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62,09 Annual Catalogue, 1887

SEEDS, TREES and Nursery Stock

W. R. Strong & Co. Sacramento,
California.

To Our Customers and Friends.

WE are pleased to present you our new and improved CATALOGUE FOR 1887, which is much enlarged from our previous editions. We thank you for past patronage and friendship, and shall in the future as in the past use our best efforts to furnish you with the PUREST, the FRESHEST and the BEST SEEDS, and at the lowest possible rates at which the same qualities can be furnished here or in any part of the United States.

We are also giving increased attention to BULBS and PLANTS, of which we have a larger and more general variety than ever.

In our TREE AND GENERAL NURSERY DEPARTMENT we claim to have the *finest and best grown stock to be found on the Pacific Coast*. We have now over three hundred acres in cultivation near the city of Sacramento, and at Penryn, Placer county, all in cultivation for Nursery or Tree and Fruit Growth. Our stock is *clean, thrifty and well grown and true to name; free from all scale and insect pests* which have been making such ravages in various portions of our State and country. We know that in this department we excel. We cordially invite the public to visit our grounds and see for themselves.

We will deliver, *postage paid*, to any Postoffice in the United States, our VEGETABLE AND FLOWER SEEDS, ETC., in OUNCES OR PACKETS, at our Catalogue prices.

For VEGETABLE, GRASS AND AGRICULTURAL SEEDS, as quoted by the pound, 16 cents per pound, or at this rate for fractions thereof, must be remitted to cover postage. When ordered to be sent by freight, the cost thereof to be paid by the purchaser, but no charge will be made for boxes, bags, packing or drayage.

SEND MONEY WITH YOUR ORDERS.

This can be done at our risk, if forwarded according to directions, viz: In POST-OFFICE OR EXPRESS MONEY ORDERS OR POSTAL NOTES, money in REGISTERED LETTERS OR DRAFTS, on solvent banks of our larger cities, or in POSTAGE STAMPS for small amounts when the above cannot be procured. (Stamps should be kept from injury by dampness.)

ERRORS.—We use great care in filling orders, and mean to do more than we promise. Mistakes, however, will sometimes occur; if so, please to promptly notify us and we will make satisfactory corrections. Please retain copies of your orders for comparison.

We Guarantee the safe arrival of all packages, etc., and if they are injured or lost, we will cheerfully replace the same when so informed.

Orders sometimes fail to reach us, and if our customers do not receive their goods in a reasonable time, they must inform us and send a copy of their order. Then we can fill at once without further delay.

Our advantages for procuring the very best seeds of California growth, and from the best growers from the East and from Europe, are *unrivalled*.

In quality and price we are confident we can compete with any house on this Coast or in the East.

WARRANTY.—The success of any crop depends upon many contingencies beyond the control of seed growers and dealers, hence no regular seedsman warrants his seeds to grow and always produce perfect crops. The best and freshest sometimes fail through improper treatment and the want of knowledge necessary to produce germination and growth. Some fail by planting too early, others by planting too late; some by planting too deep or too shallow and in improper soil; some are scorched by the sun, others by drying winds before they appear above ground, while worms, grubs and other insect pests often destroy the seed before it has time to germinate.

TESTING.—For the protection of ourselves and customers, we give our seeds a thorough test in our seed grounds, and we will not allow any seeds to be sent out until we are fully satisfied they are pure and will germinate freely.

Please write your Name, Postoffice, County and State plainly, and if to be forwarded otherwise than by mail, name the route and your express and freight office, or if by stage route direct accordingly.

Be sure and write your orders legibly, and apart from the body of your letter, to prevent errors.

Please make your orders for Trees, Plants, etc., on a separate sheet, as the departments are distinct.

Address,

W. R. STRONG & CO.,

Sacramento, Cal.

W. R. STRONG & CO.'S

General Price-List for 1887.

VEGETABLE, FIELD AND TREE

SEEDS

Besides as here quoted, our Vegetable Seeds are put up in small packets at Five Cents each, or Fifty Cents per dozen.

PEAS, BEANS and CORN in half-pound boxes at Ten Cents each, or One Dollar per dozen.

All seeds quoted by the ounce and in small packets will be forwarded by MAIL, POSTAGE PREPAID BY US.

All quoted at pound rates, add (if to be sent by mail,) SIXTEEN CENTS PER POUND TO COVER COST OF POSTAGE.

PEAS.

EXTRA EARLY.

Per lb

Cleveland's R. N. Y., 2 feet (said to be the earliest, most prolific; ripening at one time, and fine flavor)	\$0 15
Extra Early, first and best, 2 feet	15
Premium Tom Thumb, 8 inches	15
Premium Gem, wrinkled, sweet, 2 feet	15
Carter's First Crop	15
American Wonder, 10 inches	15
Laxton Alpha, 3 feet	15
Blue Peter, 1 foot	15

GENERAL CROP.

Per lb

Yorkshire Hero, 2½ feet	\$0 15
Telephone, 3 feet	15
Champion of England, 5 feet	15
Blue Imperial, 2 feet	10
Royal Dwarf Marrow, 2½ feet	10
Large White Marrowfat, 5 feet	10
Black Eye Marrowfat, 4 feet	10

EDIBLE PODS.

Per lb

Tall and Dwarf White Seed	\$0 25
Tall and Dwarf Gray Seed	25
Field Peas in quantity and variety, at lowest market rates.	

BEANS.

DWARF SNAPS OR GREEN STRING.

Per lb

Early Refugee	\$0 15
Early Pinkeye China	15
Early Red Valentine	15
Cleveland's Round Pod, earliest, best and most prolific of all	15
Early White Valentine	15
Early Mohawk	15
Early Yellow Six Weeks	15
Green Flageolet, fine	15
Wax Flageolet, yel'w pod, large, fine	15
Early Golden Wax, yellow pod	15
Ivory Wax, yellow pod	15
White Seeded Wax, yellow pod	15
Black Seeded Wax, yellow pod	15
Dwarf White Kidney	15
Dwarf Cranberry	15
Broad Windsor	10

Two pounds for 25 Cents of Peas, Beans and Corn, when quoted at 15 Cents per single pound.

TWENTY-FIVE PER CENT. DISCOUNT ON LOTS OF TEN POUNDS AND OVER.

POLE OR RUNNING.

	Per lb
London Horticultural.....	\$0 15
Large White Lima.....	15
Tall Wax, black seed.....	15
Giant Wax, red seed.....	15

Of any of the above, 2 pounds for 25 cents.

	Per lb
Scarlet Runners.....	\$0 25
White Runners.....	25
Asparagus, or Yard Long.....	50

All varieties of Field Beans in quantity at the very lowest market rates.

CORN.

SWEET.

	Per lb
Early Dolly Dutton.....	\$0 15
Early Minnesota.....	15
Early Russell's Prolific.....	15
Early Crosby, very early.....	15
Early Moore's Concord.....	15
Early Mammoth Sugar.....	15
Black Mexican.....	15
Amber Cream.....	15
Stowell's Evergreen.....	15

Two pounds of any of the above for 25 cents.

	Per lb
Improved King Philip.....	\$0 10
Early Canada.....	10
Early White Flint.....	10
Large Yellow Eight-Rowed.....	10
Blunt's Prolific.....	10
Pop Corn (Rice and Common).....	10

Common Yellow and White Field Corn, as also all the above, in quantity at lowest market rates.

ARTICHOKE.

	Per oz.	Per lb
Green Globe.....	\$0 30	\$3 00
Jerusalem Tubers, \$5 per 100 pounds.		

ASPARAGUS.

	Per oz.	Per lb
Colossal, largest and best.....	\$0 10	\$0 60
Two-year-old roots, \$1 50 per 100.		

BEETS.

	Per oz.	Per lb
Extra Early Elipse, new and fine.....	\$0 10	\$1 00
Extra Early Egyptian.....	10	75
Extra Early Bassano.....	10	75
Dewing's Early Blood Turnip.....	10	60
Early Blood Turnip.....	10	60
Early Long Dark Blood.....	10	60
Bastian's Half Long Dark Blood.....	10	60
Improved Long Red Mangel Wurzel.....	10	35
Norbiten Giant Mangel.....	10	35
Yellow Globe Mangel.....	10	35
Red Globe Mangel.....	10	35

	Per oz.	Per lb
Improved White Sugar.....	10	35
Imperial White Sugar.....	10	35
Swiss Chard, or Sea Kale....	10	75

BRUSSELS SPROUTS.

	Per oz.	Per lb
Improved Dwarf.....	\$0 15	\$2 00

BROCOLI.

	Per oz.	Per lb
Early Purple Cape.....	\$0 30	\$4 00
Early White Cape.....	30	4 00

CABBAGE.

	Per oz.	Per lb
Early York.....	\$0 15	\$1 50
Early Large York.....	15	1 50
Early Ox-heart, finest.....	15	1 50
Henderson's Early Summer..	20	2 00
Jersey Early Wakefield.....	20	2 00
Early Bloomsdale Market....	20	2 00
Early Schweinfurth.....	20	2 00
Early Winingstadt.....	15	1 50
Early Dwarf Dutch.....	15	1 50
Early Drumhead.....	15	1 50
Premium Flat Dutch.....	20	2 00
Premium Drumhead.....	20	2 00
Mammoth Marblehead.....	20	2 00
Improved Brunswick.....	20	2 00
German Filderkraut.....	20	2 00
Savoy Drumhead.....	20	2 00
Savoy Early Dwarf.....	20	2 00
Red Dutch Pickling.....	20	2 00

CARROT.

	Per oz.	Per lb
Early Scarlet Horn.....	\$0 10	\$1 00
Earliest Short Horn, for forcing.....	10	1 00
Danvers Orange, Half Long..	10	75
Early Half Long Scarlet Stump Rooted.....	10	75
Improved Long Orange.....	10	75
Large White Belgian.....	10	60
Large Red Altingham.....	..	60

CAULIFLOWER.

	Per oz.	Per lb
Henderson's Early Snowball..	\$2 00	\$1 00
Extra Early Dwarf Erfurt....	75	10 00
Early London.....	75	8 00
Early Paris, best.....	75	8 00
Large White French.....	75	8 00
Lenormand's Short Stem....	75	8 00
Large Asiatic.....	50	6 00
Veitch's Autumn Giant.....	1 00	

CELERY.

