

Adaptive Seeds

25079 Brush Creek Rd
Sweet Home, OR 97386

Adaptive 2011 Catalog Seeds

Northwest adapted seeds
for the resilient
gardener, grower,
& seed saver



Visit us for more at
www.adaptiveseeds.com

Artisan quality, public domain, open-pollinated seeds, grown without the use of synthetic chemicals and with ecologically mindful methods (**Transitional Organic**). Our catalog is full of robust productive varieties as well as rare adaptive gems.

In short,
seeds for biodiversity supported agriculture.



Thank you for supporting biodiversity!

Cover art by Kathleen Beeson

Welcome to our 2011 seed list!

We thought 2011 would bring us more focus and in a way it has. We have really started to identify our favorites among the varieties we have been growing for the past few years. At the same time, we keep discovering new and interesting things – potential future favorites from the sea of diversity.

2010 was our first year here at Open Oak Farm in Sweet Home, OR (USDA Zone 7). In addition to running the seed company, we are growing one acre of vegetables for a Winter CSA with our friend and farm partner Cooper Boydston. We are growing thirty different vegetable crop types this winter, and within each type of crop, we are trialing sometimes several dozen varieties. You can look forward to the seeds of the best of these varieties in future seed lists.

Our favorite crop for 2010 turned out to be Endive! You might wonder how we could be so excited about that weird frilly bitter green. Well, we discovered it is not very bitter when grown in the fall and winter in Oregon, it is very hardy and it tastes fantastic... like lettuce crossed with walnuts. It appears that those giant California salad mix growers have given endive an undeserved bad reputation. Rutabagas were also a standout for us. But they are always a delicious favorite for us. This year we have started to proclaim “Rutabagas the next big thing” and if it catches on we will have to start selling T-shirts. OK enough of the rambling about strange amazing food plants, there is plenty of that in the pages that follow.

We are also delving deeper into the world of small grains, growing one-acre plots of several types of wheats, rye, barley, oats, triticale, buckwheat, polenta corn, and more. Some of our grains have made it into this catalog. If you are interested in purchasing larger quantities of any of these grains for food or for seed, visit our farm's website at www.openoakfarm.com.

We hope you like the evolution of our little seed company. We have added more than 70 new varieties and have begun to offer medium large quantities of some varieties to better serve the needs of homestead gardeners and farmers. A new system of icons has also been added to help navigate the list.

Our simple purpose is to get the excellent seeds we have grown out from our hands into yours. We are inspired by Siskiyou Seed Company's term “Farmer Direct”. We do not buy and resell large lots of seed like most other seed companies do, but we do offer seeds that are stewarded by some of our close friends in the area. When a variety has been grown by someone else, it is noted in the description.

Please see us as a gene resource for your own diversity and/or seed stewardship goals. We encourage seed saving and we encourage you to save and adapt the seeds in our catalog to your own conditions. It would delight us to one day become obsolete as seed saving is restored to its former greatness as a near universal act.

Please visit our retail website, www.adaptiveseeds.com for more information and pictures of varieties, recipes, seed starting and growing tips. There we also have our seed saving guide available for free download as a PDF.

Happy gardening and seed saving,

Andrew Still & Sarah Kleeger

About Adaptive Seeds

We grow and steward rare, diverse and resilient seed varieties and distribute these to other ecologically minded farmers, gardeners and seed savers. Most of our seed is adapted to the Pacific Northwest and short season northern climates. All of our seed is grown by us and with a few local friends who help with isolation gardens. We sell only public domain, open-pollinated (OP) seed, and some diverse genepool mixes. NONE of our seeds are proprietary hybrids (F1), patented (PVP) or genetically modified (GMO) and all of our seed is grown without the use of chemical fertilizers, herbicides or pesticides. Currently here at Open Oak Farm we are transitioning to Certified Organic.

Our seed priorities:

- Adaptivars, grexes, and landrace varieties
- Winter garden varieties
- Rare and Heritage varieties
- Early maturing & northern adapted varieties
- Oregon & Northwest bred varieties & heirlooms
- Highly nutritious staples that really feed us
- Public Domain modern varieties
- Ideal OP varieties for commercial growers

New varieties for 2011






Amaranth, Rodale Red Leaf Grain	Misc Grain, Triticale, Pika
Bean / Pole / Snap, Domatsu Snap	Misc Greens, Cleome Gynandra
Bean / Pole / Snap, Gold Nectar Snap	Misc Greens, Munich Purslane
Bean / Pole / Snap, Kent Blue	Misc Greens, Scuplit, Silene Inflata
Bean / Pole / Snap, Oregon Giant	Misc Greens, Vegetable Mallow
Bean / Pole / Snap, Trebona	Mustard <i>juncea</i> , Dragon Tongue/Ho Mi Z
Bean / Pole / Snap, Withner's White Cornfield	Mustard <i>rapa</i> , Nozaki Early Napa Cabbage
Broccoli, Nutribud	Oats, Cayuse
Corn, Mandan Parching Lavender	Onion, Gold Princess
Corn, Open Oak Polenta Party Mix	Onion, Karmen
Cucumber, Mid East Peace	Onion, Newburg
Endive, Frizee Meaux	Pea, Alaska
Endive, Greek	Pea, Caruther's Purple Podded
Endive, Pancalieri a Costa Bianca	Pea, Spring Beauty
Escarole, Cornetto Di Bordeaux	Pea, Magnolia Blossom
Flowers, Many...	Pea, Opal Creek
Herb, Tetra Dill	Pea, Parsley Pea
Herb, San Juan Pueblo Tobacco	Pea, Pioneer
Kale, Madeley	Pea, Sugar Magnolia
Lettuce / Head, Carmona	Pea, Sugaree
Lettuce / Head, Mikola	Peppers, Hot, Chimayo
Lettuce / Head, Montel	Peppers, Hot, Csilla hungarian
Lettuce / Head, Unicum	Peppers, Hot, Szentesi Cherry
Lettuce / Leaf, Strela Green	Spinach, Matador
Lettuce / Leaf, Fire Mountain	Tomato, Amber
Lettuce / Leaf, Hyper Red Rumpeld Waved	Tomato, Azure
Lettuce / Leaf, Pinot	Tomato, Golden Bison
Lettuce / Leaf, Red Tinged Winter	Tomato, Gregory's Altai
Lettuce / Leaf, Yu Mai Tsai Sword Leaf	Tomato, Lila Sari
Lettuce / Romaine, Kalura	Tomato, Napoli Roma
Lettuce / Romaine, Little Gem Pearl	Tomato, Orange King
Melon, Sweet Freckles	Tomato, Ropreco
Misc Grain, Hell's Canyon Finger Millet	Tomato Uralskiy Rainniy
Misc Grain, Rudes Proso Millet	Tomato, Whippersnapper
Misc Grain, Rudukes Foxtail Millet	Turnips, Aprovecho Hardy Select
Misc Grains, Spelt, Belorussian	Watermelon, Bozeman
Misc Grain, Triticale, Douglas	Wheat, Federation
Misc Grain, Triticale, Pearls	Wheat, Maris Wigeon

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Our new icon system - for finding facts quicker amidst the ocean of information

This year, we are introducing a new icon system to help identify some characteristics of our varieties. When you see the Winter icon, you can know that that variety has done reasonably well in the winter in our zone 7 (low of about 10°F) market garden. We do use row cover for protection from the cold when temperatures get below 30°F, but have found many varieties are perfectly hardy down to at least 20°. Similarly, when you see the Market Farm icon, our 8 years experience of market gardening stands behind that opinion.

	= Heritage and modern Oregon bred varieties
	= Seed Ambassadors Project introductions to the United States or reintroduction after a long absence
	= Winter Gardening Varieties
	= Varieties highly recommended for market farm production
	= Excellent variety for salad mixes.

Why we are Open Pollinated (OP) and regional: Corporate produced Hybrid seed is severed in its relationship to the natural world and this is a corrupt short term economic model. Hybrid seeds are beneficial mostly as mono-crops. Simply put, this model is an evolutionary dead end. We believe proprietary control schemes such as hybrids (F1), patenting (PVP) and trademarking (TM) are stifling resilient innovation and diversity. Proprietary hybrids are the single biggest contribution to the erosion of world agricultural biodiversity. Open Pollination encourages diversity and resilience, and is akin to Open Source.

The Seed Ambassadors Project is a small group of Oregon seed stewards. Our principal goal is to add to the diversity of locally adapted varieties in our bioregion and disseminate this precious resource in order to further local food system durability worldwide. In the past we have spent our winters traveling through Europe and Asia collecting and sharing seed and seed saving skills. So far we have collected over 800 varieties of food plants, most of which are not available in the US. The project also hosts local seed swaps and presents classes on seed saving and locally adapted seeds. We at The Seed Ambassadors Project see locally adapted varieties as the foundation of the durable and resilient local food system that we are helping to create. Please visit the project at www.seedambassadors.org

**All packets are \$3
please see www.adaptiveseeds.com for larger packets**

AMARANTH packet contains 200 seeds

Copperhead

45 days leaf; 90 days grain. Very ornamental copper-colored seed heads on 4-5' plants. Earlier maturing variety with light, almost golden colored seeds. Amaranth was a staple crop of the Aztecs and its seeds and leaves are known to be some of the most nutritious of food crops. Our friend Gary Rondeau did an excellent write-up of his experience with this grain on his blog at <http://squashpractice.wordpress.com/2010/11/24/the-grand-amaranth-experiment>.

Golden Giant

45 days leaf; 100 days grain. Taller plants produce higher yields but mature later in the season than Copperhead. 6' tall plants have green leaves on golden stems with golden seed heads. Grown locally in Eugene, OR area for 10+ years. Excellent garden scale grain crop with up to 1lb. of grain yield per plant.

Miriah

SAP MF Mix

A. *tricolor*. Red veined green leaf amaranth for salad and cooking. Leaf backs are red, adding unique color to salad. Heat tolerant spinach substitute that is popular in Asia and Latin America, good cooked or pickled. This is not a grain variety. This type of amaranth is sometimes called Callaloo in the Caribbean. We brought this back from the abyss in 2006 after it was lost commercially in 1999.

Rodale Red Leaf Grain

SAP

NEW for 2011. 90-100 days from transplant. Our re-selection from variable material that I believe originally came from Rodale in the early 1980's and from Suzanne Ashworth in California more recently with the name "Red Leaf Grain". We have selected for early maturing 4-5 ft tall deep red plants that produce a heavy yield of light tan seeds, perfect for edible grain use. About half were entirely finger headed like Golden Giant and half of the plants showed a more snake tongued center head. Matured well for us even with our extra cool Oregon summer of 2010.

ARUGULA

packet contains 400 seeds

Astro

– Will be back in 2012.

Tuscan

SAP MF W Mix

Big thick leaves with excellent flavor. Spicier flavor than Astro. Some plants strap-like, others lobed. From Agricoltori Custodi, a seed preservation group in Tuscany, Italy.

BEAN / POLE / SNAP

packet contains 30 seeds

Please note that bean diversity is more of a priority for us than absolute varietal purity. We do isolate species that are generally cross-pollinating. But some plants, such as beans, which are generally self-pollinating, are not isolated from each other. Instead, we grow many bean varieties side by side. For this reason you may find some crossing (usually less than 5%). Bean crosses are easy to identify, and if you choose to save seed yourself, you can often clean up the genetics in one generation by not planting out seeds of the off-types. Or, grow the off-types and start your own new bean variety!

Domatsu Snap

OR

NEW for 2011. Vigorous pole snap bean that is very high yielding of thin 7-8 in. green pods with light purple markings. The vines can attain an incredible height of up to 12 feet if given a tree or something

tall to grow on. A standard 6 foot bean trellis is good enough, just make sure it is sturdy. Grey/tan black striped seeds are beautiful and worthy of jewelry and also good as a dry bean. An Oregon variety Bred by Alan Kapuler of Peace Seeds.

Gold Nectar

SAP MF

NEW for 2011. Excellent Yellow Wax Bean with high yields of crunchy yellow beans with good flavor. The pods are thin but slightly flattened. We received this variety at a seed swap in Belgium, so we don't know much about its history.

Kew Blue

SAP MF

NEW for 2011. 65 days. Deep purple pods, stems and leaves, semi-flat pods with excellent raw flavor. A bean that thrives in cool wet weather and germinates well in cold ground in the spring. The pods set early and continuously up the vines. The seeds dry down quick before the rains come. This was one of our highest yielding pole beans this year. Originally from the Royal Botanic Gardens, Kew, we originally received this variety from Heritage Seed Library, UK when we visited them in 2007.

Oregon Giant

SAP OR

NEW for 2011. This is the bean that introduced us to dual purpose beans. One of the best snap beans we have ever eaten. We like to cook them when they are big and still juicy, although at that point they have strings like an old traditional string bean. They are also tasty when smaller and stringless, but have a much milder flavor. You can use them as (huge) fresh shelling beans and for dry beans. Their pods shed off a fair amount of rain when drying down and the plants tolerate shade and cold wet weather very well. Most famous for being an Oregon heritage bean popular since the 1930's and it appeared to be lost recently. Our "genuine" strain comes from a local seed saver in Foster, Oregon who has been saving them for over 20 years.

