes are comprised of specially developed protein and energy rich forages that deer find irresistible. In addition, several Bird and Buck forage mixes create a leafy, insect rich structure that is important for gamebird chicks.

FREQUENTLY ASKED QUESTIONS

WHY DO I NEED FOOD PLOTS ON MY FARM? High quality grain food plots play a critical role in the relationship between food, cover, movement and winter bird mortality. The logic is simple. Locating well-planned food and cover plots adjacent to heavy roosting cover provides a dependable source of high-energy food. With the food adjacent to winter cover, birds establish safe foraging patterns, and movements are minimized – so predation and weather losses are reduced.

WHAT MAKES PF/QF MIXES SPECIAL? Our biologists have developed PF/QF grain and forage mixes to provide the food and cover prescription that the wildlife on your farm need. Through continual product improvement, we have formulated very specific blends that are adaptable to most growing conditions, and that maximize benefits for your wildlife.

ARE SPECIALIZED MIXES WORTH THE EXTRA COST? Yes. Seed is likely the smallest expense in your overall food plot spending, yet it is the foundation of your effort to improve wildlife survival. Buy the very best seed that you can for your food plots. PF/QF food plot products come to you after extensive development and research, and following years of successful establishment on farms across the country. And they come to you with the full backing of Pheasants Forever and Quail Forever, two of the nation's most respected private conservation organizations.

MUST I USE HERBICIDES? Weeds are the most serious threat your food plot will face. Thus, we recommend some sort of herbicide treatment. Food plots planted without weed control have highly variable results. Weed problems can be addressed by tillage, chemical suppression, or a combination of both. While a few weeds actually improve food plot diversity, severe competition that causes the primary planting to fail wastes your food plot investment, and puts your wildlife in a bad position for winter. PF/QF food plot mixes are not RoundUp Ready, however, some are Concep-treated to allow expanded weed control. Pay attention to weed control recommendations on the bag for the best planting result.

DO I NEED FERTILIZER? Yes. Food plots are a crop for your wildlife—fertilize accordingly. Nutrient needs are easily assessed before planting season with a simple soil test (farm co-ops routinely do this at low cost), and the results will allow you to amend the soil properly. Legume food plots do not need nitrogen, but may require other supplements to optimize the stand. Grain plots almost always require significant nitrogen, and other supplemental nutrients (rotating into old legume browse areas may save you some money on nitrogen). PF/QF mixes carry micronutrient seed coatings to help our seed to get a jump on early growth. Even so, primary food plot fertilization is a must-do.

HOW DO I DECIDE WHICH MIXES ARE RIGHT FOR MY FARM? First examine your habitat objectives for your farm. What do you want to accomplish for which wildlife species? What are your desires for hunting and viewing? Look closely at winter food and cover conditions. If high energy winter food is limited, or poorly distributed, you need grain food plots to assist gamebirds. If deer lack succulent forage, you may need green browse plots, as well. Usually, if you have sufficient water and growing season length, there is a PF/QF food plot mix that will meet your needs.

WHEN IS THE BEST TIME TO PLANT? With a few exceptions, Signature series mixes are planted in the spring. The agricultural operations occurring in your area will give you some idea of when to plant, but not all types of seed can be planted at the same time. Detailed planting instructions are found on each PF/QF food plot mix. Read them carefully.

WHAT ABOUT PLANTING EQUIPMENT? Signature Series food plot mixes can be established with standard row planters, drills, drop seeders, or with broadcast seeders mounted on a tractor, ATV or pickup truck. Complete planting instructions are on each bag. If you do not have your own equipment, it can often be rented from USDA Offices, local implement dealers, or wildlife agencies. PF/QF habitat specialists, private contractors, or a neighbor also may be able to assist you in planting your food plot. For more information on food plot design and other considerations consult the Pheasants Forever Essential Habitat Guide, and/or talk to a PF Habitat Specialist near you.

WHAT'S THE BEST LOCATION FOR MY WINTER FOOD PLOTS? Grain food plots should restrict unnecessary travel, and provide high quality food and supplemental cover adjacent to your bird's primary wintering areas. Birds forced to cross hostile territory for food suffer predator and weather mortality. Combat this by locating generous sized food plots directly next to winter cover (3 acres or larger is best). Blocks are preferable to linear plantings, and placement on the windward side of winter cover improves that habitat. If winter cover is scarce, 10-acre plantings of sorghum blends with heavy leaf structure (like Blizzard Buster) may provide all the food and shelter that birds need. Green browse plots will provide no winter cover for upland birds, but will provide forage for deer.

HOW LARGE SHOULD MY FOOD PLOT BE? We can't predict when wildlife will most need assistance, so commit to planting substantial food plots every year. Plan grain food plots for the worst case weather scenario. Don't create a project that will be buried by the first blizzard. Your plots will be used by many kinds of wildlife. Deer and turkeys consume a lot of grain. They exhaust small food patches well before winter ends. Since you can't keep them out, larger food plots (3-10 acres) are always most desirable. Select a food plot mix based on the cover and food values you need, and carefully assess the critical factors of size and location for your farm.

HOW LONG WILL MY FOOD PLOT LAST? Hopefully all winter long! Grain food plots generally last only until the next growing season (particularly if deer use it heavily). Almost without fail, you need to re-establish these food plots annually. In rare instances of low wildlife use, the grain from one year may carry over to the next on the stalks. Allowing a plot like this to grow up into annual weeds provides excellent brood habitat. Legume-type green browse food plots (blends of clovers, alfalfa, etc.) generally last several years. Combination leafy forage/root crops like turnips need to be re-planted each year.

WHAT OTHER FACTORS SHOULD I CONSIDER? Food plots alone are not going to "bring back the birds." Well-placed food patches will help bring more hens through winter in better condition. At that point, however, the other habitat you have established on your farm (nesting cover, brood rearing habitat, etc.) will play the leading role. Be sure you focus on establishing and managing those important areas for wildlife, as well.



THE HABITAT ORGANIZATION

Not a member? You should be. Pheasants Forever and Quail Forever rank high among the most respected conservation organizations in North America. The reason is simple. We have a unique, homegrown structure comprised of local chapters raising funds, and investing in local habitat projects and conservation education for youth. Each day, our professional staff and thousands of volunteers work to assure a bright future for wildlife and the future generations that will enjoy our natural resources. Please consider joining us in those efforts. Call or visit the website below.



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