	Per oz.	Per lb
Henderson's White Plume....	\$0 30	\$4 00
Henderson's Dwarf.....	15	1 50
Golden Heart.....	15	1 25
Large White Solid.....	15	1 25
Dwarf White Solid.....	15	1 50
Boston Market.....	15	1 50
Celeriac, or Turnip Rooted...	15	1 50
Celery Seed, for flavoring....	10	50

	Per oz.	Per lb
Chervill.....	10	1 00
Collards.....	10	1 00
Chicory.....	10	1 00
Corn Salad.....	10	1 00

CRESS, or PEPPERGRASS.

	Per oz.	Per lb
Broad Leaf.....	\$0 10	\$0 75
Fine Curled.....	10	75
Fine Water Cress.....	40	4 00

CUCUMBERS.

	Per oz.	Per lb
Early Russian.....	\$0 10	\$1 00
Early White Spine.....	10	1 00
Early Frame.....	10	1 00
Early Short Green.....	10	1 00
Early Green Cluster.....	10	1 00
Early Pickle.....	10	1 00
Improved Long Green.....	10	1 00
Burr Small Gherkins.....	20	2 00

EGG PLANT.

	Per oz.	Per lb
Early New York Purple.....	\$0 50	\$5 00
Early Long Purple.....	25	3 00

ENDIVE.

	Per oz.	Per lb
Green Curled.....	\$0 15	1 50
Moss Curled.....	15	1 50
Batavian.....	15	1 50

GARLIC.

The price of Garlic is variable.

KALE, or BORECOLE.

	Per oz.	Per lb
Green Curled Scotch.....	\$0 10	\$1 25
Dwf. German Gre'n and Purpl.....	10	1 25
Sea Kale.....	25	3 00

KOHL RABI.

	Per oz.	Per lb
Early White Vienna.....	\$0 20	\$2 00
Early Purple Vienna.....	20	2 00
Large Green.....	20	2 00

LEEK.

	Per oz.	Per lb
Best London Flag.....	\$0 20	\$2 00
Monstrous Carentan.....	20	2 00

LETTUCE.

	Per oz.	Per lb
Hanson.....	\$0 10	\$1 00
Simpson's Early Curled.....	10	1 00
Early Prize Head.....	10	1 00
White Paris Cos. Romaine Lettuce.....	10	1 00
San Francisco Market Satisfaction.....	10	1 00
Philadelphia Butter.....	10	1 00
Early White Head Cabbage.....	10	1 00
Early Curled Silesia.....	10	1 00
Large Drumhead or Ice Cabbage.....	10	1 00

	Per oz.	Per lb
Simpson's Black Seeded.....	10	1 00
All the Year Round.....	10	1 00
Boston Market—for forcing.....	10	1 00
Tennis Ball, Black Seeded—for forcing.....	10	1 00
Salamander—for hot, dry weather.....	10	1 00
Bird Lettuce.....	50	

MARTYNIA.

	Per oz.	Per lb
For making Pickles.....	\$0 25	\$3 00

Mushroom Spawn, in bricks, 25 cents each.

MUSK MELON.

	Per oz.	Per lb
Surprise.....	\$0 10	\$1 00
California Large Netted.....	10	1 00
White Japan.....	10	1 00
Hackensack.....	10	1 00
Early Yellow Cantaloupe.....	10	1 00
Jenny Lind.....	10	1 00
Montreal Market.....	10	1 00
Bay View.....	10	1 50
Skillman's Fine Netted.....	15	1 00
Large Green Nutmeg.....	15	1 00
Cassaba, or Green Persian.....	15	1 00

WATERMELON.

	Per oz.	Per lb
Mammoth Iron Clad.....	\$0 10	\$1 00
Kolb Gem.....	10	1 00
Scaly Bark.....	10	1 00
Black Spanish.....	10	1 00
Icing, or Ice Cream, Peerless.....	10	1 00
Mountain Sweet, or Gray Seeded Ice Cream.....	10	1 00
Mountain Sprout.....	10	1 00
Cuban Queen.....	10	1 00
Imperial Lodi, or California.....	10	1 00
Gypsy, or Rattlesnake.....	10	1 00
Orange Rind.....	10	1 25
Citron Melon, for preserves.....	10	1 25

NASTURTION.

	Per oz.	Per lb
Tall Sorts.....	\$0 20	\$2 00
Dwarf.....	25	3 00

OKRA, or GUMBO.

	Per oz.	Per lb
Early Dwarf.....	\$0 10	\$0 75
Tall Green.....	10	75

ONIONS.

	Per oz.	Per lb
Early Large Red.....	\$ 15	\$1 50
Large Red Wethersfield.....	15	1 50
Yellow Danvers.....	15	1 50
Yellow Dutch.....	15	1 50
White Portugal, Silver Skin.....	30	3 00
White Globe.....	30	3 00
Early Bermuda.....	30	3 00
Giant Yellow Rocca.....	25	3 00
Early Queen.....	25	3 00

Onion Sets—Prices variable; lowest market rates.

PARSNIPS.

	Per oz.	Per lb
Hollow Crown.....	\$0 10	\$0 75
Long Dutch.....	10	75

PARSLEY.

	Per oz.	Per lb
Triple Curled.....	\$0 10	\$1 00
Plain Curled.....	10	1 00
Fern Leaf, Moss Curled.....	10	1 00

PEPPER.

	Per oz.	Per lb
Golden Dawn.....	\$0 25	\$3 00
Long Red Cayenne.....	25	3 00
Chili, very small, for pepper-sauce.....	25	3 00
Cherry Red.....	25	3 00
L'ge Squash, or Tomato-sh'p'd.....	25	3 00
Large Bell, or Bull Nose.....	25	3 00
Golden Dawn.....	25	3 00
Spanish Monstrous.....	25	3 00
Sweet Spanish, or Mountain.....	25	3 00

PUMPKIN.

	Per oz.	Per lb
Large Yellow, or Conn. Field.....	\$0 10	\$0 40
Large Cheese, for table use.....	10	75
Cashaw, or Crookneck.....	10	75
Mammoth Squash.....	10	75

RADISH.

	Per oz.	Per lb
Early Long Scarlet.....	\$0 10	\$0 75
Early Scarlet Turnip rooted.....	10	75
Early Sc'let Turnip White Tip.....	10	75
Early White Turnip-rooted.....	10	75
Olive-Shaped or Half-long Scarlet.....	10	75
French Breakfast, or Half-long Scarlet, White Tip.....	10	75
Scarlet China Winter.....	10	1 00
Black Spanish, Fall or Winter.....	10	75
Mammoth White China, or California.....	1	00

RHUBARB, or PIE PLANT.

	Per oz.	Per lb
Linnæus, Giant.....	\$0 20	\$2 00
Victoria, Giant.....	20	2 50

Two-year roots, \$2 50 per dozen; 25 cents each; one-year roots, \$1 50 per dozen, or 15 cents each.

SALSIFY, or VEGETABLE**OYSTER.**

	Per oz.	Per lb
Best White.....	\$0 15	\$1 50
Scorzoner, or Black Salsify.....	20	2 00

SPINAGE.

	Per oz.	Per lb
Round Summer, or Large Dutch.....	\$0 10	\$0 40
Extra Large Prickly, Winter.....	10	40
Improved Thick Leaved.....	10	40
Monstrous Viroflay, extra large.....	10	40
Long Standing, Late Seeding.....	10	40

SQUASH.

	Per oz.	Per lb
Early Yellow Bush Scallop.....	\$0 10	\$1 00
Early White Bush Scallop.....	10	1 00
Yellow Summer Crookneck.....	10	1 00
American Turban.....	10	1 00
Marblehead.....	10	75
Boston, or Vegetable Marrow.....	10	75
Hubbard.....	10	75
Mammoth, fine for exhibition.....	10	1 00
Field Squash, for Stock Feeding, market price 30 to 50 cents.		

SUNFLOWER.

	Per oz.	Per lb
Mammoth Russian.....	\$0 10	\$0 50

TOBACCO.

	Per oz.	Per lb
Connecticut Seed Leaf.....	\$0 40	\$4 00
Virginia.....	40	5 00
Havana.....	50	6 00

TOMATO.

	Per oz.	Per lb
Early Conqueror.....	\$0 20	\$2 50
Acme.....	20	2 50
Livingston's Perfection.....	20	2 50
Paragon.....	20	2 50
Hathaway's Excelsior.....	20	2 50
General Grant.....	20	2 50
Sacramento Favorite.....	20	2 50
Mayflower.....	20	2 50
Fejee.....	20	2 50
Trophy.....	20	2 50
Large Yellow.....	20	2 50
Red Cherry.....	20	2 50

TURNIP.

	Per oz.	Per lb
Early Snowball.....	\$0 10	75
White Egg.....	10	75
Early White Stone.....	10	60
Early White Fl't Dutch, Strap Leaved.....	10	60
Early Purple Top, Strap Leaved.....	10	60
Early Purple Top Munich.....	10	60
Large White Flat Norfolk.....	10	60
Yellow Aberdeen Purple Top.....	10	60
Purple Top, White Globe.....	10	60
Orange Yellow, or Golden Ball.....	10	60
Yellow or Amber Globe.....	10	60
Pomeranian White Globe.....	10	60

RTA BAGA.

	Per oz.	Per lb.
Large White French.....	\$0 10	\$0 60
Sweet Russian, White.....	10	60
Sweet German, White.....	10	60
Improved Purple Top Yellow.....	10	60
Carter's Imperial Swede, Purple Top, Yellow.....	10	60
Laing's Impro'd Yellow Early.....	10	60
Improved American Yellow Purple Top.....	10	60

Sweet and Medicinal Herbs, Etc.

A few Herbs should have a place in every vegetable garden. A very small space will give all that are needed in any family. The culture is simple. Make a little seed-bed in the early spring, and set the plant out in a bed as soon as large enough.