Trebona

SAP MF

NEW for 2011. A great productive and early green bean with long somewhat flat Romano type pods, large white seeds that would be good shelled. We received this from the breeding program of Christina Henatsch, a breeder for Bingenheimer Biodynamic seed company in Germany.

Withner's White Cornfield Bean

MF

NEW for 2011. There are a lot of different bean strains with the name Cornfield, Genuine Cornfield, or True Cornfield Beans and all of them have been grown with corn at some point. According to Carol Deppe, author of *Breed Your Own Vegetable Varieties* and *The Resilient Gardener*, Alan Kapuler's Strain of True Cornfield bean is the Best for the Pacific Northwest and the best for growing in the cornfield. Compared to other strains this one is earlier and has a better pod set in shady conditions. Also it has a "delicious distinctive taste" according to Carol. A white seeded type that grows great even when it is not in the corn. It is an Indiana family heirloom named after Dr. Carl Withner.

BEET

On our new farm in 2010, we found ourselves surrounded by GMO sugar beet seed crops. So we were forced to figure out a new way of growing out our beet and chard seed that is isolated from GMO Pollen. We have avoided contamination so far and we will have more properly isolated beet seed next season. There is now an injunction against GMO sugar beet seed production, and if it holds our valley will once again be safe from GMO pollen.

Kamuolini

– Will be back in 2012.

Ukrainian

– Will be back in 2012.

BROCCOLI

packet contains 100 seeds

Nutribud

OR

NEW for 2011. 55 – 70 days. A great open pollinated broccoli bred in Oregon by plant breeder Dr. Alan Kapuler of Peace Seeds. This is the broccoli to grow for flavor. The sweetest, richest and possibly the most nutritious broccoli for spring and fall. We had a group of middle school kids eating this broccoli raw out of the garden. Deep green florets, large central head and prolific side shoots make this an excellent variety for the home gardener. Tested high in free glutamine, which is a building block of protein, powerful energy source for the brain and is an important healing nutrient for the body. Not the largest or tightest heads and it doesn't like hot weather.

Umpqua **OR MF**

50 – 70 days. 6 – 8 inch heads, good side shoot production. Excellent blue green color. This spring and fall broccoli was bred by Tim Peters of Peters Seed and Research. We collected Umpqua broccoli from three sources (majority from Sandhill Preservation Center) and crossed them all together to increase diversity and re-select for quality within the variety. Grown in the watershed of the Umpqua River, where the variety got its name.

BRUSSELS SPROUTS packet contains 100 seeds

Red Bull **SAP W**

One of the only good open-pollinated red Brussels sprouts. Vigorous 3' plants form 1-2 inch sprouts in fall and winter when planted May to early June. Sweet nutty flavor especially after frost when the plants turn a deeper red. Sprouts stay red when cooked. Very hardy and far superior to Rubine, though there is some variability in plant color and sprout size and formation. From British seed company Tozers.

CARDOON packet contains 50 seeds

Argenté de Genève Inerme **SAP W**

Closely related to the artichoke, this stem vegetable is sown in spring, then blanched with cardboard in fall. It is then used raw in salads or steamed. Large silver spiny leaves produce purple thistle-like flowers that reach 6 ft. tall. Pollinators love this perennial. Heirloom from the Grosjean family in Chêne-Bougeries, Switzerland. From Pro Specie Rara, the Swiss seed saving organization.

CAULIFLOWER packet contains 100 seeds

Leamington English Winter **SAP W**

Vigorous hardy plants produce large, potentially giant, tasty white heads in May after overwintering from a June or early July sowing. An old variety from Leamington Spa, England. Nearly extinct. Luckily it sprouted in '07 from a '92 seed packet of "Johnson's 'Long Life' Seeds", from Heritage Seed Library, UK.

CELERY packet contains 200 seeds

Hollow Pipe of Malines **SAP W**

Light green leaf celery great for soups. Grows to 18"; stems are also usable, but much smaller than those of stalk celery. This vigorous biennial leaf makes a great addition to the herb garden and contributes wonderful celery flavor without the stringy, fibrous stems. A Belgian heirloom from Malines (the French name for the town of Mechelen), from Belle Epoch Seed Company, Belgium.

CHARD packet contains 200 seeds

Joy Larkcom's Midnight F3 **SAP MF Mix**

Initially selected by Joy Larkcom from a Bulls Blood beet for having larger chard-type leaves. Possibly crossed with a perpetual spinach type. Most plants have leaves that are incredibly deep dark burgundy, some with bright yellow-orange midribs. Only in its third generation, there is some more variability that could be selected out. Classic chard flavor, good tolerance to cold and wet conditions. Given to us by Joy Larkcom on our 2007 Seed Ambassadors Trip.

Bietola a Costa Fine **SAP MF Mix**

White stemmed chard with green leaf. Young leaves have no oxalic acid flavor at all - the sweetest chard we have ever tried. Older leaves have more standard chard flavor. After overwintering, in the spring of the second season, the roots traditionally were processed into sugar. From Agricoltori Custodi, Tuscany, Italy.

CHICORY & RADICCHIO packet contains 200 seeds

Orchidea Radicchio **SAP W Mix**

65 days. Semi open rosette shaped heads with some variation in red and green variegation, speckling and tones. Good bittersweet taste. Bitterness disappears when leaves are steeped in ice water for a few minutes. Good planted any time spring-fall. Very winter hardy and sweeter after frost. Pick as heads or as "cut-&-come-again" leaf. Mentioned by Joy Larkcom in her seminal book "Salads the Year

Round" (1980). Heritage type originating in Italy. Given to the Seed Ambassadors Project by Ingrid Matthes, of the German Seed Savers (VEN).

CORN packet contains 100 seeds

Mandan Parching Lavender

NEW for 2011 70-80 days. Aka. Mandan Red Clay. Short little 4' plants are extremely early to mature. Small ears are silvery lavender. Highly recommended by Carol Deppe for parching, which entails dry roasting on a skillet until the kernels crack/pop into something like corn nuts but better. Also good for flour.

Open Oak Polenta Party Mix **SAP OR**

NEW for 2011 90-100 days. Our main crop field corn that we grow for polenta/grits and flour. After grinding, we sift out the coarse polenta from the flour and we have two different staple foods from a single crop. A flinty dent type selected from a bulk crossed population of Wapsie Valley Dent, Vermont Flint and several unnamed varieties from a University of Wisconsin breeding project for nutrition. This is a very early selection and is purposefully variable. We hope to always improve it through selection each year. Selected for medium size early ears that range in color from yellow to orange and into the red tones. All single color ears, which is useful for zeroing in on the particular flavor of each color. High yielding with good fertility.

CUCUMBER packet contains 25 seeds

Mideast Peace **OR MF**

NEW for 2011. Middle Eastern/ Eastern Mediterranean type (bright green skin, smooth, mild flavor) cucumber with amazing sweet flavor, texture, productivity and appearance. I don't know why anyone grows the "American" type (dark green, bumpy, prone to bitterness) cukes anymore when there are delicious gems like these. Thin light-green skin is remarkably durable and tender. The 6-7" fruits can be picked small for pickling or sized up for salad or slicing. The production is early and prolific even in cool weather. One interesting trait of Middle Eastern types is that they keep very well and taste great even when the skin gets a little wrinkled. A selection developed by Alan Kapuler of Peace Seeds, Corvallis, Oregon.

EGGPLANT packet contains 25 seeds

Apple Green

60 days. Medium-small elongated oval globes are very early and an excellent choice for short season and northern gardens. This green variety is especially notable for having a tender skin and mild white flesh. The skin really is apple green. Developed with the US Department of Agriculture by the late Professor Elwyn Meader in 1964. Professor Meader developed many excellent open pollinated public domain varieties such as: tom thumb popcorn, sweet chocolate pepper and 60+ more. He also was a strong opponent of plant patenting.

Diamond **MF**

65-70 days. Excellent standard eggplant for high yield and quality in organic growing conditions. Nice elongated black globes are a little smaller than the hybrids but better suited for northern climates. Brought to this country by the Seed Savers Exchange from Ukraine in 1993. Fairly short plants set fruit in clusters and produce well in less than optimal conditions.

Early Black Egg

65 days. Just like the name suggests this eggplant is shaped like a black egg. Eggplant is so named because the first varieties introduced to Europe from Asia were the shape and size of eggs and probably white. More the size of a duck egg than a chicken egg, the relatively small size of this variety helps it mature earlier than almost any other eggplant. A Japanese heritage variety, it can be utilized in almost any way eggplants are cooked. Perfect size for slicing and making eggplant tempura. The plants are very ornamental and like many of the Asian eggplants, have a purple-green foliage with deep purple stems and veins. There are a few strains of this variety available in North America and our foundation seed came from Sandhill Preservation Center.

Little Fingers **MF**

60-70 days. These narrow and long Asian type eggplants have a shiny dark purple color. Can be used

when as small as a finger or when 6" or more. Very tender and moist with a great mild flavor. Usually fairly small in size, they can get quite large when given ample water and fertility. Pick before fruits lose their glossy shine for best quality. Very early to mature and easy to grow and save seed from. We highly recommend this variety for gardeners and commercial growers. Excellent used in stir fry, tempura, roasted and pickled.

Nong Ta Klong Pea SAP

90 days. We found this growing semi-wild in a village garden of Nong Ta Klong in Eastern Thailand in Feb. 2009. Used under-ripe, it is a crucial ingredient in many Thai dishes including green curry. Bitter and seedy, these pea eggplants pop when you bite them and with a mouthful of coconut curry, with the right amount of chili and fish sauce, taste buds go crazy. Early to flower and mature. Use when still green. Very ornamental and unique foliage. Harvest seeds when fruit turns orange with ripeness.

ENDIVE & ESCAROLE packet contains 200 seeds

Endive, Frizee De Meaux MF W Mix

NEW for 2011. Large headed triple cut frisée. Good for summer and autumn crops. Big self blanching hearts are more frost tolerant than lettuce. A French endive from Dominique Guillet of Kokopelli Seed in France. He is famous for saving French heritage vegetable seed and fighting restrictive EU seed laws.

Endive, Greek SAP MF W Mix

NEW for 2011. An excellent small headed Très Fine type frisée endive. Great for salad mixes and very hardy at least down to 25°F. We collected this variety at the 2007 Seedy Sunday Seed Swap in Brighton, England, one of the largest seed swaps in the world.

Endive, Pancanlieri a Costa Bianca MF W Mix

NEW for 2011. A vigorous Italian endive with large heads. The leaves are long and frilly edged with great flavor. Thick, crunchy, and juicy leaf stems is what this variety is about. We found it to perform great in the heat but its not as sweet. Heads can partially self blanch and tying them up makes for very white endive. In the fall and winter we enjoy it unblanched raw in salads. One of our favorite salad additions and very cold hardy.

Escarole, Cornetto Di Bordeaux W Mix

NEW for 2011. Light green bittersweet crunchy heading endive. Almost like sugarloaf chicory but with more wavy leaves, smaller size and a more escarole texture. Very succulent and delicious. One of my favorite foods especially in the early winter. Surprisingly hardy but it will not tolerate much below 20°F. From imported Italian seed. Also good for salad mix when small.

Escarole, Diva SAP MF W Mix

Broad leafed Batavian type endive. Large green loose leaf heads are a delicious addition to salad and are also good steamed. Mild even in summer heat. Diva's broad leaves are sugary sweet with a tiny hint of bitterness, imagine juicy sweet walnuts. Holds high quality through our harshest winters in Oregon. Originally from German Biodynamic seed company Bingenheimer Saatgut.

FAVA BEAN

Ianto's Return - will be back in 2012.

FLOWERS packet size variries

Calendula, Resina W Mix

60-70 days. Possibly the finest strain for medicinal use and highly productive too. The medium sized flowers have two rows of resin rich pedals and small centers. Plants may have either soft orange or bright yellow flowers. We love to sprinkle our salads with their aromatic edible petals. You can tell they are rich in soothing properties when your fingers get softened from touching them. Fairly hardy in our climate and they often overwinter to produce very early blooms in the spring and sometimes an occasional bloom will open in the dead of winter if given a good sheltered location. Often called Pot Marigold in England. Packet contains about 100 seeds.

Campanula, Dinner Bells OR Mix

NEW for 2011. A type of Canterbury Bells Campanula selected by Tim Peters in Riddle Oregon. Selected

for edible flowers which are large blue or white and pleasantly peppery. Good stuffed or whole in salad. Biennial. Packet contains 500 seeds.

Cosmos, Buddha's Hand SAP

NEW for 2011. *Cosmos sulphureus*. Mostly semidouble orange fiery blooms on short 2" plants that start flowering early. From a mysterious single plant with a hand written tag from an unknown source. Possibly pulled out of a dwarf bright lights mix. We love mystery and we love this flower. 60 seeds.