	Oz.	Lb.		Oz.	Lb.
Anise	\$0 10	\$1 00	Henbane	\$0 40	\$1 00
Angelica	25		Hyssop	25	3 00
Arnica	2 00		Hoarhound	30	
Balm	50		Lavender	25	3 00
Belladonna	75		Marjoram, Sweet	25	3 00
Borage	10	1 00	Marigold, Pot	25	3 00
Basil (Sweet)	25	3 00	Opium Poppy	25	3 00
Boneset	1 00		Pennyroyal	75	
Bene	20		Rosemary	40	
Caraway	10	50	Rue	40	
Catnip	75		Savory, Summer	25	2 50
Coriander	10	50	Savory, Winter	25	2 50
Cumin	10	1 00	Saffron	15	1 50
Dandelion	25	3 00	Sage, Common	20	2 00
Dill	10	75	Sorrel, Broad-leaved	15	1 50
Elecampane	50	75	Tansy	50	
Fennel, Large Sweet	10	1 00	Thyme, English	40	4 00
Fenugreek	10	1 00	Wormwood	40

The above are put up in Five Cent Packages, or Fifty Cents per Dozen.

TREE SEEDS.

Ornamental. Shade, Forest, Evergreen and Hedge Trees.

	Per oz.	Per lb.		Per oz.	Per lb.
Honey Locust— <i>Gleditsia triacanthos</i>	\$0 10	\$0 60	Pinus Sabiniana—Sabin's Pine	30	3 00
Black or Yellow Locust— <i>Robinia pseudo acacia</i>	10	75	Picea Magnifica — Beautiful Silver Fir	50	5 00
Box Elder— <i>Acer negundo</i>	20	1 75	Picea amabilis—Lovely Silver Fir	20	5 00
Hardy Catalpa— <i>Catalpa Speciosa</i>	25	3 00	Cupressus macrocarpa—Monterey Cypress	50	3 00
Australian Red Gum— <i>Eucalyptus rostrata</i>	50	6 00	Cupressus Lawsoniana—Lawson's Cypress	50	5 00
Australian Blue Gum— <i>Eucalyptus globulus</i>	50	6 00	Cupressus sempervirens—Italian Cypress	50	5 00
Osage Orange— <i>Maclura aurantiaca</i>	10	50	Abies Douglasii — Douglas' Spruce	50	5 00
Sequoia gigantea—Big Tree	50	6 00	Abies Menziesii—Bl'k Spruce	50	5 00
Sequoia sempervirens—Redwood	50	5 00	Arbor Vitæ	25	3 00
Libocedrus decurrens—Mountain Cedar	50	5 00	European Larch	20	2 00
Thuja gigantea—Oregon Cedar	50	5 00	Norway Maple	25	2 50
Pinus Lambertiana—Sugar Pine	25	3 00	Sugar Maple	25	2 50
Pinus incignis—Monterey Pine	25	3 00	White Birch	25	2 50
Pinus Monophylla—Freemont's Pine	25	3 00	European Ash	25	2 50
Pinus ponderosa—Heavywood Pine	50	5 00	European Beech	25	2 50
Pinus Tuberculata—Tuberculated Coned Pine	60	5 50	European Elm	25	2 50
			Linden, or Basswood	25	2 50
			White Mulberry	25	3 50
			Black Mulberry	25	3 00
			Russian Mulberry	75	10 00
			American Ash	20	2 00
			Vitis, California Wild Grape	25	3 00

FRUIT SEEDS.

	Per oz.	Per lb.		Per oz.	Per lb.
Apple Seeds, new crop.....		50	Mahaleb Cherry Pits.....	10	75
Peach Pits, new crop. seedl'g		5	Mazzard Cherry Pits.....	10	50
Pear Seeds, fresh imported...	25	3 00	Plum Pits.....		10
Quince Seeds, fresh imported.	25	3 00			

GRASS AND CLOVER SEED.

Express or Freight charges must be paid by the purchaser, and when small quantities are wanted to be forwarded by mail be sure to send money extra to cover postage.

CLOVER SEED.

	Per lb.		Per lb.
Alfalfa, variable, now about.....	12½	Alsike, or Swedish Clover.....	35
Mammoth, or Sapling Clover.....	15	Crimson Trefoil.....	50
Common, or Red Clover.....	15	Yellow ".....	50
White Dutch Clover.....	35	Sanfoin, or French.....	40

GRASS SEED.

	Per lb.		Per lb.
Lawn Grass , Best Mixed.....	25	Timothy Grass Seed.....	10
" Extra Fancy Blue....	25	Red Top " ".....	15
" Kent'ky Ex. Cl. Blue	20	Mesquite " ".....	15
Sweet Vernal Grass.....	50	Orchard " ".....	15
Perennial Rye ".....	20	Evergreen Millet ".....	20
Australian ".....	15	German or Golden Millet.....	10
Italian ".....	5	Egyptian or Pearl ".....	25
Fine Fescue ".....	50		

MISCELLANEOUS FIELD SEEDS.

	Per lb.		Per lb.
Amber Sugar Cane Seed.....	10	Vetches Vitaus.....	10
African Seed.....	10	Lentils.....	10
Egyptian Corn, White.....	5	Lupins.....	5
" " Red.....	5	Castor Oil Beans.....	25
Brown ".....	5	Hemp Seed.....	10
Buckwheat.....	5	Flax Seed.....	10
Sun Flower Seed.....	40		

BIRD SEED.

Canary, Hemp, Rape, Millet and Mixed Bird Seeds are sold at 10 cents per pound or 6 pounds for 50 cents.

Maw and Lettuce Seeds....30 cts. per lb. | Cuttle Fish Bone....50 cts. per lb.

For the Retail Trade we will furnish the same to Dealers in one and three pound paste-board boxes at but a little advance above our Wholesale Bulk Trade rates.

SEED WHEAT, BARLEY, RYE, OATS, ETC.

AT MARKET RATES.

We make a SPECIALTY of all descriptions of FIELD SEEDS and will furnish in quantity at greatly reduced prices from above quotations, and at the very lowest market rates.

Dealers, Ranchers and Stockmen will find it for their interest to place their orders in our hands.

We solicit correspondence on all subjects relating to Seeds, Fruits and all farm produce, to which we will give our personal attention.

BONE FERTILIZERS.

We are agents for the sale of the above.

Price per ton.....\$30 00 | Small lots per 100 lbs.....\$2 00

We will procure Guano and other fertilizers on application.

California Insect Powder.

(*Pyrethrum Carneum.*)

This is absolutely the pure ground flowers of the *Pyrethrum*. It is the safest and best insect and moth exterminator known. For Agriculturalists it is inestimable, for use in the Vineyard, Orchard, Vegetable Garden, Hennyery and Out-house, or in the dwelling. It will destroy Flies, Gnats, Mosquitoes, Ants, Spiders, Fleas, Bed Bugs, Chicken Lice, Moths and other pests of the home and agriculturist. This powder is prepared by Mrs. C. A. Hill, of Calaveras Co., Cal., who was the original grower of *Pyrethrum* in this State, and has now in cultivation a very large acreage thereof, and has all the facilities for preparing the same for the markets of the world.

It is put up in cans, with full directions for use, and sold at retail as follows:

Small Cans.....20 cents each	1 pound Cans full wt.....\$1 each
$\frac{1}{4}$ pound Cans full wt....30 cents each	6 pound Cans full wt.....\$4 each
$\frac{1}{2}$ pound Cans full wt....60 cents each	$3\frac{1}{2}$ pound including can.....\$2 each

A Liberal Deduction will be made to the Trade and Large Consumers.

ESCULENT ROOTS AND VEGETABLE PLANTS.

We are prepared to furnish, in the proper season—

Jerusalem Artichokes, Asparagus Roots, Rhubarb Roots, Sweet Potato Plants, Cabbage Plants, Horse Radish Roots, Tomato Plants, etc., of the different varieties, and in small or large quantities, for small gardens or market growers.

FLOWERING BULBS,

AND BULBOUS ROOTS AND PLANTS.

During their season, say from October to March, we will have a great assortment of Hyacinths, Tulips, Jonquils, Snow Drops, Iris, Ranunculas, Anemones, Crocus, Japan Lilies, Tuberoses, Lily of the Valley, Dahlias, and other Flowering Bulbs and Plants. Catalogues and prices furnished on application.

W. R. STRONG & CO.'S COLLECTION OF VEGETABLE SEEDS.

Complete Assortments for Family Garden.

These assortments will be found desirable for those who are not sufficiently familiar with seeds to make judicious selections from our catalogue, these we regard as the best varieties for family use. We will supply them at the following low rates, which are at least one-fourth less than same kind and quantities of seed are usually sold at. The Collections are made up ready for shipment to avoid delay; no change can be made in them. Collections A and B are mailed postpaid by us. Collections C and D are sent by express or railroad at the expense of the purchaser.

ARTICLES.	SENT BY MAIL, POST-PAID BY US.		SENT BY EXPRESS OR RAILROAD AT EXPENSE OF PURCHASER.	
	Coll. A, \$1.00 Contains	Coll. B, \$2.00 Contains	Coll. C, \$5.00 Contains	Coll. D, \$10.00 Contains
Bush Beans, best varieties for succession.....		3 pkts.	3 lbs.	4 lbs.
Pole Beans, Lima and others.....			1 lb.	1 "
Garden Corn, Early and Late.....		1 pkt.	2 lbs.	2 "
Peas, best sorts for succession.....		3 pkts.	4 "	4 "
Beets, best sorts for succession.....	2 pkts.	3 "	4 oz.	8 oz.
Cabbage, best sorts, early and late.....	3 "	3 "	2 "	4 "
Carrots, best sorts.....	1 pkt.	2 "	2 "	4 "
Cauliflower.....			2 pkts.	3 pkts.
Celery, best kinds.....	1 pkt.	1 pkt.	3 "	1 oz.
Cucumber, best sorts for succession.....	1 "	2 pkts.	3 oz.	6 "
Corn Salad.....			1 "	1 "
Cress.....		2 pkts.	1 "	1 "
Egg Plant.....			1 pkt.	2 pkts.
Endive.....		1 pkt.	1 "	1 oz.
Kale or Borecole.....		1 "	1 oz.	2 "
Kohlrabi.....		1 "	1 pkt.	2 pkts.
Leek.....	1 pkt.	1 "	1 "	1 oz.
Lettuce, best kind for succession.....	2 pkts.	3 pkts.	4 pkts.	3 "
Musk Melon, best sorts.....	1 pkt.	1 "	3 "	3 "
Water Melon, best sorts.....	1 "	1 "	3 "	3 "
Okra.....		1 "	1 "	2 "
Onion, best sorts.....	2 pkts.	3 pkts.	3 "	6 "
Parsley.....	1 pkt.	1 pkt.	1 "	2 "
Parsnip.....		1 "	1 "	2 "
Pepper.....		1 "	3 "	4 pkts.
Radish, early and late.....	2 pkts.	3 pkts.	5 oz.	10 oz.
Salsify.....		1 pkt.	1 "	2 "
Spinach.....	1 pkt.	1 "	4 "	10 "
Squash.....	2 pkts.	2 pkts.	2 "	4 "
Tomato.....	2 "	2 "	3 pkts.	6 pkts.
Turnip.....	2 "	2 "	2 oz.	6 oz.
Herbs.....		3 "	4 pkts.	4 pkts.

Choice Collections of Imported Flower Seeds.

Mailed, postage paid, upon receipt of prices given.

In making up the following Choice Collections, we discounted liberally from retail list prices.

Annuals , in twelve different varieties (our own selection).....	\$0 50
Annuals and Biennials , in twenty-five different varieties (our own selection).....	1 00
Climbing Plants , in eight different varieties (our own selection).....	30
Everlasting Flowers , in six different varieties (our own selection).....	30
Ornamental Grasses , in eight different varieties (our own selection).....	30
Perennials , in eight different varieties (our own selection).....	50

New Varieties of Seed

OF SPECIAL MERIT.

Cleveland's Alaska Pea—This is pronounced the earliest pea grown. It was tested in our grounds, planted May 15th, and the pods were well filled and fit for the table June 22d, or forty days from time of planting. It is a blue pea, very sweet and delicate flavor, uniform in growth, quite prolific, and we believe market gardeners and canners will find this variety most valuable. We have only a limited supply. Price, 25c per lb.

Cleveland's R. N. Y. Pea—This variety has been thoroughly tested. It is among the earliest and most prolific, of robust branching habit, and very hardy. It ripens uniformly, so that ninety per cent of pods can be gathered at one picking. There are six to eight peas to the pod of the finest quality for table use. Price, 25c per lb.

Cleveland's Improved Round-pod Valentine Bean—Takes the place of all others for green snap beans. It is earlier and more prolific, pods very tender and fleshy, and continues longer in this state than others. It is also one of the best for pickling. Price, 25c per lb.

The Eclipse Beet—This new variety is as early as the Egyptian, larger, and of much finer quality. It is globe-shaped, and of a fine bright crimson color and small top. Price, \$1.25 per lb; 10c per ounce.

Henderson's White Plume Celery—Is quite an acquisition. The stalk and portions of inner leaf and heart are white, and it requires less care in drawing together and tying and earthing up for blanching than all other varieties. It is also more ornamental for the table, the disposition of the inner leaves resembling the ostrich plume. It is quite early, and of fine nutty flavor. Price, \$4 per lb; 50c per ounce.

Early Snowball Cauliflower—This is supposed to be the earliest of all and more certain to head. It is of dwarf habit, with short outer leaves, and more can be grown on an acre than of other sorts. Price, \$2 per ounce.

Beck's Chartier Radish—This is distinct from all other varieties. Color, crimson at top, pink in center, and waxy white below. It attains a large size, and is excellent at all stages of growth. Price, \$2 per lb; 25c per ounce.

Alford's Early Prolific Corn, from Texas. This variety bears from four to eight good sized and well developed ears to the stalk, yielding nearly or quite double the quantity per acre of other sorts, of the finest quality for all purposes. It is said to never become weevily. Color white. Price, \$20 per 100 lbs.

Veeder's Early Prolific Corn—Is one of the finest and most productive grown. Ears large and full, and quality equal to any for table use, milling purposes, and for feed for stock. Price, \$5 per 100 lbs.

W. R. STRONG & CO.

WHOLESALE FRUIT AND

PACKERS AND FORWARDERS

In Carload Lots, to Eastern, Southern
and Interior Markets.

Having been engaged in this business for many years, and being the oldest house on the Pacific Coast, our advantages are unrivaled for the disposal of California Fruits and Products in the great marts of their consumption.

Our arrangements with the leading Fruit and Produce Growers are very extensive, and we know we can be of the largest advantage to both the producer and consumer.

We keep constantly on hand, in their season,

A FULL STOCK OF TROPICAL FRUITS,

As well as of California Growth. Also,

—Canned Goods, Machine and Sun Dried Fruits, Butter, Cheese, Nuts, Honey, Etc.—

Having business connections with the largest and best Canneries of the State we are able to fill all orders at the lowest rates.

No effort shall be spared to give satisfaction.

By fair dealing and close attention to the wants of our customers, we are determined to merit the confidence of the public in the future, as we believe we have in the past.

W. R. STRONG & CO.,

SACRAMENTO, CAL.

This list comprises all leading old varieties that we consider worthy of extended cultivation. While we examine as far as we are able everything new that is offered, we find much of little or no value, and only include in our lists those that we find are really an improvement on existing sorts, and have been submitted to thorough tests. We have no hesitation in saying that our Seeds are not excelled in quality and freshness by any other collection.

ARTICHOKE.

Green Globe—Sow the seed early in the season in drills 1 inch deep—12 inches apart—and thin to 4 inches in good rich soil. When 1 year old transplant to rows 3 feet by 2. They will remain in bearing for years. The portion used is the flower head in its undeveloped state.

Jerusalem—Are tuberous roots like Potatoes, and are grown mainly for hog and sheep food. They are also used for pickling and the table. Planted same as Potatoes.

ASPARAGUS.

Colossal Giant—This is the best variety—unrivalled for productiveness, size and quality. Sow seeds in drills, thinly, 1 inch deep, rows at least 1 foot apart. Keep the soil mellow and free from weeds. When one year old transplant into beds, about 1 foot apart in deep loamy soil, and cover 4 inches above the crown. Salt is excellent for manuring.

BEANS.

Dwarf Snaps or Stringless—All varieties of this class are tender, and do best in rather dry light soil, and should not be planted till the ground is warm and can continue at intervals through the season. Plant 2 inches deep in rows 2 feet apart. Keep well hoed, drawing the earth up to the stems while dry.

Early Improved Red Valentine—Is one of the very best leading sorts. Pods are round, fleshy and tender, and remain longer in a green state than most varieties. (Fig. 8.)

White Valentine—Is a good short Snap, and also desirable as a shelled Bean.

Red Eye, or Early China—Is largely cultivated in California by market gardeners, and is good either as a Snap or dry-shell Bean.

Early Mohawk—Is one of the hardiest varieties, and will endure some frost. It is a good String Bean, and also desirable for pickling. (Fig. 4.)

Early Refugee—Is very productive and fine for Spring Snaps or for pickling. (Fig. 2.)

Yellow Six Weeks—Is very early, productive and excellent.

White Kidney, or Royal Dwarf—Is an excellent green shell Bean, and one of the best for baking. (Fig. 6.)

Golden Wax—This variety is quite early. Pods are long, brittle, and entirely stringless, and of rich buttery flavor, and one of the very best. (Fig. 3.)

German, or Black Wax—Is one of the best. Pods are of rich waxy yellow when fit for use, and very tender and delicious. (Fig. 13.)

Ivory Pod Wax—Are a white Bean, and earlier than the Black Wax. Pods are tender and stringless and of a rich creamy flavor, and are ivory white.

Crystal White Wax—Are similar to the above—crisp, tender, and of the richest flavor. The pods develop quickly, and retain their tenderness longer than other sorts.

English Dwarf, or Broad Windsor—Is a very hardy kind, and can be planted very early in the season, in good soil, in drills 3 feet apart. Pinch off tops as soon as the lower pods begin to fill. They are used only as Shell Beans.

POLE OR RUNNING.

These are generally more tender than Dwarf kinds, and should not be planted till the ground becomes warm. Set poles about 4 feet apart, and pinch off the tops when they grow higher than the poles. They succeed best in sandy loam, mixed with well rotted compost to each hill.

Large Lima—Are the most buttery and delicious of all, and are a universal favorite, green or dry. (Fig. 10.)

Giant Wax (Red Seed)—Make pods 6 to 9 inches long, thick and fleshy, of yellow waxy color, and is very productive and tender. (Fig. 12.)

ARTICHOKE.

JERUSALEM.

ASPARAGUS.

COLOSSAL, OR GIANT.

BROCOLI.

GLOBE.

BEANS.

Horticultural, or Speckled Cranberry—Is an old favorite, and is equally good as a Snap or as a Shell Bean either green or dry. (Fig. 5.)

White Dutch Runner—Are very ornamental, large white seed, and beautiful clusters of white flowers, and is a good Shell Bean.

Scarlet Runners—Are a great favorite, producing clusters of beautiful scarlet flowers, which are very ornamental, and are very fine for use as a Green Shell Bean. (Fig. 14.)

BEETS

Require rich mellow deep soil. Plant in rows or drills 1 foot apart for early sorts. Place seed 2 and 4 inches apart and cover 2 inches. While growing, thin out and use, giving room for development. For field culture, the rows should be farther apart to admit the horse cultivator, and the plants thinned to 1 foot in the rows. The mangels grow to a very large size, and are wonderfully productive.

Early Eclipse—Remarkable for rapid growth, smallness of top, and extra fine quality; smooth, round, skin and flesh bright red; very fine grained and sweet.

Egyptian Blood Turnip—One of the earliest, medium size, good quality and small top.

Early Bassano—Very early flat variety; tender and juicy; flesh rosy and white.

Early Blood Turnip—Good quality; blood red; tender and good keeper.

Bastian's Half Long—This is one of the very best for family use and the market gardener; of bright color and of excellent quality.

Pine Apple—Excellent, half long; foliage dark red; roots of a dark crimson color.

Long Blood—A good late variety; sweet and tender; popular sort.