White Evening Primrose

Flowers are white and look similar to the standard evening primrose, but plants are more low growing and only reach about 2 feet tall. Three- to four-inch blossoms open in the late afternoon and attract incredible nighttime pollinators – we had a moth the size of a humming bird come every evening to visit these flowers. Produces flowers June through frost, with new blooms opening every day. Plants grow well in drier conditions – do not over-water this perennial. Packet contains 100 seeds.

Marigold, Exquisite SAP OR

NEW for 2011. *Tagetes patula*. Attractive single blooms that are mostly yellow. Selected by Nick Routledge out of a Kapuler marigold mix. Different than other marigolds. We have heard from several marigold haters (Yes they do exist), that they like this one. Fairly short when in full sun. Given a little shade and extra fertility they can grow fairly tall. Packet contains 60 seeds.

Marigold, Frances' Choice OR

NEW for 2011. *Tagetes patula*. Bred by Alan Kapuler of Peace Seeds. Picked by Late horticulturalist Frances Hoffman as a favorite. Tall 4' plants have long flower stems. Our favorite Marigold for cut flowers. Unique single petaled flowers are red with a gold ring. 60 seeds.

Marigold, Ildkongen OR

NEW for 2011. *Tagetes patula*. Danish heirloom with the name "Fire King". Single petaled red flowers that can change color throughout the year. Simple yet captivating. Given to us by Frøsamlerne, the danish seed saving association. Packet contains 60 seeds.

Marigold, Red Metamorph OR

NEW for 2011. *Tagetes patula*. Another variety bred by Alan Kapuler of Peace Seeds in Oregon. 2-3' bushy shrubs covered with mostly red flowers that change color throughout the season in relation to temperatures. Uniquely wonderful. Sometimes gaining a partly pinwheel pattern. 60 seed packet.

Marigold, Rivers Turn SAP OR

NEW for 2011. *Tagetes erecta*. Various "African" marigolds not from Africa but from Mexico. A selection we made and have been growing for more than 5 years pulled out of mixed material being grown at Rivers Turn Farm, Coburg Oregon. Mostly strange shapes of orange petals single and double. Perfect for stringing and drying. Many Years in Oregon. Packet contains 60 seeds.

Mexican Sunflower

NEW for 2011. *Tithonia rotundifolia*. A great summer bloomer with bright orange flowers that attract butterflies and thrives on neglect. Turn into bushes by the end of summer. This strain lacks the dwarf nature and muted colors of the newer varieties torch and aztec sun. We prefer it and are always impressed by its colors. Summer plant that loves the heat. Packet contains 60 seeds.

Poppy, Little Poppy Mix

NEW for 2011. *Papaver rhoeas*. A mix of reds and pinks which bloom tons of small flowers compared to the few large blooms of *papaver somniferum*. We found this mix growing Semi-wild at Horton Road Organics in Blachley, Oregon in 2004. Growing in the herb garden outside the Barn. Now I cannot imagine a farm without them. Known as a possibly intentional weed in grain field in Europe. 400 seeds.

Poppy, Purple English Frilly SAP

Papaver somniferum. Compact plants are the vehicles for lots of bright purple and super frilly poppies. The unique non-extreme frilliness provides a fairly open flower that bees and other beneficial insects love to visit. Collected by the Seed Ambassadors Project at the giant seed swap 'Seedy Sunday' in Brighton, UK. Packet contains 400 seeds.

Poppy, *Somniferum*

Papaver somniferum. Giant red and pink blooms. This beautiful easy to grow poppy is the strain commonly used for medicinal purposes. Adapted to our growing region it seems to be very hardy. Try sowing in the fall for an early season flowering. Packet contains 400 seeds.

HERBS _____ packet size varies

Cilantro, Standby

OR W

Very hardy and slow bolting. Excellent for sowing in the late fall for winter leaf harvest or early yield of seeds the following year. Not as aromatic leaf as Santo but good. The seeds have an excellent strong lime-like flavor. From Peters Seed and Research, bred by Tim Peters. Packet contains 200 seeds.

Dill, Tetra

SAP MF

NEW for 2011. A tetraploid dill great for leaf production as it is slower to go to seed and produces lots of leaves perfect for bunching and sending to market. We love it in pickles and also in borscht soup. Sourced originally from the German biodynamic seed company Bingenhiemer Saatgut. Packet contains 200 seeds.

Mint, Korean Licorice

W

Agastache rugosa. Very delightful aromatic leaves for tea with a minty licorice flavor. One of my favorite herbs for tea, second only to wild yerba buena. The beautiful blue spikes of flowers can grow to 8 inches long and provide excellent forage for beneficial insects. Blooms over a long period and especially well late in the season. Leaves are best harvested before flowering. We like them best fresh, but dried leaves are also good. Throughout the growing season it can be harvested like basil by coppicing the young stems for continuous re-growth and cutting. Packet Contains 200 seeds.

Parsley, Einfache Schnitt 3

SAP MF W

Translates as "Easy Cut" from the German. Very flavorful and hardy. Dark green flat leaves are held upright for easy cutting and rot resistance. Looks great and healthy even in the dead of winter. From Bingenheimer Saatgut, the German biodynamic seed company. Packet contains 150 seeds.

Tobacco, San Juan Pueblo

NEW for 2011. *Nicotiana rustica*. A traditional native New Mexico variety grown in secluded patches by San Juan Pueblo elders. Shorter plants with rounded leaves and yellow cup-like flowers. Often collected, dried, and powdered. Some use it straight for ceremony and others have used it added to more moist commercial tobaccos. The *Nicotiana rustica* species is a very potent species of tobacco. The high concentration of nicotine (up to 9%) in its leaves makes it useful for creating organic pesticides. Nicotine is very toxic, be careful. Packet contains 200 seeds

Tobacco, Shirazi

Nicotiana tabacum. This rare Iranian tobacco grows about 4 or 5 feet tall and produces lovely white flowers with lavender-pink blush. Said to be a good, full-flavored smoke and also good for a home-made garden insecticide, though we haven't tried either use. Packet contains 200 seeds.

KALE _____ packet contains 250 seeds

Baltic Red

SAP W

Brassica oleracea. An heirloom variety originating in the Baltic states (Estonia, Latvia and Lithuania). The whole plant is deep purple red. Sturdy 2 ft tall plants have medium sized finely curled leaves. Yields are good and the plant is very hardy. Turns dark green when cooked. Given to the Seed Ambassadors Project by Søren Holt of Frøsamlerne (the Danish seed saving organization). Originally from small heirloom seed company Runåbergs Frøer in Sweden.

Extremist Agreements

OR SAP W Mix

B. napus. A crossed up, diverse genepool mix of *napus* kales: Red Ursa, White Russian, Dwarf Siberian and Delaway. We took a tip from the plant breeders and have taken all the extremists and put them in a room together in order to see what kind of agreements they come up with. It seems they came to some pretty centrist agreements, as there is not as much radical diversity in this line as we expected – for eye-popping diversity, go with The Kale Coalition. There are some new and exciting rearrangements of traits, some and nothing but tasty hardy kale. High genetic diversity creates some

of the highest vigor we have seen in kales – definitely worth a try for kale fans everywhere.

Gulag Stars

OR W

B. napus with *B. rapa* crosses. Incredible diversity unlike anything else. A mix of *napus* kales that have been crossed with *B. rapa*. Bud pollinated by Tim Peters in Oregon to bypass species incompatibility mechanisms. Crazy diversity of colors and shapes, mostly kale-like traits and good flavor. Individuals seem to self-pollinate well so selecting new varieties from the mix is easy.

Madeley

SAP W

New for 2011. *B. oleracea*. An extremely vigorous flat leaf green heirloom kale from the UK. Hardy, tender and sweet. This kale outgrew every other kale we planted in the summer of 2010. Justin Huhn, of Mano Farm in Ojai, CA, writes, "Madeley really is the star...just producing a ridiculous amount of food ... Madeley Kale is the backbone of our CSA." Related to Thousand Headed Kale. Plentiful sprouting "kale raab" in the spring to fill the hunger gap. Given to the Seed Ambassadors Project by The Heritage Seed Library, UK. Seed lot grown by Janina Kerr-Bryant in Sandy, OR.

Pentland Brig – will be back in 2012

Russian Frills

OR SAP W Mix

B. napus. An extremely frilly red Russian kale type. Appears to have frills upon frills on frills. Bred by Tim Peters in Oregon. Commercially lost here, but we found it in Belgium with Seedsman Peter Bauwens.

Russian Hunger Gap

SAP MF W Mix

B. napus. Red Russian type with broader leaves, lighter red coloring and more jagged leaf edge. The most vigorous of 6 *napus* kales we grew in 2010. Looked very healthy all winter. As the name suggests, bolting in the spring is many weeks later than other kales, filling the hunger gap of May with excellent kale raab. Very hardy and extremely rare. This kale is praised by Carol Deppe in her new book, *The Resilient Gardener*. From Heritage Seed Library, UK.

Sutherland Kale

SAP W

B. oleracea. Unique flat-leaved green kale from Sutherland, in northern Scotland. A true heirloom "Scotch Kale" that is nearly extinct. Many growth tips with medium sized tender sweet leaves on 3 ft tall plants. Very hardy and resists the worst maritime winter weather from freezing sleet and cold to 70 mph winds. Makes the sweetest kale raab in the spring through the hunger gap, even sweeter than collard raab, many growth tips means lots of raab. Sourced from Real Seeds in Wales, who got it from 93 year old Elizabeth Woolcombe. She got it from Angus Simmonds about 50 years ago, a man doing kale research at Edinburgh University.

The Kale Coalition

OR SAP W

B. oleracea. A diverse genepool mix of 17 *oleracea* kales and their crosses. Nick Routledge tried the 17 kales collected on our 2007 Seed Ambassadors trip and this is what happened the next spring. This Grex contains a lot of very interesting diversity of kales not available in the US, NOT just curly green kales. A combination of Hoj Amager Grunkohl (DK), Madeley (UK), Westphalian (UK), Westland Winter (UK), Westländer Winter (DE), Asparagus Kale (IR, UK), 1,000 Headed Kale (DE), Roter Krauskohl (DE), Altmarker Braun (DE), Baltic Red (SE), Blonde Butter of Jalhay (BE), Butterkohl (DE), Nicki's Cut'N'Come Again (IE), Shetland (UK), Hellerbutter Kohl (CH), Cavolo Nero di Toscana (IT), and Ostfriesische Palm (CH). The resulting mix of hybrids contains the most incredibly vigorous kales we have ever seen – some plants grew four feet tall in eight inches of potting soil on top of some serious hardpan topsoil, and not an aphid to be seen when the neighboring Red Russian Kales were hit hard.

Western Front - will be back in 2012.

LEEKs

_____ packet contains 200 seeds

Liège Giant Green Winter

SAP MF W

Large hardy winter leek with dark blue-green leaves. Some plants have purple hue to leaves during cold weather. An old heritage variety from Liège (Luik in Flemish) a province of eastern Belgium. Variety given to the Seed Ambassadors Project in 2007 by Belle Epoch Seed Company, Belgium.

Mechelen Blue Green Winter**SAP MF W**

A selection of the heirloom Blue Green Winter, selected for over 15 years in Mechelen for winter hardiness down to -10F. Thick giant leeks are very highly regarded in Belgium and are an important winter food. Variety given to SAP by a Biodynamic seed grower in Mechelen, Belgium.

Pancho**MF**

NEW for 2011. Excellent quick maturing summer leek. Blue green color with beautiful broad leaves. These leeks are known in England for their speed, as they can be sown in March and harvested in August. A great variety for organic farmers and nearly lost from the trade when hybrid leek seed arrived. It is just as good if not better than the hybrids in every way. The only reason for hybrid leeks is the money that the corporation can make by charging more for the seed. Not a traditional winter leek but it can overwinter fine in our part of Oregon.

Verdonnet**SAP MF W**

A Swiss landrace variety of winter leek that has been improved by a Swiss farmer/breeder. Large, dark green, tasty leeks that stand all winter and into the spring. Variety given to SAP by the Irish Seed Savers Association.

LETTUCE / Head

packet contains 200 seeds

Briweri**SAP MF W**

Light green butterhead, bred for greenhouse and cold frame forcing in winter and spring. Excellent variety developed by the German biodynamic seed company, Bingenheimer Saatgut.

Carmona**MF**

NEW for 2011. Big red and green butterheads. Savoyed and vibrant color. Likes high fertility for best production, with heads that are heavy and attractive. A choice market variety for organic growers. Disease resistant and a great "filler of boxes." Temporarily lost from the seed trade and brought back by Frank Morton of Wild Garden Seeds.

Cindy**SAP MF**

Large light green butterhead. Tender texture and bolt resistant, this excellent variety outperformed every other lettuce we tried in 2009. European commercial variety dropped from the EU Common Catalog. Saved and given to us by Christina Henatsch, a biodynamic plant breeder in Germany.