Swiss Chard, or Sea Kale—The leaves are used as Spinach, and the mid rib stewed and served as Asparagus.

STOCK BEETS.

MANGLE AND SUGAR VARIETIES.

White Sugar, or Imperial—The sweetest and most desirable for Sugar, and one of the best for field use and cattle food.

Golden Tankard Mangel—Valuable variety; fine form and sweet; bright yellow and heavy cropper.

Yellow Globe Mangel—Roots large and globe shaped; very productive; better keeper than the Long Red, and will grow in shallower soil.

Red Globe Mangel—Large red oval; keeps well, and produces better crops in shallow soils than the long varieties.

Mammoth Red Mangel—Is grown most extensively for agricultural purposes; produces very large roots, partly above ground.

BROCCOLI.

This is allied to the Cauliflower, but is much hardier. It is not suitable for hot Summers, and should be sown later to transplant in the Fall months, succeeding best in moist and cool atmospheres, and arrives to perfection from January to April in the climates of the Pacific Coast.

BRUSSELS SPROUTS

Produces from the stem small beads resembling Cabbage in miniature. It is very tender, and of mild, excellent flavor, and is used as greens.

CABBAGE.

Cabbages require a deep rich soil and thorough working. The seed for the early crops can be sown in hot beds. When of size to transplant, place the earlier kinds from 12 to 18 inches apart. The larger and later kinds two feet or more. The plants should be set down to first leaf, so that the stem is all below the surface of the ground, and hoe often.

Early Large York—Is a popular known variety, superior, robust and endures the heat well.

Early French Oxheart—Is quite a favorite, heads early, tender and fine flavor.

Early Jersey Wakefield—Is highly prized, very early, following the Oxheart, and of fine quality.

Henderson's Early Summer—Is considered one of the best early sorts; large head and sure crop, and good keeper.

Early Winningstadt—Is considered one of the best early for general use; heads large size.

Early Schweinfurt—Large and early, fine for Summer and Fall Cabbage.

Filderkraut—Similar to Winningstadt, only larger and more pointed and with fewer outside leaves and sure to make firm, solid heads.

Improved Brunswick—An excellent medium and late variety, being the best Early Flat Dutch; short stem and good sized solid heads.

Improved Premium Late Flat Dutch—This is the best strain of this standard variety and more largely grown than any other for market and long keeping quality.

Mammoth Marblehead—One of the latest and largest of all the cabbage tribe. Solid, tender and freely heading.

Large Late Drumhead—A little later than the Flat Dutch. Large solid heads.

Red Dutch Erfurt—Used mostly for pickling. Solid heads.

Drumhead Savoy—The Savoy Cabbages are the finest flavor of all; finely crimped and netted and yet makes a compact, solid head. Dark green.

Early Dwarf Ulm Savoy—This is earlier and dwarfer than the Drumhead and of very fine flavor.

CARROTS.

This, like all root crops, delights in rich, sandy loam, well tilled. For early crop, sow as early as the ground can be put in good condition and follow out for later through the season. Sow in drills one foot apart and thin plants four inches in a row. For field culture, increase the distance between the rows to allow use of the cultivator.

Early Scarlet Short Horn—Earliest forcing variety; small roots and excellent flavor.

Early Horn—A favorite, and best for early Summer use.

Half Long Red. Stump Root—This is an intermediate in size and maturity and is of good quality.

Danver's Half Long—Orange red, smooth and handsome and producing very large crops.

Improved Long Orange—The Standard sort. Roots large size; of good quality and adapted for garden or farm culture.

Red Altringham—Large and good flavor for the field and stock feeding.

BEETS.

BASSANO.

LONG BLOOD.

EGYPTIAN BLOOD TURNIP.

HENDERSON'S PINE APPLE.

LONG RED MANGEL.
Brussels Sprouts.

SWISS CHARD.

EARLY BLOOD TURNIP.

ORANGE GLOBE MANGEL.

IMPERIAL SUGAR.
CHICCORY.

CELERY.

Large White Belgian—This grows one-third above the ground; white roots, green top and very large, and used for cattle feed.

CAULIFLOWER.

The Cauliflower delights in a rich soil and abundance of water. Sow the early varieties in the Spring, in a hot-bed or in an open border. For late, sow seed in a cool, moist place. Do not allow the plants to become crowded in the seed-bed. Transplant in moist weather, or shade the newly-set plants. Keep well hoed, bringing the earth up to the stems, water freely, and protect from hot Summer sun.

Early Dwarf Erfurt—Extra Early Dwarf, small leaf, solid, pure white heads, best quality.

Early Snowball—The earliest and best heading variety cultivated.

Early Paris—A popular French variety. White, and sure to head, and standard sort for early or late crop.

Early Nonpareil—One of the best; medium early.

Lenormand—Short stem. A superior sort and quality; large, well-formed heads and late.

Walcheren—A good variety, with large white heads.

Large Late Algiers—New and much prized for late sort.

Veitch's Autumn Giant—This is one of the best late varieties grown. Robust habit, large heads, compact and thoroughly protected by leaves.

CELERY

Should be sown in open ground, as early as it will be fit to work, and be kept clear of weeds until fit for planting. Cut tops once or twice before planting to insure stocky plants. When ground is well prepared, set in rows three feet apart and six inches from each other, and see that the soil is well packed around the roots by pressing with the foot. Run the cultivator or hoe between the rows to destroy the weeds, and when grown to sufficient size, draw up the earth for blanching and pressing with the hand to keep the leaf upright from spreading, and banking up to the top on each side.

White Plume, Henderson's—This requires less labor for blanching, is crisp, solid, and of nutty flavor and valuable for family use.

Henderson's Half Dwarf—Solid, crisp, and nutty flavor and very desirable.

Boston Market Dwarf—Short, bushy, white, solid, and excellent flavor.

Dwarf Golden Heart—The heart of this variety is waxy and showery, and for market use desirable. It is very solid and of excellent flavor and a good keeper.

Giant White Solid—Large size, solid, crisp and good market variety.

Celeric, or Turnip-Rooted Celery—A variety with turnip-shaped roots which may be cooked and sliced and used with vinegar, making an excellent salad. It is hardy and otherwise treated as other celery.

Soup Celery—Is old seed used for flavoring soups, stews, etc., and is sold for this purpose at a low price.

CHERVIL.

This is a sweet, aromatic herb, the leaves of which are used in soups and salads. Sow in drills, half an inch deep and one foot apart.

CORN-SWEET.

All varieties should be planted in hills, 3 to 4 feet apart, after the ground becomes warm; cover half an inch deep and when well up, thin out to 3 plants to the hill; for succession, continue planting at intervals of two or three weeks during the Summer.

Early Minnesota—Is one of the earliest and best. Dwarf in habit and very productive.

Crosby's Early—Is excellent, and a great favorite market variety.

Moore's Early Concord—Ear large and well filled, and of rich, delicate flavor.

Amber Cream—Is a vigorous grower; stalks seven feet long, well filled ears, deep kernel, sugary and tender. Kernel, when dry, amber color, but beautifully white when fit for table.

Egyptian—is deemed one of the very best. Ears quite large, and for table use and canning it cannot be surpassed, being particularly rich and sweet.

Black Mexican—Black grain when ripe and the sweetest of all.

Early Mammoth—Is one of the largest and most productive of all; fine flavor and much in demand by market gardeners.

Stowell's Evergreen—Is a late kind of excellent quality, and remains in a green state a long time.

Field Corn—For variety, etc., see Farm Seeds.

COLLARDS.

Is used in place of Cabbage, and grown where it is difficult to make Cabbage head. Cultivate same as Cabbages.

CHICCORY.

This is grown to mix with or as a substitute for Coffee. It requires the same cultivation as Carrots.

CRESS, or PEPPERGRASS.

Well known as a pungent salad. It should be sown thickly and at frequent intervals for succession; it quickly runs to seed. Cover very slightly in planting.

Double and Triple Curled—Is very fine and can be cut two or three times.

Water Cress—Is a perennial, and will grow in and along-side of streams and ponds. It has a very pleasant, pungent taste.

CUCUMBER.

Cucumbers should be planted in open ground after the weather is warm and settled and must be protected from frosts and cold storms. Plant hills six feet apart in good rich mellow soil covering half inch. When up, and danger is over from insects, thin to three or four plants to the hill.

Early Cluster—Is well adapted for forcing.

Early Frame—Popular variety, medium size, straight and handsome, fine for pickling.

Early Russian—Very early; Fruits in pairs; small, hardy and productive.

Early White Spine—A favorite market variety, medium size, crisp and fine flavor.

Long White Spine—Largely used by market gardeners and quite a favorite.

Long Green Turkey—A most desirable variety of excellent quality. Dark green, firm and crisp.

PREMIUM FLAT DUTCH

STONE MASON MARLEHEAD.

DRUMHEAD SAVOY.

NEWARK EARLY FLAT DUTCH

"TRUE" JERSEY EARLY WAKEFIELD

DWARF CURLED SAVOY.

LARGE FRENCH OXHEART.

FOTTLER'S IMPROVED BRUNSWICK.

FILDERKRAUT, OR POMERANIAN.

Short Green or English Gherkin—Similar to Early Frame, and fine for pickling.

West India Gherkin or Burr—Small, used only for pickles.

EGG PLANT.

This plant is quite tender, but will thrive in any good garden soil. Seeds should be sown in hoed or warm green house. When one inch high transplant into two inch pots. Plant out two and a half feet apart when weather is warm and settled.

New York Improved—Large, fine, and the leading market variety.

Early Long Purple—Longer than the preceding, but early, hardy and productive.

Black Pekin—Handsome, jet black, round and solid. It is quite early and very superior.

ENDIVE.

This makes a very fine salad for late and winter use. Sow seed during the summer months in drills, fourteen inches apart; when established, thin to one foot apart in rows. When nearly full grown, tie leaves together over the centre to blanch the inside or heart of the plant, which will be done in two weeks, or more, according to the temperature. This may also be done by covering with boards, etc., to exclude the light.

Green Curled—This variety is quite hardy, tender and crisp.

Moss Curled—Is a beautiful curled variety of fine quality.

Batavian Broad Leaf—Is a good sort and much used in soups and stews.

KALE, or BORECOLE.

This is used mainly for greens. It is of the cabbage species, but does not run to head. It is very hardy and will continue growing through the cold and wet months.

Dwarf Curled—This is usually sown in the fall months for winter greens, in rows one foot apart, and is treated same as spinach.

Green Scotch Curled—Is a dwarf spreading variety often covering three feet in diameter, leaves bright green and beautifully curled.

Cottagers' Kale—Is a valuable kind; excellent flavor and an immense cropper, grows one foot high, leaves rich green, curled, and feathered to the ground.

Sea Kale—This is quite a favorite with many; its young shoots are blanched for use. It is trained and treated like the cabbage.

KOHL RABI.

This is an intermediate between the Cabbage and Turnip. Sow in drills 12 to 18 inches apart and thin out to eight inches, between the plants. Kohl Rabi is a great favorite with Europeans and is rapidly gaining in favor here. It is a superior feed for cows giving milk.

Early White Vienna—White and tender. The best market sort and for table use.

Early Purple—Differing in color, being of a bluish purple, beautiful and excellent.

LEEK.

The Leek is a very hardy plant and easily cultivated. Succeeds best in a light enriched soil. Sow early in drills one foot apart and one inch deep. When 6 or 8 inches high thin out and transplant to 10 inches apart, and deep as possible that the roots may be blanched.

American Flag—Is large and a great market favorite.

London Flag—Is also a good market variety and broad leaf.

Musselburgh or Scotch—Is very large with broad fan like leaves, and is hardy and excellent.

LETTUCE.

Lettuce succeeds best in good, rich, moist ground. It should be sown thinly in rows, one foot apart and when plants are well up, thin to stand one foot in each row, transplanting the surplus. It is well also to sow every two or three weeks for a succession, thus furnishing lettuce in perfection the whole season.

Early Curled Simpson—This variety does not head, yet forms a compact mass of leaves and is the leading and earliest market sort.

Black Seeded Simpson—Is a very desirable variety. While similar to the White Seeded the leaves are almost white. It stands the heat of summer well and attains nearly double the size of the white Simpson.

Early Prize Head—Is of mammoth size. The leaves are crisp and tender, remaining so through the season. It is fine flavor, hardy and slow to run to seed.

Salamander—Is of good size and one of the best to endure the heat, and is consequently of great merit. It also remains longer in head than other varieties.

Boston Market—This is a good curled variety; early heading; crisp and hardy.

Early Cabbage, or White Butter—A favorite for late sowing, producing fine, well formed heads and hardy.

Brown Butter—Hardy and good for late planting, large solid heads.

Hanson—A fine curled head variety; large, sweet, tender and crisp. Excellent for early summer use.

Ice Drumhead, or Malta—Heads large, crisp and tender, and good flavor. Stands summer heat well.

Philadelphia Butter, Spotted—Fine large heads of excellent quality and for market sales, and stands summer heat well.

Large India—Immense solid heads, and withstands the heat better than most kinds.

Tennis Ball—Makes a close hard head and is a favorite early and forcing variety.

White Cos—Fine tender and crisp. Should be tied up to blanch before cutting.

MARTYNIA.

Used much for pickling, when gathered while green and tender. Sow in open ground and transplant to two feet apart.

MELON, MUSK.

Melons thrive best in a good sandy loam. Plant as soon as the ground becomes warm in hills six feet apart; a little well rotted manure in each hill will be of great benefit. Put twelve to fifteen seeds to a hill, and after they are up and all danger from bugs is over, thin out to three plants to the hill. If the growth is too rapid pinch off the top and leading shoots and thin out the fruit, which will increase the size of those remaining. Pumpkins, Squashes or Cucumbers should not be grown near them as they would be apt to hybridize.

California Netted Cantaloupe—This is the most popular and best market variety grown in this State; large, deeply ribbed and netted green flesh and of delicious flavor and a good keeper.

CARROTS.

CORN.

FARCHING. CROSBY'S EARLY.

EVERGREEN.

CONCORD.

RUSSELL'S PROLIFIC. MINNESOTA.

CUCUMBERS.

EARLY RUSSIAN.

EARLY FRAME.

EARLY GREEN CLUSTER.

EARLY WHITE SPINE.

Skillman's Netted—Round oval, flesh deep green, sweet, early and delicious and highly perfumed.

Hackensack—An Eastern variety similar to California Netted and fine.

Montreal Nutmeg—This is one of the largest fruiting kind. Round, flattened at ends and deeply ribbed, similar to California Nutmeg and highly esteemed.

Jenny Lind—Is very early, small size and superior flavor.

Green Citron—Is green flesh, medium size, deeply netted and of very rich and delicious flavor.

Pine Apple—Is of medium size, flesh green, firm, juicy and very sweet.

White Japan—Is medium in size, creamy white and fine flavor.

Surprise—Nutmeg variety, very early, prolific and fine flavor. Salmon flesh.

Casaba—Large and delicious. This is one of the best late oval varieties and highly prized.

Large Yellow Musk—A deeply ribbed salmon flesh variety, thick flesh and very sweet.

WATERMELON.

Mammoth Ironclad—This variety grows very large and solid. Rind thin but very tough and best for shipping, flesh deep red and delicious.

Scaly Bark—Is also very tough, thin rind and bears rough usage without breaking, and is a long keeper, flesh light crimson and excellent flavor and good shipping variety.

Gypsy, or Rattlesnake—A very desirable variety, large, oblong, green mottled and striped, thin rind, crimson flesh, sweet and delicious and one of the best for market and shipping.

Imperial Lodi—This is now the most popular of all the California grown varieties. Large oblong, skin light pea green in color and thin. Red flesh, very sweet and fine flavor, and one of the very best for cultivation for market sales.

Cuban Queen—Large, solid and very heavy for its size, often weighing 80 lbs. Skin marking light and dark green. Sweet and fine flavor.

Peerless—White seeded ICE CREAM.—One of the very best of early sorts. Skin smooth light green, oblong in shape. Scarlet flesh and most delicious, fine for market or family garden.

Mountain Sweet—Oblong, thin rind and dark green, red solid flesh, sweet and very desirable.

Mountain Sprout—Fruit large, long oval, skin dark green, marbled. Red flesh of excellent quality.

Black Spanish—Fruit large, almost round, skin dark green. Red flesh and delicious.

Orange—So called as the rind will peel off from flesh when ripe. Flesh red and good.

MUSHROOM SPAWN.

For full directions for planting see Henderson's Handbook of Plants.

MUSTARD.

Makes a pungent salad. Sow thickly in rows and cut for use when two inches high. White London is the best for salads. The brown or black is, however, more pungent.

NASTURTION.

The seeds while young and succulent are pickled for Capers. The plants are quite ornamental and make excellent screens in the garden.

OKRA OR GUMBO.

This vegetable is grown for its pods which are used in soups, stews, etc. It is very nutritious and of easy culture. Sow when the ground has become warm, three feet apart and one inch deep and thin out to ten inches in the row. The pods are dried for winter use.

ONIONS.

Onions thrive best in a deep rich loamy soil which should be clean and well cultivated, and in good order, level and well pulverized. Sow thinly in drills one foot apart and $\frac{1}{2}$ of an inch deep. Cover with fine soil and press with the foot or light roller. When the young plants are strong enough thin out and transplant to three or four inches apart. Hoe shallow but frequently and keep clear of weeds.

New Pearl or Early Queen—Is the earliest of all. Color pearly white and very mild in flavor.

Extra Early Red—This variety is not as large as the Wethersfield but ten days earlier. It is close grained and heavy and of mild flavor.

Large Red Wethersfield—This is a popular variety, large size, deep red and good keeper.

Yellow Globe Danvers—This is probably more grown for market than other kinds. Mild flavor, early, productive and fine keeper.

Yellow Dutch, or SILVER SKIN—A old variety, good keeper and mild flavor.

White Portugal or SILVER SKIN—Mild flavor and handsome, much grown for pickling, poor keeper for market.

White Globe—Is one of the best, mild flavor and good keeping quality.

Giant Rocca—Is globe shape, very large, brown skin and delicate flavor.

ONION SETS.

These are produced from seed, sown thickly in beds or drills. When the tops die down the small bulbs are gathered, and spread out and kept in a cool dry place for future planting, and should be set when the ground is in condition in rows one foot apart and 3 or 4 inches distant.

Top Onion Sets—Are raised from the bulbs and are gathered, kept and planted in the same manner.

PARSNIP.

Sow early in season as the weather will permit in drills 15 inches apart and cover half inch deep. When well up thin out to 5 or 6 inches in row. They can remain in the ground after maturity to be taken up for future use if desired.

Long Smooth, (HOLLOW CROWN)—Is the kind in general use.

The Student—Is also a fine flavored variety

PARSLEY.

This seed germinates slowly, often taking 4 or 5 weeks to come up. They should be sown in a rich mellow soil thickly, $\frac{1}{2}$ inch deep in rows one foot apart and thin to stand 6 inches in the row. It will aid germination to soak the seed a few hours in warm water before sowing.

Extra Triple Curled—Is perhaps the best. Dwarf beautifully curled, fine for garnishing.

Fern, or Moss-leaf—Crested like a fern and mossy; valuable for table decorations.

CUCUMBER.

IMPROVED LONG GREEN.

CAULIFLOWER.

CRESS.

ENDIVE.

KOHL RABI.

KALE, or BORECOLE.

MARTYNIA.

LETTUCE.

CABBAGE LETTUCE.

COS LETTUCE.

SEA KALE.

West India Gharkin.

PEAS.

For very early crop a light rich soil is best; for general crop a deep rich heavy loam is better. For market crop plant in rows from two to three feet apart covering from two to three inches as to strength of soil. For family use they may be planted in double rows and the taller varieties staked with brush.

EXTRA EARLY.

American Wonder—Is one of the earliest wrinkled Peas in cultivation, of the finest flavor and are very productive, compact, and dwarf about ten inches high.

Cleveland's Rural New Yorker—Is considered the earliest and most prolific of all. They are of fine flavor and ripen at one time; two feet high.

Tom Thumb—Is remarkably dwarf, very early, of excellent quality and a good yielder.