Mikola**MF**

NEW for 2011. 50 days. A medium sized red butterhead that stood out as one of our best varieties of 2010. Easy to grow and tolerant of summer heat. Great color, overall appearance and succulent texture.

Montel**SAP W**

NEW for 2011. Overwintering greenhouse type green butter head. English variety that is a bit mysterious to us in its origin. But it grows like a rocket. Quick to size up and quick to bolt. Sow in succession and keep an eye on these speed demons. We found it to be great as an early head lettuce in the spring and it would be great planted over winter in an open ended hoop house to keep the rain off. It is so fast, even in the cold, that it probably can out grow any of those slow damp molds, mildews, and slugs. The only English source, Tuckers Seeds, says to plant it from October-April.

Northern Queen**SAP W**

Beautiful big light green butterhead. Cold and damp weather tolerant, bolts quick in the heat after making a medium-sized head. Originally sold by Finney's of Northumberland, UK pre-1950. From Heritage Seed Library, UK.

Rolando**SAP MF**

Shiny green butterhead. Large lightly savoyed heads are resistant to powdery mildew and LMV. Thrives with low fertility, good for spring or fall planting. Excellent variety developed by the German biodynamic seed company Bingenheimer Saatgut.

Unicum**SAP**

NEW for 2011. Light green glowing summer crisp head with pink speckles. Very slow to bolt and handles the heat well. Unicum is the name of Hungary's famous herbal digestif liqueur and maybe the

name means "Unique", as both the drink and the lettuce are very unique. We received our original seed via the Occidental Arts and Ecology Center (OEAC) down in California. Originating in Hungary.

LETTUCE / Leaf

packet contains 200 seeds

Carnival**SAP W Mix**

A fantastic odd oakleaf type similar to canary tongue but with nice red coloration. Heads are large and have good flavor. We love this lettuce for heads and for salad mixes. Variety given to SAP by Heritage Seed Library, UK.

Devil's Ear (Ear of the Devil)**W Mix**

Massive heads with deer tongue shaped leaves. Green leaves with lots of red tone throughout and crunchy midribs. Very slow to bolt and heat tolerant.

Fire Mountain**MF W Mix**

NEW for 2011. 58 days for large heads. Very large headed deep red oak leaf lettuce. Vigor and flavor make this one an excellent cut and come again salad leaf producer. Stays sweet in the heat and when large. We sourced our original seed from Turtle Tree, one of our favorite seed companies.

Hyper Red Ruffled Waved**OR MF W Mix**

NEW for 2011. Unconventional red leaf lettuce is very red and very ruffled. It kinda looks like Bloomsdale spinach, but deep dark red and lettuce. Great for salad mixes and as a head lettuce. Very hardy and the red color is partly responsible. The antioxidant anthocyanin causes the color and also fights the diseases of cold wet weather. Good resistance to Sclerotinia and downy mildew, which are two common lettuce diseases for seed growers in Oregon. Developed by Frank Morton, a great independent public domain plant breeder, of Wild Garden Seeds in Philomath, OR.

Pinot**OR MF Mix**

NEW for 2011. A perfect baby leaf salad lettuce. Great dark red color. Great in cold damp weather as it is very downy mildew resistant. Selected from Merlot lettuce by Frank Morton of Wild Garden Seed. Bound to be an Oregon-bred classic.

Red-tinged Winter**MF W**

NEW for 2011. Beautiful for any time of the year. Red and green looseleaf similar in shape to red sails, but with only a tinge of red on green. Cold weather tolerant, held up well into the summer and bolted late. All around great lettuce. We sourced our original seed from Turtle Tree, one of our favorite seed companies.

Strela Green

NEW for 2011. Giant pointy headed green leaf lettuces. Very unique and hard to describe. Some light tipburn but otherwise an positively intimidating and beautiful truly awesome lettuce. Good flavor. Collected by Mary Schultz.

Verte Grasse**SAP**

Striking butter cos type. Rosetted heads are a shiny bright green with some red coloring are a bit hard to describe. A French variety from Ferme de Sante Marthe, given to SAP in 2007.

White Seeded Samara**SAP W Mix**

Apple green leaf lettuce tinged with pink. Our best winter lettuce in 2010. Flavor and texture is great and it stands cold wet weather very well. A little like a butterhead but with more open heads. Best as a spring or fall lettuce and may even survive deep into the winter. Probably originates near Samara, a major Russian city on the Volga River. Our original source was from the Heritage Seed Library, UK.

Yu Mai Tsai Sword Leaf**Mix**

NEW for 2011. Big vigorous heads of loose pointy green sword shaped leaves. Crunchy and good flavor. Heat resistant. Used in China and Taiwan. Leaves can get to 18" tall, but retain a good shape for salad mix – just cut the top portion of the leaves and the shape is perfect.

LETTUCE / Romaine

packet contains 200 seeds

Brown Goldring - Will be back in 2012.

Bunyards Matchless

SAP W Mix

Large, open heads are dark green with some bronze tint. Crunchy with distinctive nutty flavor. This English Heirloom is both cold and heat-tolerant. Given to SAP by Heritage Seed library, UK.

D'Hiver de Sante Marthe

SAP W Mix

Crunchy green leaves tinged with bronze. Cold tolerant romaine, fairly slow to bolt, from Ferme De St. Marthe, a small French organic seed company, given to SAP in 2007.

George Richardson

SAP W

Light green semi-closed head romaine, slight bronze tint, slow to bolt. English heirloom given to SAP by Heritage Seed Library, UK.

Greek Maroulli Cos

SAP MF W Mix

A solid medium sized bright green romaine lettuce, crunchy leaves form tall heads. Originating in Greece where many "Cos" types have originated. Given to SAP by the Heritage Seed Library, UK.

Kalura

MF W Mix

NEW for 2011. 57 days. Very big light green romaine heads. Good heat and cold tolerance with a crunchy sweet flavor. Once popular commercial variety until it was dropped out of the catalogs. It still performs excellently.

Little Gem Pearl

MF

NEW for 2011. Selection of Little Gem, Royal Horticultural Society awarded. Great flavor. Possibly the best for sweet flavor. Picked when small with twice the planting Density Originally from England.

Red Flamingo

MF W Mix

NEW for 2011. Open headed frilly red romaine with tender leaves perfect for salad mix. A unique lettuce variety from China that translates perfectly to Pacific Northwest salad production. Our original seed was sourced from Peace Seeds in Corvallis Oregon. The flavor is very good and surprisingly cold tolerant in our 2010 winter lettuce trial. We picked this for a mid december salad mix order and the quality was good after 3" of snow and temps. down to 25°F, with only floating row cover for protection.

Soulie

SAP

Beautiful butter cos type with dark green rounded leaves that form a nice rosette. English heirloom, given to SAP by Heritage Seed Library, UK.

Stoke - Will be back in 2012.

Turkish Cagirkan Coy

SAP

Long light green romaine leaf, fast to bolt, sweet when young and mildly bitter when mature. Produces many side shoots = more leaves and stems per plant. Good for celtuce stem production and apparently a precursor to more modern cultivars. This semi-wild lettuce though by some to be one of the biblical bitter greens. Collected in a remote Turkish village called Cagirkan Coy by John Lets, a grower of ancient grains in the UK.

Winter Density - We love it so it will be back in 2012.

MELON / MUSK

packet contains 25 seeds

Farthest North Melon Mix

OR

65 days. A diverse genepool mix of ultra early, cool weather tolerant melons. Small, single-serving (baseball) size melons vary in color as well as texture and flavor. The earliest short-season variety we have found. Ripens outdoors in Denmark! Developed by Tim Peters of Peters Seed and Research.

Sweet Freckles

OR

NEW for 2011. Unavailable commercially for some time, we nearly lost this one altogether. But thanks to some very old seed from Tim Peters and a few seeds from Amy Goldman, this wonderful melon is saved. Unique and delightful sweet aromatic flavor with a smooth dense texture. Unique attractive appearance, which is pear-shaped and freckled. Vines are exceedingly vigorous and while the stem does not slip when ripe, the color changes from green to orange. Not the earliest melon but it managed to beat the cool Oregon summer of 2010. It would have performed even better with some

plastic mulch and longer time under row-cover. An early Crenshaw type with a more durable skin and slightly smaller size. Related to but not the same as Eel River or Crane melon. Bred by Tim Peters of Peters Seed and Research in Oregon. He recently told us that his wife only wants him to grow this melon because it tastes so much better than the rest.

MISC GRAINS

Packet contains 300 seeds.

If you are interested in purchasing larger quantities of any of these grains for food or for seed, visit our farm's website at www.openoakfarm.com

Millet, Auksés

SAP

Setaria italica. Foxtail millet (the type sold for bird food). Small seeds have yellow hulls. Very easy to grow, but tight hulls must be removed before humans can eat it. Variety given to SAP by Lithuanian Ministry of Agriculture, Dotnuva, Lithuania.

Millet, Hell's Canyon

NEW for 2011. Finger Millet. Beautiful dense fingery heads are a reddish brown. Purple streaked green leaves and stalks. Tolerated a cooler than average Oregon summer. Very productive and easy to hand harvest. From Don Kluever who gardens in Hell's Canyon of Snake River, via a Seed Saver's Exchange member in Idaho.

Millet, Juosvés

SAP

Panicum miliaceum. Proso Millet. Good for those with gluten allergies if you can hull it. Large seeds have red-orange hulls. Drought tolerant and easy to grow. Variety given to SAP by Lithuanian Ministry of Agriculture, Dotnuva, Lithuania.

Millet, Rudes

SAP

NEW for 2011. *Panicum miliaceum*. Proso Millet. Red-Brown hulled, large seeds, easy to grow but must be hulled prior to eating. Needs little or no water. Variety given to SAP by Lithuanian Ministry of Agriculture, Dotnuva, Lithuania.

Millet, Rudukes

SAP

NEW for 2011. *Setaria italica*. Foxtail millet. Small seed with red-orange hulls, easy to grow, hull prior to eating. Drought resistant. Sourced from the Lithuanian Ministry of Agriculture, Dotnuva, Lithuania.

Poppy, Elka White

Papaver somniferum. Breadseed type. Easy to grow pale pink flowers with purple smudges. Produces mass quantities of sweet nutty flavored white seeds that make an excellent paste/meal when ground like a nut butter. Giant seed pods (1.5" x 2") are sealed and do not self seed. Originally from Chrenovec in central Slovakia.

Spelt, Belorussian

SAP

NEW for 2011. Good tall spelt, Hardy and originating in Belarus. Hull is difficult to remove. Given to the Seed Ambassadors Project by a Farmer in Lithuania in 2006.

Sunflower, Hungarian Black Seeded

- Will be back in 2012.

Triticale, Douglas

OR

NEW for 2011. Good, tall winter triticale, may be named after Douglas County where it was bred by Tim Peters of Peters Seed and Research. Not as easy to thresh as "Pika" (see below), but shows some perennial re-growth with plants spaced out well.

Triticale, Pearls

OR SAP

NEW for 2011. Winter type. Medium tall plants, seeds are white and very flavorful. Selected by Tim Peters from some material out of Brazil.

Triticale, Pika

NEW for 2011. A reliable winter triticale that has been grown widely and performed well under a wide range of conditions. Released in 1990 by Alberta Agriculture, Food and Rural Development. Large awned heads, plant grow to 5' tall and the kernels are large and orange. Very winter hardy and easily can yield 100 bu/acre or more. Highly recommended by Tim Peters.

MISC GREENS

packets size varies

Cleome gynandra - Phak Sian**SAP**

NEW for 2011. Aka. Spiderwisp or Cat's Whiskers. We found this interesting spiderflower (Cleome sp.) growing in the kitchen gardens of Ban Noong Ta Klong a small village we visited in Isaan, Thailand in 2009. Young stems, leaves and flowers are salt brine pickled and used as a vegetable with nam prik for meat or soups. This tasty product is called *pak sian dong*. The leaves are also used as a pot herb throughout tropical Asia and sub-Saharan Africa where it is native. It is a very nutritious vegetable high in vitamins minerals and protein. According to Bioversity International it may be a good animal forage and the seeds may be a good source for edible oil and animal feed. In a world of climate change it may become a future food for other areas of the globe including ours. 200 seeds.

Epazote, PSR Perennial

- Will be back in 2012.

Vegetable Mallow, aka. Malva Crispa

NEW for 2011. *Malva verticillata* var. *crispa*. Big mild flavored curly edged green leaves used for salad when young, better when lightly cooked. Good digestive aid. One of the first domesticated crops in Asia over 2,500 years ago. Very productive and mildly frost resistant. May self-seed. 200 seeds.

Plantain, Buck's Horn**MF Mix W**

Plantago coronopus. A cultivated species related to the common edible garden weed. Buck's Horn Plantain has a tender crispness with a wonderful nutty flavor and succulent texture. A traditional European green, it is one of the few plants that survives the harshest winter weather here in western Oregon. Plants are perennial and re-grow after cutting. Collected from SAP from an Italian seed company. Packet contains 500 seeds.

Purslane, Munich**SAP MF Mix**

NEW for 2011. A Summer salad green with great texture and heat tolerance. Not the weedy relative, this one grows tall and sets seed late. It also has much better flavor compared to wild purslane. High in omega 3 fatty acids, it adds a citrusy tang to summer salads. Its character seems to be somewhere in between the common golden and tall green types. This rare variety was given to us by Pro Specie Rara the Swiss seed preservation organization. Packet contains 250 seeds.

Scuplit, Silene Inflata**Mix W**

NEW for 2011. *Silene Inflata*. Perennial herb native to Europe. Great for salad year round as it is very hardy. Also good cooked in risotto and omelets. Used throughout Italy as a slightly aromatic flavor a little like arugula, or chicory, but milder with an herbal note. Very easy to grow. 200 seeds.

Texsel Greens**SAP MF Mix W**

Brassica caranata. A selection of Abyssinian mustard. Excellent flavor with some garlic overtones. Andrew's favorite salad green especially in winter, though Sarah likes it more for braising. Dark green, oval leaves with slightly irregular edge average 4" - 7" long. May size up enough for bunching, but does not get as big as other *B. caranata*. From Madeline McKeever of Brown Envelope Seeds, Ireland. Possibly developed in the Netherlands. Species originating in Ethiopia. 200 seeds.

Transylvanian Sorrel**SAP MF Mix W**

A variety of garden sorrel with nice long strap-shaped leaves. Good color and flavor all winter. Needs water in the summer to keep growing. Collected by the Seed Ambassadors from a Hungarian man at the farmers' market in Cluj, Romania on our 2008 trip to Transylvania. 200 seeds.

MISC ROOTS

packet size varies

Burdock, Okinawa Long**SAP W**

Originating in Okinawa, an island south of mainland Japan. The people of Okinawa are known for their long lives and health, which burdock may play a part. Often cooked in soups or pickled, it is known for its healing properties and high vitamin content. Beautiful Flowers. Given to the Seed Ambassadors project in 2006 by the proprietors of Urtegartneriet, a small Danish biodynamic seed company. Packet contains 200 seeds.

Scorzonera, Hoffmann's Schwarze Pfahl**Mix W**

Scorzonera hispanica. Aka Black Salsify. This root vegetable has black skin and mild-flavored white

flesh. Leaves provide reliable winter greens, and flowers in the second year are edible. Hoffman's is known for good size, shape, consistency and flavor. From German seed company Bingenheimer. Packet contains 150 seeds.

MUSTARDS Brassica juncea

packet contains 250 seeds

Dragon Tongue / Ho Mi Z**OR MF Mix W**

NEW for 2011. Hands down the most beautiful red mustard for salad mix. The leaf color is green and purple and hard to describe. Very slow to bolt in spring it has the perfect balance of sweet and spicy flavors. Bred by Frank Morton of Wild Garden Seeds in Philomath, OR and renamed Dragon Tongue by Eleanor O'Brien of Persephone Farm in Lebanon, OR. It is Frank's favorite fall mustard and Andrew's favorite spring mustard. Selected from a cross between Horned and Miike mustards. Sizes up enough to be used in stir-fry.

Green In Snow**SAP W Mix**

Also known by its Chinese name Shi-Li-Hon. This is our favorite winter salad green. It grows vigorously for us throughout the winter, bouncing back easily after our lows of 8°F. Very hot when raw, the heat all but disappears when cooked and leaves you with a good balanced mustardy flavor. Excellent pickled, simply by packing in a jar with some salt.

Oak Fire**OR MF W Mix**

A mix of excellent flavored oak shaped red and purple leaves with good moderate heat. Great for salad or bunching greens. Bred by Tim Peters of Peters Seed & Research for more cold hardiness and disease resistance than other red mustards.

Pizzo**MF W Mix**

Light green extra curly salad leaf, mild when baby and very hot when larger. Winter hardy. Seed originally sourced from CN Seeds in England.

Spicy Curls**OR MF Mix**

A very diverse and strikingly beautiful mix of curly and wavy mostly red and purple leaves with good moderate heat. Great for salad or bunching greens. A favorite of ours for winter cooked greens, the heat vanishes once cooked and the rich flavor remains. Bred by Tim Peters of Peters Seed & Research for more cold hardiness and disease resistance than other mustards.

MUSTARDS Brassica rapa

packet contains 250 seeds

Maruba Santoh**Mix W**

35 days. Small open headed Chinese cabbage type *B. rapa* that heads up very quickly. Leaves have a bright light green vivid color and thick white ribs. Makes excellent salad green or kimchi, also good braised, stir fried and in soups.

Mizuna**MF Mix W**

A must-have for salad mixes, this mild mustard green grows vigorously year-round in our area, and also cooks up nicely.

Napa Cabbage, Nozaki Early**MF W**

NEW for 2011. 60 days. Super early tall napa cabbage heads are very juicy and perfect for kimchi and stir frying. 2 - 5 lb heads are best covered with row cover to prevent all the other animals in the world from eating them. As Sarah likes to say, "everybody likes to eat napa cabbage, especially the bugs." Best sown in early spring or late summer. 65% of our late September plant-out headed up in January.

OATS

packet contains 150 seeds

Black**SAP**

Hulled oat from a Biodynamic farm in the UK. Very ornamental dark brown almost black hull. If left in the field too long the sun bleaches the blackness to a light brown. Oats are tasty when hull is removed, and rolled for breakfast.

Cayuse Oats**OR**

NEW for 2011. A popular hulled white oat in the Pacific Northwest. Very productive and great for carbon production, cover cropping or feeding to animals. They also would be great human food if you can figure out how to hull them. Tolerant of very marginal and wet soil. Best planted in the spring.

ONION packet contains 100 seeds

Gold Princess

NEW for 2011. A very early maturing small globe onion from Italy. Gold Princess is commonly picked small for pickling and is also great for full size gold skinned onions that store fairly well. This one's history is a mystery to us. Seed lot grown in Gary Rondeau's garden in Eugene, OR.

Karmen SAP MF

NEW for 2011. One of the best open pollinated red onions available. Medium early and uniform. Red skin with good red color through the bulb layers. Known as a good storage type and we have seen this to be certainly true. Medium sweet flavor. A Czech commercial variety we sourced originally from an Hungarian Seed packet. A favorite throughout Central and Eastern Europe. Seed lot selected by us, isolated in Marcia and Jerry's garden in Lebanon, OR.

Maria Nagy's Transylvanian Red Onion SAP

A landrace storage red onion variety from a region of Transylvania that is famous for its storage onion production. Onions measure 2-4 inches across, produce even with low fertility and water inputs, and store well through the following spring. Maria Nagy is one of the few subsistence farmers in Romania that still saves all of her own seeds, which she generously shared with us in our 2008 visit to Romania. She brought this onion as her contribution to the annual Turda Fest Agricultural Festival to place Turda in the Guinness Book of World Records for World's Longest Onion Braid, which measured 5,800 meters in 2008.

Newburg Onion OR MF

NEW for 2011. Simply the best open pollinated copper-skinned yellow storage onion and one of the best of Dr. Alan Kapuler's dehybridized gems. Selected from a commercial hybrid storage onion, possibly "Copra", it was reselected under and for organic production. The tightly wrapped, spherical bulbs are known for their excellent storage life, crisp texture and medium hot rich flavor. It has been named after the town of Newburg Oregon. We have heard that Newburg has out yielded the hybrids when trailed under organic conditions and it is always a strong producer for us.

PARSNIP packet contains 200 seeds

Halblange Wiese SE SAP MF

Good half-long variety with bright white skin. Selected by the German biodynamic seed Company, Bingenheimer Saatgut. Seed lot grown by our friend Gary Rondeau in Eugene, OR. Check out his excellent garden blog at <http://squashpractice.wordpress.com>.

Kral Russian SAP

Heirloom Russian variety with a beet shaped bulbous root makes for easier harvest and is very unique for a parsnip. Not very white skin. Seed given to SAP by Heritage Seed Library, UK.

White Spear SAP MF

One of the last highly selected OP parsnips available in this age of hybrids. Vigorous plants produce giant perfect roots up to 4 feet long with most of the mass in the top 12 inches. Could be considered a half long type. A popular variety in Germany. Classic parsnip bred by English seed company Tozers.

PEAS Packet contains 30 seeds

Alaska - Shelling Pea

NEW for 2011. Extra early, short vine shelling pea. Also would be good as a dry pea. Dries down quickly. Bred for short season climates. The green peas are not super wrinkled. Sourced from a seed swap in Belgium.

Caruther's Purple Pod - Shelling Pea SAP

NEW for 2011. 4-6' tall vines, pink and purple flowers, purple pods contain sweet seed for fresh shelling or freezing. One of the best purple podded types we have grown. The purple pods are easy to find when picking. An heirloom grown by the Caruthers family in Co. Down, Northern Ireland for almost 40 years. Given to the Seed Ambassadors Project by the Heritage Seed Library, UK.

Green Beauty - Snow Pea OR MF

NEW for 2011. We were tired of short bushy snow peas, so when we found this gem from Peace Seeds

we got very excited. Bicolor purple flowers on tall vigorous vines to 8'. The green snow pea pods can grow to 7 in. and some have a pink blush, bred by Peace Seeds.

Magnolia Blossom - Green Sugar Snap OR MF

NEW for 2011. One of our favorites for flavor and productivity. Productive 8' vines yield light green sweet pods with a purple stripe down the side. Also has beautiful bi-color flowers and are rather cold hardy. Bred by Peace Seeds in Corvallis, Oregon.

Opal Creek - Golden Sugar Snap OR

NEW for 2011. One of the best flavored peas we have grown. We like them best when the pods are plump. 5' + vines need tall support. Yield heavy for an extended pod harvest. Foliar color and flavor make it excellent for pea shoots. Very unique, should be in every PNW garden. Bred by Peace Seeds.

Parsley Pea - Shelling Pea SAP

NEW for 2011. Green seeded shelling type without regular tendrils, but with frilly leaflet-covered hyper tendrils, which are good eaten raw when very small and steamed when full size. Very unique. The source of some of the traits found in the new Kapuler (Peace Seeds) peas. Short 16" vines do not need support. The shelled peas are sweet and firm when cooked.

Pioneer - Shelling Pea OR

NEW for 2011. 2 ft. tall plants are very productive and the peas are sweet. I suspect this is the same as Oregon Pioneer and probably developed at OSU but I am not sure. A great pea for our area. Pick when pods are fat but have not lost their bright green color. Enation resistant.

Sugar Magnolia - Purple Sugar Snap OR

NEW for 2011. After more than 15 years of breeding work Alan Kapuler has developed the first purple podded sugar snap. Beautiful purple pods, beautiful flowers. Good sweet flavor, and awesome 8' + tall vines. Produces over a long season. Bred by Peace Seeds in Corvallis, Oregon.

Sugaree - Sugar Snap OR MF

NEW for 2011. Great public domain selection by Peace Seeds. This one with Opal Creek and Sugar Magnolia are like Jack Bruce, Ginger Baker and Eric Clapton. Each indispensable in the trio. Tall (up to 10 ft), productive and delicious. We like to eat them when extra plump. Bred by Kusra Kapuler of Peace Seeds.

PEPPER / HOT packet contains 25 seeds

Chimayo MF

NEW for 2011. Famous New Mexico Chile from the farming town of Chimayo in Northern New Mexico which is at 5,900 ft elevation. Mildly hot 3-5" long fruit are probably the earliest chili to ripen to red. Thin skinned and easy to dry. It is hard to say, but it is in the running for best tasting chili powder. Since it is not too hot, you can use it in large quantities and achieve flavor nirvana, not heat nirvana.

Chinese Dragon Tongue SAP

Long red cayenne type hot pepper that accords near the stem for a greatly wrinkled appearance. Peppers are good for ornamental use and good for flavor, too. Tall, very productive and early; pale green plants benefit from a tomato cage. Originating in China, variety given to SAP by Ulla Grall, Biosaatgut, Germany.

Csilla Hungarian Hot SAP

NEW for 2011. Another great Hungarian pepper. Whiter than other wax types and bigger. Hard to describe and great to eat. Our original seed came from a Hungarian commercial seed packet.

Gabi Hot Wax SAP MF

Yellow-lime colored peppers ripen to orange then dark red. The mildest of all of our hot peppers, but still pretty hot. 50% - 80% larger than typical Hungarian Hot Wax peppers. Extremely productive, even in cool, outdoor conditions. One of our favorite peppers. Seed collected by SAP from a Hungarian commercial seed company.

Ho Chi Minh MF

Extremely productive beautiful yellow hot pepper. 1/2" across at the top, tapering to a point, about

three inches long. Common in SE Asian cooking, sliced fresh into soups and curries and also used as a condiment. Dries into a copper-bronze color. Did we mention this pepper is productive? Originating in Vietnam, thanks to Fedco in Maine for making this one accessible. Great for ristras.