Laxton Alpha—Is one of the earliest wrinkled varieties. Pods good size, well filled and fine quality and prolific; three feet.

Premium Little Gem—A dwarf green wrinkled marrow, very prolific and desirable.

GENERAL CROP.

Yorkshire Hero—This is one of the largest and best of the wrinkled marrows and most now in demand for planting by the market gardeners of this State, branching habit, abundant bearer and fine flavor. Two and one-half feet.

Champion of England—Is one of the best varieties, delicious in flavor and a profuse bearer, 2 feet.

Telephone—Immensely productive, excellent, sweet, of the finest quality. Strong vines, pods large size, and well filled with delicious Peas. 4 feet.

Blue Imperial—Is a fine market variety. A good bearer and of fine flavor. 3 feet.

Royal Dwarf Marrowfat—This is a favorite with many, pods are well filled with large peas, ripening at one time, so as to be easily gathered at one picking, and of good quality, $2\frac{1}{2}$ ft.

White Marrowfat—A favorite, pods large, and well filled. 5 to 6 feet.

Black Eyed Marrowfat—Hardy and productive, and with the white extensively grown for field peas. 4 feet.

Edible Pod Sugar Peas—Can cook the pod as Snap Beans or as Shelled; very tender and sweet. Varieties—Dwarf and Tall, White and Dwarf and Tall Gray seed, all desirable. $2\frac{1}{2}$ to 5 feet.

PEPPER.

This vegetable is largely grown for pickles and for seasoning for soups, meats, etc. Sow in hot bed or in a warm sheltered spot and transplant into rich warm mellow soil in rows 2 feet apart and 18 inches in the row, hoe frequently and earth up a little.

Sweet Spanish—One of the earliest and largest; flesh sweet and mild.

Sweet Mammoth, or Mountain—Like the preceding in shape and color, but larger and milder.

Bell, or Bull Nose—Early and mild flavor; rid thick and fleshy.

Squash, or Tomato Shape—Generally grown for pickling; very productive.

Long Red Cayenne—Fruit 3 to 4 inches long, of a bright red; quite productive.

Long Yellow Cayenne—Similar to the preceding, except in color.

Red Cherry—Very ornamental; fruit round, glossy, and of rich scarlet color.

Chili—Red, conical: 2 inches long; very hot and prolific; used for seasoning.

PUMPKIN.

This is grown for agricultural purposes and planted in the field with corn and potatoes. Plant in hills at least 8 feet apart.

Large Cheese—Is one of the best for cooking.

Cushaw—Is quite a favorite, resembling the winter Crooknecked Squash. White striped and mottled with green. Salmon flesh.

Connecticut Field—Is most largely grown for feeding stock, and very productive.

RADISH,

Beckets Chartier—Is a new variety. Crimson at the top, but running downward to fine waxy white. It grows to a large size and of superior quality.

Early Long Scarlet, Short Top—The standard sort for the family and market gardeners.

Early Scarlet Turnip—Nearly round, delicate flavor, and fine for summer use.

Early White Tipped Scarlet Turnip—A little larger than the preceding. Handsome and fine flavor.

White Summer Turnip—Mild flavor and excellent.

French Breakfast—Oblong, scarlet tipped with white, rapid grower, mild and tender.

Olive Shape Scarlet—Rose-colored flesh, tender and excellent. Early and good for forcing or general crop. Oblong in shape.

China Rose Winter—Rose color, firm flesh, piquant and most excellent for winter use.

Black Spanish, (round and long)—Both are quite hardy, and good for late and winter use.

White Spanish—Is milder in flavor than the Black, and good late sort.

California Mammoth or White China—Is very highly esteemed. White flesh, firm, and excellent quality and of large size, often more than 12 inches long.

RHUBARB.

Stalks are used for pies, tarts and sauce. Sow seed early in drills one foot apart. When 4 inches high, thin out to 10 or 12 inches distance. Early in the ensuing season transplant into deep, rich soil, 3 feet apart.

It is better for most persons to procure the roots which can be set out as desired.

Linnaeus is the earliest. **Victoria** the latest and largest, and best cooking variety; both are tender and fine.

SPINACH.

This is very essential for all market gardens and requiring but little culture.

Sow either in drills or broadcast, covering about one inch, as early as the ground can be worked, and every two weeks, for succession during the season. It is best developed and tender when grown in rich soil.

Round-Leaf—Is the main sort, and fine for early or late sowing.

Viroflay—Has large, thick leaves, and fine for market culture, standing a long time before going to seed.

Long Standing—Is like the round Savoy leaf, but remains longer before running to seed than other kinds.

Prickly, or Fall—Is quite hardy and stands the cold well.

LEEK.

OKRA.

PARSLEY.

MELONS.

MUSK MELON.

WATER MELON.

ONIONS.

DANVER'S YELLOW.

YELLOW DUTCH.

WHITE GLOBE.

EARLY RED.

WETHERSFIELD RED.

TOP ONIONS— $\frac{1}{2}$ NAT. SIZE.

SETS—NAT. SIZE.

SALSIFY.

Salsify, or Vegetable Oyster, used for soups, also boiled, fried, etc., and possesses the flavor of the Oyster, for which it is sometimes used as a substitute. The culture is the same as for Carrots and Parsnips. Sow early in the spring, in drills, a foot or more apart, covering the seed not more than two inches in depth. Thin out to six inches apart. Put seed in the ground as early as possible, in the spring. A portion of the crop may remain in the ground all winter, like the Parsnip.

SQUASH.

Squash seed should never be planted till the soil is quite warm. Rich, light open soils are the best. Treatment the same as for melons.

BUSH AND EARLY VARIETIES.

Early Scallop Bush—The White and the Golden are the two best early for market, and are abundant bearers.

Yellow Crookneck—Is early and very productive and of fine quality. All of the above are for summer use and should be used when young and tender.

Perfect Gem—Is a new variety, and is most excellent for summer use or for a late keeper.

LATE AND LONG-KEEPING VARIETIES.

American Turban—Flesh bright orange, thick, fine grained and good flavor. For Fall or late use.

Hubbard—Is a general favorite; one of the very best; fine grained, dry and excellent.

Marblehead—Is like the Hubbard, but of lighter color; very sweet, dry and delicious, and a good keeper.

Boston Marrow—Is well known as of fine flavor, good keeper and fine fall market variety.

Cocoanut—Is very prolific; color light yellow; quality very superior.

Winter Crookneck—Is sweet, close grain, and most excellent flavor.

Chili, or Valparaiso—Grows to enormous size (often weighing 200 pounds); and is most excellent for the table or for field or cattle feed; deep orange flesh, and splendid keeper.

Mammoth Stock Squash—Are very large and valuable for cattle feed, being immensely productive and good keepers.

TOMATOES.

The seed should be sown in a hot-bed, or the house, where the temperature is above 60 degrees. When two inches high, transplant to

4 or 5 inches apart into boxes or pots, where they are to remain till ready to set out in the open ground, which must not be till safe from frost. They do best on good light or open soils. Should be set 3 or 4 feet apart, and watered freely till plants are established.

Sacramento Favorite—Is one of the very best; large size, smooth as an apple, firm and handsome, dark red, and fine for market and shipping.

The Eureka—Is similar to the above, but thought to be superior.

Cardinal—Is a very brilliant red in skin and flesh, almost round; solid and first quality.

Mayflower—Is the earliest large variety grown; glossy red, ripens evenly, yields well, and a good market variety.

The Acme—Is quite early and handsome; fruit solid, smooth and regular, and a good bearer; color, crimson pink.

Paragon—Is similar to the Acme, except of darker color.

The Trophy—Is a later variety, and one of the best; large, fine flavor, productive, solid, and fine for market and canning.

General Grant—Is very superior, large and good; ripens early.

Fefee Island, or Lester Perfected—Fruit large, light red or pink; solid and good flavor.

Pear-Shape Yellow Plum and Red Cherry—Are all small varieties, used for pickling.

TURNIP.

GREEN TOP SWEDE.

WHITE SWEDE.

Turnips succeed best in highly enriched sandy or gravel soil. Sow in drills, 12 to 18 inches apart, cover half inch, and when plants are well up thin to 5 or 6 inches apart, for early kind, and Rutabaga and large sorts to 10 inches. Best always to sow just before a rain, or water well, as success depends upon quick germination and rapid growth.

Extra Early Purpletop Munich—This is considered the earliest of all; bright, purple-top, mouse-tail root; distinct and valuable.

Early Flat Dutch—Standard sort; good size, small top, pure white; good market variety.

PARSNIPS.

PUMPKINS.

PEPPERS.

LONG RED.

CHILI.

CAYENNE

GARDEN PEAS.

GARDEN PEAS.

RHUBARB.

RADISHES.

SUMMER VARIETIES.

WINTER VARIETIES.

SQUASHES.

SUMMER CROOK-NECK.

HUBBARD.

WINTER CROOK-NECK.

TURNIPS.

YELLOW ABERDEEN.

BUSH SCALLOP.

YELLOW GLOBE.

EARLY FLAT DUTCH. WHITE NORFOLK.

STRAP LEAF RED TOP.

White Egg—A quick growing fall turnip; oval shape, flesh firm, fine grained, mild and sweet.

Redtop Strap Leaf—A most popular variety for early use; rapid grower, and mild flavor, and good for the table or for stock feed; smooth, handsome and tender.

Early Snowball—Very quick growth; small, solid, sweet and crisp.

White Globe (strap leaf)—Valuable for the table or stock; not as early as the flat sorts.

Large Norfolk—Large grower; globe shape, coarse grain, but sweet and one of the best early for stock feed.

Golden Ball Robertson—Bright yellow, rapid grower, excellent flavor, good keeper, and nothing better for table use.

Yelowstone—Medium size, firm, excellent flavor and fine keeper; very popular for growing for table use for yellow varieties; equally good as stock feed.

Yellow Aberdeen—Hardy, productive, and fine keeper; globe shape, pale yellow with purple top; good for the table or stock.

RUTABAGA OR SWEDISH VARIETIES.

These are more generally grown as farm crops. The roots are hard, close grained and endure cold without injury. They are excellent for storing for late use; for table or stock.