Maria Nagy Hot SAP MF

Short strong plants produce large cayenne type red hot peppers. Early bearing and ripening. Dries easily into spicy paprika. Heirloom from Maria Nagy, a seed saver we met near Turda, Transylvania, during our 2008 Seed Ambassadors trip to Romania. Great for ristras. The favorite pepper of our friend Harry MacCormack who has been farming for 30+ years at Sunbow Farm in Corvallis, OR.

Santo Domingo

An excellent early maturing New Mexico type drying chili, 3-5" long red with medium thin walls. Medium heat level. Originally from Santo Domingo Pueblo in northern NM at 5,200'. Our original seed was sourced from Native Seed/SEARCH '07.

Szentesi Cherry SAP

NEW for 2011. Hot round red cherry shaped fruit, 1 in. wide. Great for pickling. Collected by SAP in 2008 from a Hungarian seed Company.

Szegedi 179 Paprika SAP

Hot pepper for making spicy paprika powder. Dries very easily, somewhat slender 4" long red fruit are three to four times fatter than a cayenne with blunt tips. Originally from an Hungarian seed company.

PEPPER / SWEET packet contains 25 seeds

Bácskai Fehér SAP

Richly flavored Hungarian sweet pepper for fresh eating. Attractive, large conical fruit with a curled tip. White waxy color ripens to bright orange then red. One of the most productive Hungarian sweet peppers we have grown. Another gem originally sourced from a Hungarian seed packet.

Liebesapfel SAP

We love this "love apple." Red pepper with sweet thick flesh. Very early and productive. Deeply lobed, flattened sheepsnose type pimento. Developed by a small seed company in Germany. Matures outside without any plastic in Denmark. From Søren Holt of Frøsamlerne (the Danish seed savers).

Pointy Kaibi #1 SAP

Excellent early maturing sweet pepper. One of Andrew's favorites. Heirloom from Bulgaria. Given to Real Seeds by Mitko Antonov whose family in central Bulgaria has been growing it for generations. Variety given to SAP by Real Seeds, Wales.

Shepherd's Ramshorn MF

Large, elongated and blocky, sweet red Italian frying type pepper. Seed sourced originally from Spain and reselected in Italy. Reputed to be one of the sweetest peppers. A little bit later than Coronado di Toro, but more productive, even outside in cool Oregon summers.

RADISH packet contains 150 seeds

Blauer Herbst Und Winter SAP W

Storage radish with bright violet skin. Mild radish flavor is good raw or cooked. Uncommon here but a favorite winter staple in Germany. Keeps well in the root cellar or in the field all winter here in Oregon (as long as the mice don't find them). Sow in mid summer for harvest fall through winter. Elongated conical roots are 3 in. wide and 6-8 in. long. Seed collected by SAP from the Swiss Biodynamic seed company Sativa Rheinau.

Round Black Winter W

Similar to "Round Black Spanish." The classic German winter radish: Solid dense round ball with black skin and white flesh. Mild flavor, good winter storage root. Sow in July for harvest through March. Original seed sourced from German Biodynamic Seed Company Bingenheimer.

Snake Radish SAP

Distinctly different variety from "Rat's Tail," with thinner, longer pods. Grown for young seed pod, not the root. Incredibly beautiful and productive 3 1/2' tall plants produce fleshy pods with classic radish flavor. Profuse flowers can be lavender or white, with pods green or purple. Wonderful insectary

plant and also good as an annual "edible ornamental." SAP variety sourced from Peter Bauwens, Belgium.

RUTABAGAS, The Next Big Thing packet contains 250 seeds

Angela SAP W MF

Attractive, medium to large sized, perfectly round rutabaga with purple tops and golden flesh. Classic English selection. From Seedy Sunday seed swap in Machynlleth, Wales in 2007. Originally from Kings Seed, UK.

Major Dunne SAP W MF

Nice purple top rutabaga with bulbous roots just at or above the soil surface. This trait makes it a very nematode resistant variety. Can attain gigantic size and retain quality. This was our best rutabaga variety in fall of 2010 for root maggot resistance size, and overall quality, out of 13 varieties. A once standard commercial variety from Northern Ireland originating in Scotland. Introduced in 1959. Now dropped from the European seed trade. Probably named in honor of an early flying machine pioneer before WWI, Major John William Dunne. May also be known as Doon Major. Variety given to SAP by the Irish Seed Savers.

Nadmorska SAP W

Large swedes are green topped with golden flesh. Uniform, large, round, vigorous and early maturing with very little neck. From a seed packet in a garden store in Lithuania, obtained during our 2007 Seed Ambassadors Europe trip.

SPINACH packet contains 200 seeds

Guntmadingen Winter SAP W Mix

Very unique Swiss heirloom winter spinach with heavily cut, nearly serrated, oak-leaf shaped leaves. Light green plants form multiple crowns with many smallish leaves. Very winter hardy, but requires fertility to avoid yellowing. Beware: seeds are very *spiny* like the original wild *spinaches*. From Pro Specie Rara, the Swiss seed preservation organization.

Matador SAP W MF Mix

NEW for 2011. Medium-large, smooth green leaves are perfect for salad mix and easy to clean. Good choice for season-long rotations. Thrives especially well in the summer and fall. Cold hardy and fairly slow to bolt, though not as slow as Space F1, or as cold hardy as Verdil. Very popular OP spinach throughout Europe. We went to Denmark looking for spinach and this is what we came back with.

Verdil - Will be back in 2012.

SQUASH / MAXIMA packet contains 25 seeds

Oregon Homestead Sweet Meat OR MF

Beautiful blue squash on huge vigorous vines. Three to four fruits per plant weigh ten to twenty pounds each and store through May. Selected for vigor, large seeds for vigorous cool soil emergence, a small seed cavity, and premium flavor by Carol Deppe, who originally received it from an old-time seed saver in Oregon.

TOMATILLO packet contains 50 seeds

Plaza Latina Giant Green SAP MF

80 days. 3-4 inch wide green fruits on super tall plants that benefit from support. Seed originally saved from imported Mexican fruit purchased at the Plaza Latina Market in Eugene, OR in 2005. Much higher culinary value than the smaller yellowish varieties. We think this is the only tomatillo worth growing.

TOMATO / Cherry & Grape packet contains 30 seeds

Auld Sod SAP

Det. Small bushy plants produce grape shaped, red fruits that are firm walled but juicy with some tang. Large early yields and some blight resistance. Irish heirloom that grows well outdoors there and in Oregon. Variety given to SAP by the Irish Seed Savers Association.

Columbianum Wildform SAP

65-70 days. Indet. Massive tresses of medium small red cherry fruits. Good flavor and ability to hold on

the plant. Originating in Columbia. Variety given to SAP by Gerhard Bohl, Germany.

Dark Orange Muscat SAP

60-70 days. Indet. Unique dark orange cherry that is green inside with brownish shoulders. Sweet fruity flavor. Variety given to SAP by Brown Envelope Seeds, Ireland.

Estonian Yellow Cherry SAP

65-70 days. Indet. Multi-flora type with up to 100 fruits in a cluster. Small round yellow fruits with pointy ends and good sweet intense flavor. Early, decorative, cold tolerant plants. Fruits hold their quality through late fall when others split and rot and hold well off the vine. Collected from an elderly Russian lady at the covered market outside of Tallinn, Estonia. Given to the Seed Ambassadors Project by Lila Towle of Frøsamlerne (the Danish seed saving organization).

Galina Cherry MF

60 days. Indet. Potato leaf. Bright yellow cherry with unique, perfectly balanced sweet and tart flavor that we never get tired of. Yields early and heavily all season long. Does well in cool weather conditions and in the heat. Keeps very well off the vine. When picked ripe, this tomato kept for 2 months piled in a tray in our living room and still tasted good (don't ask, we don't know why). It is a better keeper than Longkeeper! Our favorite cherry by far. Originating in Siberia. Sourced from and highly recommended by Real Seeds in Wales, when we visited them in 2007.

Gobstopper SAP MF

Indet. Early yellow cherry with green inside peeking through the skin slightly. Fruity and sweet, de-hybridized sungold with a unique outcome. Bred by and from Madeline McKeever of Brown Envelope Seeds, Ireland.

Harvest Luck SAP MF

50-60 days. Indet. Bright red, round classic cherry tomato fruits. "Ernteglück" in German. Long forked tresses with up to 30 fruits. One of our favorites with perfectly balanced sweet flavor. German Origin. Given to the Seed Ambassadors Project by Gerhard Bohl, Germany.

Humboldtii Wild Pink SAP

50 days. Indet. Small wild cherry tomato, pink skin. Very tart, may be similar to a wild acidic pink type from Mexico. Strong flavor for some, but many people preferred it at our taste-off. Unique! Received from collector Gerhard Bohl, Germany.

Jagodka

60-65 days. Det. Name means "Little Berry" in Russian. Little bushes similar to "Tumbling Tom" in habit, suitable for container culture. Covered in little red grape shaped cherries. Good red tomato flavor and cold weather tolerant. Originally from Russia. Collected by SAP at a seed swap in Belgium.

Marisol Gold Cherry SAP MF

Indet. Rich yellow-orange color with a slight blush of red. Large size for a cherry. Sweet, fruity flavor. Fair split resistance on productive plants. Collected by SAP from a seed swap in Eugene, OR.

Millefleur SAP

60 days. Indet. Small oblong yellow flavorful cherry tomato. Huge tresses of 50 + flowers. Variety received from Peter Bauwens, De Nieuwe Tuin, Belgium.

Polen SAP

60 days. Indet. Small golden pear shaped fruit have good mild sweet flavor. Large yields late into the year. Originally from a Polish gene bank. Variety given to SAP by the Irish Seed Savers Association.

Sunshine Cherry OR MF

Indet. Small yellow cherry, high yields, good flavor. Great for market farmers. This tomato, along with *Galina*, is all a farm could ever need in a yellow cherry. Sunshine does it right. Originally from Peters Seed and Research.

Teardrop Red Grape SAP MF

60-65 days. Indet. An excellent "red grape" type tomato with early teardrop shape shiny red fruits. Holds quality very well, is high yielding and fairly split resistant. We collected this variety from a Seed Saver in Denmark in 2007. Possibly selected from an English commercial hybrid of the same name.

Wheatley's Frost Resistant

60 days. Indet. Tart-sweet pink grape shaped fruit. Huge yields on big plants. Cool weather tolerant, but not actually frost resistant. An American heirloom. Given to SAP by Gerhard Bohl, Germany.

Whippersnapper

NEW for 2011. 60 days. Small plants with little pink cherry tomatoes are early and perfect for container growing. We received this variety from a seed saver in England.

Yellow Centiflor OR

Indeterminate bushes. 70 Days. Medium large cherry tomato, a little like Millefleur with larger more flavorful fruits. Massive clusters of 50 or more ripe fruit at a time that hold well on the plant. A sister line of red centiflor, with tresses of 100-200 flowers; the best fruit set has been 88 fruit in 1 cluster. Bred by Dr. Alan Kapuler from a cross made by his daughter Kusra of *L. humboldtii* (not the same as *Humboldtii* wild pink), with a super tress gene.

Zuckertraube SAP MF

Indet. Red cherry tomato with balanced sweet tart flavor, high yielding and very tall vines. Variety collected by SAP from Bingenheimer Saatgut AG, German Biodynamic seed company.

TOMATO / Orange & Yellow packet contains 30 seeds

Amber SAP

NEW for 2011. Det. 55 – 60 days. This was one of our earliest and tastiest tomatoes in 2010, which was for many gardeners in our area, "the year of late bland tomatoes." Very compact and early plants. Yellow gold globes were plentiful early, I only wish they would have yielded longer. Dwarf enough for container culture. Russian origin.

Aranyalma SAP

60-70 days. Indet. Large cherry sized yellow ball shaped fruit. Juicy sweet and citrusy flavor. Name means "gold apple" in Hungarian. Probably from Hungary but some sources claim it is from Germany (1955) or Russia. Given to Seed Ambassadors Project by The Heritage Seed Library, UK.

Auriga SAP

70 days. Indet. Bright orange globes 20-35g. Juicy, fruity and tart flavor similar to but not the same as the fruity sweet flavor of Sungold, I like it better. Large eyelash like calyx is quite attractive. Heavy yielding and fair split resistance. Holds well on and off the plant. Given to SAP. by Ingrid Matthes, of the German Seed Savers (VEN).

Golden Bison MF

NEW for 2011. Det. bushes grow fairly tall but manageable. I like this kind of old school determinate. medium sized globes are golden-yellow with occasional orange blush on the bottom and green blush on the top. Great flavor. Bred in North Dakota by A. F. Yeager 1932. Great variety for the Pacific Northwest.

Golden Swedish Beef

Bushy Indet. Big round bright yellow meaty fruits. Early and high yielding. Originating in Sweden. From Lila Towle of Frøsamlerne, the Danish Seed Savers.

Morden Yellow SAP

55 Days. Det. Huge early yields of attractive medium sized yellow fruit. Fruit are slightly flat and turn golden orange-yellow when very ripe. Good rich flavor for a yellow. Developed in 1932 at the research station in Morden, Canada from a cross of 'bestal' and 'round smooth,' both red parents.

Native Sun OR MF

50-65 days. Det. Possibly the largest super early yellow tomato. Flavorful 6-8 oz lemon yellow fruit. As early as the sub-arctics with much more flavor and better size. Multiple concentrated yields on healthy bushes. Crack resistant and blemish free. Bred by Tim Peters of Peters Seed and Research.

Orange King OR MF

NEW for 2011. 65 days. Det. bushes are easy to cage. One of the best producers of early 8 oz. Meaty orange globes. Blemish free and durable. Good for market and it has great sweet fruity flavor. Bred by Tim Peters. There are a few varieties with this name, this is from Peters Seed and Research.

Scotland Yellow

70 days. Indet. Productive, 2-3 oz. round golden yellow fruits with good sweet and tangy flavor. Fruit remain fairly firm when fully ripe and keep well. From Heritage Seed Library UK, originally from Scotland.

Sungella

60-70 days. Indet. 1 1/2" - 2" wide sweet orange globes with deliciously sweet flesh. Very productive and cold tolerant. Bigger and much more split resistant than Sungold. This is one of only a few varieties still producing high quality fruit for us (from the greenhouse) in the first week of November. A Sungold dehybridization, originally offered by Thomson and Morgan UK, bred by one of their customers.

TOMATO / Paste & Plum

packet contains 30 seeds

Azure

NEW for 2011. Determinate vines produce an early yield of blocky dense red paste or canning type fruit. Commercial variety originating in Russia. Our original source was from the old Abundant Life before the fire which burned up much of their collection. A very good reason for more people to save seed.

Baylor Paste**MF**

75 days. Vigorous Indet. Out-produced all other pastes in our greenhouse in 2009. Blemish free, elongated egg-shaped fruits. Seemingly hundreds of 2-3 inch meaty fruits. When the rest in the greenhouse had succumbed to mold late in the season, the Baylor Paste was still rockin'. Also produced well outside, but not as much. No blossom end rot as is common with other pastes.

De Berao Braun**SAP**

Indet. Excellent maroon-brown color with a little green on the shoulders. Fat plum shape, good for sauce. Russian variety named after the hats Russian cavalry once wore. Possibly the same as 'De Barao Black'. Given to the SAP by Gerhard Bohl, Germany.

Fakel**SAP**

70-75 days. Vigorous det. Deep red 2.5", slightly elongated round fruits with exceptional sweet flavor. Juicy and thick walled fruit are good for processing and for fresh use. Detaches from plant without calyx and is extremely prolific even in cool conditions. Russian variety, first taken to Oregon by Kate Gessert from Moscow, who was a leader of horticultural tours of the Soviet Union and author of *The Beautiful Food Garden*. It then found its way to the Heritage Seed Library in the UK and is now back in Oregon.

Iraqi Heart**SAP**

80 days. Indet. Pink fruit are shaped like an oxheart or more like the Amish paste. Very meaty and rich flavor. Great for cooking and slicing. Yields heavy fairly late in the season; likes the heat. Possibly brought to the UK by a military officer after WW2. Received as "Irakische Herzformige" from collector Gerhard Bohl, Germany.

Lämpchen**SAP**

70 Days. Indet. Thick walled yellow paste type that is also good eaten fresh. Similar to De Berao types. Disease resistant. Holds quality late into season. Variety given to SAP by Gerhard Bohl, Germany.

Napoli Roma**MF**

NEW for 2011. 70 days. Determinate. Small plants produce large quantities of medium small roma plum shaped red fruits with a point. Great for processing into sauce or canning peeled whole. Flavor is good enough to eat raw in salsas and salads. For us they were resistant to Blossom end rot, fusarium wilt and cracking. With their great yield and flavor this is one of our best pastes.

Quadro**SAP**

Indet. Vigorous and late blight resistant, grown outdoors in Germany. Good medium-sized paste tomato and multi-use. Blocky, almost cubic shape, probably why it is named quadro. Collected by SAP from Bingenheimer Saatgut AG, German Biodynamic seed company.

Red Rock**MF**

70 - 80 days. Det. Medium-sized plants. Smooth, thick-walled 3oz. red globes that are crack and disease resistant (VW, FW). Jointless for mechanical harvest. Paste type, holds well on and off the plant and travels well. Quickly makes a thick sauce and paste; one of our favorite processing tomatoes. Was a popular commercial processing variety in the 80's before hybrids became predominant.

Romalina**SAP**

Indet. Red paste tomatoes with tiny nipple on blossom end. Very prolific through the end of the season, vigorous plants. Collected by SAP at Seedy Sunday seed swap, Brighton, UK.

Ropreco**MF**

NEW for 2011. 65 days. Determinate. Productive early Heirloom Italian sauce tomato. 2-3" red fruit are plump and have a small point. Very good raw flavor compared to other paste tomatoes. A good variety for short season or cool summer locations. Can out yield "Roma" especially in cool summers. Good resistance to fusarium in 2010 and no blossom end rot at all.

Saucy**OR MF**

Det. 70 days. An early paste variety bred by OSU. Heavy producer of clusters of red plum shaped fruits. Resists blossom end rot, to which so many other sauce tomatoes are susceptible. Very reliable and early compared to the ubiquitous "Roma" variety.

Sibiriche Orange**SAP**

80-90 days. Indet. 3" tall, plump pear shaped paste tomatoes are even more delicious for fresh eating. A brilliant light orange color, incredibly sweet and fruity for a paste. Somewhat low yielding outside – greenhouse is recommended. Makes amazingly candy sweet orange tomato sauce. Fruits have very few seeds. From Gerhard Bohl, Germany and one of his favorites of the 3,000 tomatoes he grows.

Ukrainian Pear

80-90 days. Indet. 5' vines. 2" x 3" pink pear shaped fruits. Sweet mild flavor, keeps well, good for cooking. Collected by a Peace Corps volunteer from Yalta, Ukraine in 1995. Given to SAP by Gerhard Bohl, Germany.

Veepro**SAP**

70 days. Indeterminate bush. Produces slightly elongated blocky red plum/roma shaped uniform fruit. Excellent for sauce. Possibly developed by the experiment station in Simcoe, Ontario during the 1970's. Given to the SAP by the Heritage Seed Library, UK in 2007.

TOMATO / Pink

packet contains 30 seeds

Caspian Pink**MF**

80 days. Indet. You know, Caspian pink. One of the most productive big pink heirloom brandywine eclipsing tomatoes available. Good rich sweet taste and a good choice for a grower who wants to produce a lot of these big pink beauties. Originating in, I mean near, the Caspian sea. A standby variety, a little late here but it always comes through, especially in the greenhouse.

Gregory's Altai**MF**

NEW for 2011. Indet. Medium-to-large sized pink beefsteak tomato with long, eyelash-like calyx. Produces high quantities of slightly flattened globes with excellent flavor. 8-10 oz. fruit. From near the Altai Mountains in Novosibirsk, Siberia near the Russia/China border.

Katja**SAP MF**

55-60 days. Vigorous semi-det. Pink 3-5" slicer tomato, very early and reliable. Gorgeous and delicious. **This is our best tomato** ("objectively,") and one of our favorites (subjectively). Does very well even in cool, shady gardens. Ripened a tasty 1+lb. fruit (and many smaller fruits) outside at Corvus Landing Farm, in Neskowin on the Oregon Coast in the summer of 2010, "the year of no ripe tomatoes" for many gardeners. Originates in Sludjanka at the shores of lake Bajkal in Siberia, where it is grown outdoors. It is not clear whether it was developed by Katarina Konovna Sviatova (Katja) herself, or if it is an old Russian commercial variety. Received from Søren Holt of Frøsamlerne (Danish seed savers) who received it from the Sviatova family in Siberia.

Rose De Berne (MF)

75-80 days. Indet. High yields of pink, round, blemish free, 6-10 oz fruits with thin skin. Eat this juicy, delicious fruit promptly after harvesting. In many ways Rose de Berne is the Brandywine of continental Europe, as there are many strains and it is considered the most famous and flavorful tomato by many in France, Germany and Switzerland. Pinker color and richer flavor than other strains found in Europe. Slightly later, bigger size and more pink than Berner Rose. Originates in Bern Switzerland. Strain from Ferme De St. Marthe, France. Given to S.A.P. by Ulla Grall, Biosaatgut, Germany.

Sarah Purple (SAP)

70 days. Indet. Early very round medium sized pink fruit. Excellent, juicy, and flavorful. Thin skin is blemish free but doesn't keep well. A little like Rose De Bern. From Gerhard Bohl, Germany.

Tiffen Mennonite

80 days. Indet. Large meaty heirloom tomatoes are not easy to grow in the PNW and even harder to flavor up. This one is a classic brandywine type that gets sweet without the heat. We stopped growing all brandywine strains a few years ago because they seemed to taste like water. This made us sad because we have had some amazing specimens in hotter climates. With Tiffen we are no longer sad. It is prettier looking and has won a few Oregon tomato taste-offs (I am not making this part up).

TOMATO – Red packet contains 30 seeds

Ararat Flame (SAP)

Indet. bush. "Ararat Geflammte" in German. Very attractive. Heavy cropper of deep red flattened medium sized fruit all through season. Great rich tomato flavor. One of our favorites. Originating via Debrecen, Hungary and possibly from Armenia near Mount Ararat. From Gerhard Bohl, Germany, who says that "it grows at the foot of the mountain."

Aurora (MF)

Det. Small bushy plants. Large early yields. Large red, slightly flattened juicy flavorful fruits, excellent cooking tomato despite its slicing nature. Named after the Aurora Borealis in Siberia where it originates. Germinates well at cool temperatures and grows well in cool outdoor conditions. Given to SAP by the Irish Seed Savers Association.

Best of Bonn (SAP)

Indet. "Bonner Beste" in German. Two inch round, red fruit. Clusters of 7-9 with good old-fashioned rich tomato flavor. Heirloom from Bonn, Germany. Offered commercially in the US pre-1991. Collected by the Seed Ambassadors Project from Gerhard Bohl, Germany.

Cyril's Choice (SAP)

50-60 days. Det. Dwarf, rugose regular leafed plants are early and productive for such small vines. Good for container gardening, although a bit taller than Gundula (see below). Strong red colored fruits. An English family heirloom, kept alive by D. Rankilor, who's brother Cyril grew it on his allotment before he died. Given to the SAP by the Heritage Seed Library, UK.

Deutsche Fleiss (SAP)

Indet. Potato leaf. "German Diligence." One of our highest yielding varieties in '09. Huge amounts of 1.5-2" perfect ball-shaped fruit form on clusters of 7-8 fruits. Red and juicy with good tart tomato flavor. Good storing ability both on and off the plant. From Gerhard Bohl, Germany.

Forest Fire (OR MF)

45-50 days. Det. Extra early tomato with attractive 2"-3" red fruit. Firm and split resistant. The highest quality early tomato we have grown. Bred by Tim Peters, Peters Seed and Research.

Giant of Siebenburgen (SAP)

80 Days. Indet. Big red oxheart fruit with tender skin. Lots of food, best broiled or cooked into soup or sauce. Too much for one person to eat at once. Late but high yields. Did we mention this tomato is huge? Originating in Siebenburgen, the seven medieval cities established by the ethnic German Saxons in Transylvania, Romania. Siebenburgen is not synonymous with Transylvania but is part of its cultural makeup. Given to the Seed Ambassadors Project by Gerhard Bohl, Germany.

Glory of Mechelen (SAP MF)

Indet. Early and excellent fruits are juicy with good flavor. Plants produce clusters of medium-sized round red fruits. Belgian heirloom market tomato from the 1930's. Sourced from Belle Epoque, Belgium.

Gundula (SAP)

60 days. Det. Dwarf, rugose, regular leafed plants produce medium sized meaty red fruit early in the season and prolifically. Good for container gardening, as plants only get to 18" – 24" at maturity. Given to the Seed Ambassadors Project by Gerhard Bohl, Germany.

Harzfeuer (SAP)

Indet. "Resin Fire" in German. Abundant yields of round red medium-sized 6 – 10 oz. fruit. Slightly acidic well-balanced flavor, juicy. Ulla Grall received this heirloom from an old woman in the former East Germany, a favorite there in dacha gardens before reunification. Thought to be lost for many years. Given to SAP by Ulla Grall, Biosaatgut, Germany.

Marmande (MF)

60-65 days. Indet. bushes. 4-6 oz flat, lightly ribbed, red fruits produced in clusters. Good firmness and flavor perfect for small market farms. Good cooked and sliced fresh. Very good yields outdoors and even in cool summer areas. Traditional variety from the south of France. A favorite of commercial growers in France in the 1940-50's. Still very popular in gardens in France and England. FW1 and VW resistant. Possibly developed by Vilmorin seed Co. in 1897, though its heritage is shadowy and there are many strains and reselections. From Seedy Sunday seed swap 2007, Brighton, UK.

Oldendorf Red (SAP MF)

Another excellent European tomato with a strange name. "Oldenrot" is medium early with plants that grow tall and are loaded with perfect round, brilliant red fruits that are 3-4 oz (90 - 120 g). The firm flavorful fruit keep well once picked, so they are an excellent salad tomato choice for market farmers. Very productive outdoors, it was bred specifically for trellised greenhouse production in Oldendorf, Germany by Ulrike Behrendt. A breeding project supported by Kultursaat, a German foundation dedicated to developing Biodynamic seed varieties. Sourced originally from the German Biodynamic seed company Bingenhiemer Saatgut in 2006 during our first Seed Ambassadors trip.

Petrillo (SAP)

70-80 days. Indet. Red ruffled 3-4 inch fruit. Productive Costoluto Genovese type. Good flavor. From Puerto Rico. From USDA GRIN.

Piroka (SAP MF)

Indet. Red globes, great flavored fruit. Perfect for greenhouses. From Bingenheimer Saatgut AG, German Biodynamic seed company.

Potentate (MF)

75 days. Semi-determinate-Indeterminate. Perfect 2-3" red globes with a sweet mild flavor and high yield. Nice acidic flavor. Popular in New Zealand. From Danish Seed Savers (Frøsamlerne).

Pusztakolosz (SAP)

80-85 days. Indet. Large 5-6" wide 16-24 oz beefsteak fruit. Plants are very vigorous in the heat and very leafy thick growth. From Cluj, in Transylvania. Many Hungarians live in Romania and the name Kolosz is the Hungarian name for Cluj. Puszt means prairie. Good thing Andrew looked that up because Sarah thought the name just meant "Pretty Colossal." We saw this type still grown by some subsistence farmers in Transylvania. Many old timers told us they wish they still grew this type because modern types have taken their place in markets, and the modern types don't taste good. Given to S.A.P. by Gerhard Bohl, Germany.

Salt Spring Sunrise

65-70 Days. Det. Red globe-shaped fruits. 4-6 oz, thick walled, meaty, and fair crack resistance. Good flavor. Excellent cooking and slicing tomato. Developed by the late J. James of Salt Spring Island British Columbia. From Heritage Seed Library, UK.

Santiam (OR MF)

Det. 60 days. Our favorite early tomato variety released by OSU. Can set fruit without pollination –

which means earlier fruiting and some seedless fruits! 2-3 inch globes with good flavor. The third in the three rivers series of early determinate tomatoes released by OSU (with Siletz and Willamette).

Serrewonder

SAP MF

60-65 days. Indet. Medium sized red globes held in large clusters. One of our favorites. Rich excellent flavor, keeps well on and off the vine. Meaty enough for cooking and tender enough for fresh eating. Also known as Miracle of Serre. A Belgian heirloom from at least 1925. Listed in 1929 Hollandse Zaadhandel catalog of Mechelen, Belgium. Possibly named after the Serre River, a tributary of the Oise River in France. Given to the Seed Ambassadors Project by Belle-Epoque Seeds, Belgium.

Siletz

OR MF

65 days. Det. Vigorous plants produce 3-4 inch fruits early in the season. The second in the three rivers series of early determinate tomatoes released by OSU (with Santiam and Willamette).

Spring King

OR

60 - 70 days. Det. Processing type. Very nice variety. Calyx stays with the plant, not the fruit. Large red globes that are slightly oblate. Good leaf cover, no sun scalding. Bred by Tim Peters of Peters Seed and Research, formerly of Myrtle Creek, OR.

Uralskiy Ranniy

NEW for 2011. 50 days. Super early dwarf plant. Great tomato with juicy good flavor. "Early from Ural", Russian commercial variety. This was our earliest tomato in 2010.

TOMATO / OTHER COLORS

packet contains 30 seeds

Darby Red and Yellow

SAP

Indet. Medium sized red fruit with yellow tiger stripes. Excellent flavor, vigorous growth and high yields. Fairly early. One of the best of this type, it won our tomato tasting in 2008. Developed by Dr. Lewis Darby of the Glasshouse Crops Research Institute in Littlehampton UK in the 1960's. Given to SAP by Lila Towle of Frøsamlerne.

Egg from Phuket

SAP

Indet. Produces loads of white-pink small eggs on rampant vines. Early. Flavor is good for a Thai tomato, being a little tart and not pasty bland. Most Thai tomatoes are for cooking in stir fries, curries and for Thai salad, therefore have been selected differently than Western tomatoes. Will hold shape when cut in half and stir fried. Rather unique from other tomatoes. Collected in Thailand by Ulla Grall.

Grüne von Helarios

SAP

75-80 Days. Indet. Good yield of 4-6 oz green-yellow flat ruffled fruit with good sweet aromatic flavor. There is a pinkish form and possibly other strains, this one is truly green. From Arche Noah, Austria via Gerhard Bohl, Germany.

Lila Sari

MF

NEW for 2011. 70 days. Indet. productive medium large slicer with dark purple-brown chocolate color. much better than cherokee purple. Tastes great with a rich flavor even in cool summers. One of our favorites.

Mavritanskite

SAP

Indet. Big beefsteak fruits colored dark orange red with some illusive purpleness, tops are greenish brown. Striking unique colors. Excellent rich flavor. This is a really great tomato. Latvian Heirloom from Madeline McKeever of Brown Envelope Seeds, Ireland.

Sarah Black

MF

70-80 Days. Indet. "Schwarze Sarah" in German. Sturdy 6' vines, good yield of 3-4" flattened globes. 8-12 oz fruits are purple-black-maroon with green shoulders with slight cracking on the top. Flavor is excellent, being possibly the best black-purple-maroon tomato. Rich deep flavor, some sweetness and smokiness and extra complex flavors. German Heirloom, from Gerhard Bohl, Germany.

Sokolades

SAP

Indet. Potato leaf. Large almost beefsteak type, brown-red fruit with rich flavor. Delicious Latvian heirloom, Given to the Seed Ambassadors Project by the Irish Seed Savers Association.

Vintage Wine

MF

80 days. Indet. Potato leaf. Pink skin and yellow tiger stripes with voluptuous, slightly lobed, 6 – 10 oz., flattened globe shaped fruit. Good sweet crisp flavor and very productive. Thick enough skin for market farmers, yet still tender. Very eye-catching and popular at markets. Holds its quality well off the vine, better than other "heirloom" types. Originally one of the breeding lines of Tom Wagner's "Brandy Stripe," it was renamed and introduced to the seed trade by K. Sahin, Zaden B.V., Netherlands, in 1998.

TOMATO - Currant

packet contains 30 seeds

Orange Currant

SAP

Indet. Similar to other currant tomatoes but with good orange color and very split resistant. Skin is thick with lots of seeds, but flavor is excellent, fruity and sweet. Holds quality for a long time both on and off the plant. Very productive tall non-shattering vines. From Gerhard Bohl, Germany.

TURNIP

packet contains 200 seeds

Six Root Grex

OR

Interbreeding mix of cultivars that adapts to local conditions. Excellent culinary quality, especially when peeled. Use roots and tops. Very vigorous. Contains some types more on the "wild" side. From Alan Kapuler via Nick Routledge.

Aprovecho Hardy Select

OR SAP

NEW for 2011. 5% or less surviving turnips from a population of Alan Kapuler's Six Root Grex in which 95% died from a hard 8°F Frost at Aprovecho Research Center in Cottage Grove, OR, in December 2009. The diversity of root types has been reduced but the result is some strong hardy turnips.

WATERMELON

packet contains 25 seeds

Bozeman Watermelon

SAP

NEW for 2011. 70-80 days. Light green skinned watermelon with some speckles. Oblong slightly pear shaped fruit are large (10 - 30 lbs.) for such an early melon. Ripened well in our cool Oregon summer. Similar maturity to other early watermelons like Blacktail Mountain and Early Moonbeam. It is hard to grow good watermelons in the Pacific Northwest, so it is good to have another variety that likes it here. Good flavor and good keeper for a month or two with few seeds and pink red flesh. Bred by Ken Fisher of Fisher's Seed of Belgrade, MT.

WHEAT

packet contains 200 seeds

If you are interested in purchasing larger quantities of any of these grains for food or for seed, visit our farm's website at www.openoakfarm.com.

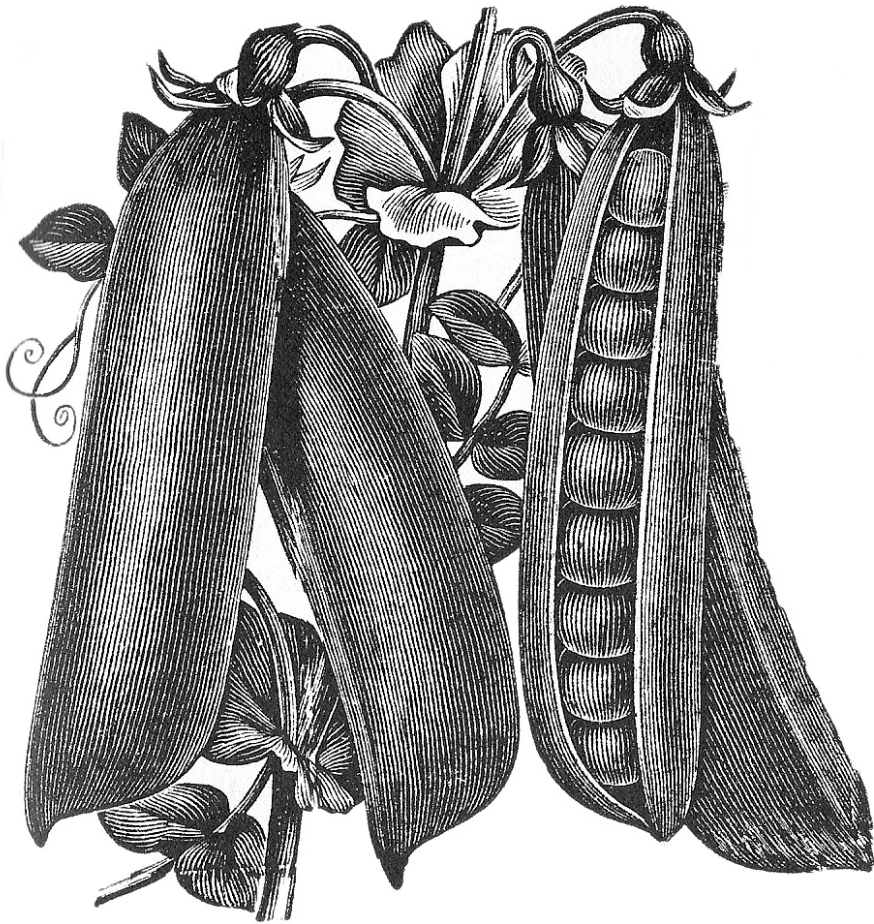
Federation

NEW for 2011. A semi-hard red-brown bread wheat, bred by William James Farrer in Australia 1901. Named after the year of Australian federation. It became very popular after his death in 1909 and according to the Australian Powerhouse Museum was the most widely grown wheat in Australia until 1925. It is hardy enough to be planted as a winter wheat but is best as a spring wheat where temps can go below 10°F. We had 1/2 the plants die when it got down to 8°F last Dec. A drought resistant early maturing wheat. It was bred to be rust resistant, however only because it was early enough to beat the humid summer in Australia. It is humid here in Oregon in the spring, so it is susceptible to rust under damp high fertility conditions. Overall it is a good wheat.

Maris Wigeon

NEW for 2011. Winter type. Moderately tall bread wheat that has a semi-hard golden orange grain. Even though it lacks the high protein of modern reds it is a great variety for making bread. Very productive for us and tall enough to organically choke out the weeds. For the past 30 years it was used in Europe for traditional roof thatching, as it was the only legally available non-dwarf variety in the European common catalog. A little short for thatching, but it has been the best available. Awnless heads bend over and shed rain well. 3-4' tall for us this year with low soil N. Can grow to 5' in rich garden soil. Very good grain yield in 2010. Developed in 1964 by the Plant Breeding Institute, Cambridge, England.

Develop your seed saving skills with one or all
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Breed Your Own Vegetable Varieties: The Gardener's and Farmer's Guide to Plant Breeding and Seed Saving. By Carol Deppe - \$25.00

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A Guide to Seed Saving, Seed Stewardship & Seed Sovereignty
By The Seed Ambassadors Project - \$4.00

Our small publication/zine on seed saving. Very straight forward and concise info on the main garden crop types. We have thrown in a lot of our experiences, tips and thoughts. 38 pages. PDF handout version is available for free at www.seedambassadors.org