American Purpletop—Very hardy and productive; solid, sweet and fine; one of the best of yellow kinds.

Skirving's Purpletop—Is good for table or stock; very large, sweet and firm flesh and fine keeper.

Amber Globe (strap leaf)—This is milder than the common Rutabaga, and one of the best of yellow sorts.

Green Top—Similar to Purpletop, except in color.

Sweet German—White, very popular in many parts; should be sown early, flesh white, hard, firm and sweet; keeps as well as the yellow sorts, and fine for winter use.

Russian, or White Rutabaga—Grows very large, and is excellent for table or stock feed; a splendid keeper and fine quality.

Lawn, Field, Grass and Clover Seeds.

Nothing is pleasanter about a house than a good lawn, and nothing is more easily made and kept in order by a little well directed care. To get grass seed up quickly and evenly, the surface must be mellow, so that it will not bake after a rain. If the soil is clayey, after sowing the grass seed, cover the surface with a light coating of manure, which may remain except a little of the coarsest. Four bushels of grass seed for an acre are required to make a good lawn in a short time. Sow grass seed for lawns so as to give seed the benefit of early rains. Late sowing is seldom successful. It is better to wait than to sow after warm weather has commenced. The best single kind is Kentucky Blue Grass. To four bushels of this (per acre) add White Clover and Sweet Vernal Grass, about two pounds of each, and this will make an excellent lawn. Our preparation of Lawn Grass in mixture is the very best preparation possible for our hot and dry Summers.

Field Grass and Clovers—These we keep in very large stock, and of unsurpassed quality. We import heavily of Eastern and European varieties, and make a specialty of Alfalfa and other California grown Seed.

Mixed Lawn Grass—Is made up of the finest Evergreen Grasses, intermixed in proper proportions, for a fine, permanent and velvety lawn, and best adapted to our hot and dry climate; 50 to 60 lbs. should be applied per acre.

Kentucky Blue Grass—Is the finest and best of all grasses, when used separately or in mixtures for general lawn purposes; for this purpose, at least 50 lbs. are necessary.

Meadow Fescue or English Blue Grass—Is said to do well on poor soils, the roots penetrating more deeply and better resisting the dry weather, and is valuable for a pasturage; sow 30 to 40 lbs. per acre.

English, or Australian Rye Grass—Is also a perennial, much like the preceding, and is very valuable for either lawns, pasturage, or for hay; sow for lawns 60 lbs., for hay 30 lbs. per acre.

Perennial Rye Grass—Makes a fine lawn and is also desirable for a permanent pasture. It produces a large amount of nutritious hay, but succeeds best on moist soil. It is very desirable in mixtures for lawns; sow 40 to 60 lbs. per acre.

Italian Rye Grass—Is more of an annual and is also good in mixtures for the lawn or for hay crop. It is of quick growth and valuable for sheep pasturage.

Sweet Vernal Grass—Produces a strong, pleasant fragrance and is very desirable in lawn mixtures for pleasure grounds or pasture, when used in small quantity. It produces but little feed.

Wood Meadow Grass—Is very desirable in moist locations and in shaded places among trees, but is not adapted to dry lands; sow 30 lbs. per acre.

Crested Dog's Tail—Is very fine for dry lands; its foliage is fine and small and therefore good for lawn mixtures: for pasturage, sow 30 lbs. per acre.

Hard Fescue—Is also noted for its drouth resisting quality and well adapted for lawn mixtures and valuable for sheep pasture: sow 30 lbs to the acre.

Fine Leaf Fescue—Is similar to above in its qualities and adaptation.

Herd, Red Top Grass (or Bent Grass)—Is most largely used for wet lands, but does well in almost any soil, moist or dry. It makes good hay or pasture and much used in mixtures with Timothy and Clover: sow 30 lbs per acre.

Timothy—Is very largely grown for hay crop in northern climates, and is fine when sown with Red Top and clover: sow 15 lbs per acre.

Mesquit Grass—Is very desirable for dry lands. It resists drouth well and makes a good crop for hay or pasturage: sow 30 lbs per acre.

MILLETS.

Common Millet (annual).—Is desirable for light rich soils, makes a quick crop, but should not be sown till warm weather.

Golden Millet—Is an improved variety of above, yielding a large quantity of seed.

Pearl Millet, or Egyptian—Yields an immense amount of green forage and can be cut repeatedly through the season, does best in warm and moist climates. Sow in drills 3 feet apart and very thinly; 2 to 3 lbs will sow an acre.

Hungarian Millet—Early and productive, makes a finer grass than the preceding.

Evergreen Millet, also called **Johnson Grass**—Is a perennial with strong vigorous roots and produces an abundance of large and nutritious leaves. It likes dry, hot weather and grows luxuriantly where it is too hot and dry for other grasses: sow as soon as weather becomes warm, about 30 lbs. per acre. This grass is attracting more attention in the last year than any other and is well worthy of cultivation in all open and poor dry soils where other grasses have failed.

CLOVER SEED.

Alfalfa—This is cultivated above all other clover, in California. It produces enormous crops, and is cut many times in the season for hay. It roots deeply, keeping fresh and green through our long dry season, and is most valuable and profitable of all for abundance of feed. Sow 20 to 25 lbs to the acre. If in the Fall, early enough to get a little root before a frost, and can be sown again in February and spring months.

Red Clover—Two varieties—large and medium. Both succeed well in California, especially in our bottom lands and deep soils: 25 lbs to the acre.

Alsike, or Swedish Clover—Is very hardy and valuable for hay, yielding largely. Its roots are fibrous, and it is very desirable for hillsides and levees liable to wash. 10 to 15 lbs to the acre.

White Dutch Clover—Grows low, spreading and very fragrant, and most excellent for lawns and lawn mixture: 10 lbs to the acre.

FIELD CROPS.

We make a specialty of all classes of GRAIN, SEEDS and TUBERS for AGRICULTURAL PRODUCTION.

All new and desirable varieties as they are tried and tested, can be purchased from us.

WHEAT, CORN, OATS, BARLEY, RYE, BUCKWHEAT, FLAX SEED, HEMP CANARY, BROOM CORN, SUNFLOWER, PEAS, BEANS, MILLETS, SORGHUM, LENTILS, VETCHES, POTATOES, ARTICHOKEs, CHUFAS, etc., etc., for SEED PURPOSES, can be obtained at our establishment, in all their varieties, of the freshest and best quality.

IN ADDITION to our Seed and Tree Departments of business, we are conducting the most extensive trade on this Coast, in

CALIFORNIA GROWN FRUITS AND GENERAL PRODUCE.

We have packed and forwarded during 1886, over 500 carloads of PEACHES, PEARS, PLUMS, APPLES, GRAPES, ORANGES, LEMONS, and other kinds of Temperate and Tropical Fruits, besides Vegetables, to Eastern and Interior States and Territories. ALL OF CALIFORNIA GROWTH.

Sacramento is the Great Fruit Producing as well as Railroad and Geographical Center of Central and Northern California.

The finest tropical fruits, such as Oranges and Lemons, can be grown here, as well as those of colder climes, in the greatest luxuriance, no other country having such evenness of temperature, and beautiful and health-giving atmosphere.

Most flowers succeed best in a sandy loam, made rich with well-rotted manure which should be thoroughly mixed with the soil. A soil thus prepared, will be moist and loose, so that flower seeds—which are generally small and delicate—will be able to germinate and grow with vigor.

The mistake is often made of working the soil when too wet, so that it afterward bakes in hard lumps. The soil should always be dry enough to work up mellow, and crumble when hit with the spade.

If fine seed is used, make the surface even with a piece of board; sow, and then carefully sift a very little dirt over them; after which, water with a waterpot having a fine rose. Shade from the hot sun, until well up, with cloth, paper or boughs. Larger seeds may be planted deeper. A hot-bed or cold frame is very convenient to start seeds in, as the temperature and moisture can be so regulated as to make the growth of the seeds more certain. Most seeds will also do well if sown in boxes in a sunny window in the house.

Plants are usually ready to be transplanted when they have made a growth of two inches. It is a very common mistake to let plants stand so close together as to crowd, thus losing much of their beauty. Give each plant plenty of room, according to its habit of growth.

Postage free on receipt of cost of Flower Seeds, which observe opposite the name of each variety.

ABOBRA (Climber.)

Rapid growing, with dazzling scarlet flowers; 10 feet 10c

ABRONIA.

Trailing and prostrate habit, like the Verbena, and quite fragrant; natives of California.

Umbellata, rosy 10c
Arenaria, yellow 10c

ABUTILON.

Chinese Bellflower. Flowers freely in house in winter and spring, and a good bedding summer plant; 2 to 6 feet; perennial.

White, Yellow and Crimson Mixed 25c

ACCONITUM (Monkshood).

This plant loves a shady place under trees, and is a hardy perennial; 2 feet 5c

ACROLINIUM (Everlasting).

A hardy annual like the Rhodanthé, fine for winter bouquets; pure white and rose colors 5c

ADLUMIA (Mountain Fringe).

Climber, graceful foliage, light pink, tubular flowers 5c

ADONIS.

The Adonis has pretty, narrow leaves, and are very brilliant. It will flourish almost anywhere, in the shade or under trees. Grows about one foot in height.

Adonis Festivalis, Summer, scarlet; 1 foot, 5c
Automalis, Autumn, blood red; 1 foot 5c

AGERATUM.

Bears a great many flowers, and keeps in bloom a long time, and is, therefore, desirable for bouquet making. It is well to start the seed under glass, and transplant.

Ageratum conspicuum, white; 18 inches. 5c

Mexicanum albidiflorum, white flowered; 2 feet. 5c

Mexicanum albidiflorum nanum, six inches. 5c

Celestinum (Phalacræa) Tom Thumb, light blue; 8 inches high, and of compact habit; mixed varieties. 5c

AGROSTEMMA.

The annual *Agrostemma* are very pretty, free blooming and hardy; always makes desirable beds and useful for cutting; 12 inches in height.

New Scarlet, bright. 5c

Celia rosea, deep rose. 5c

Picta, dark crimson, white margin. 5c

Cardinalis, bright red. 5c

ALYSSUM.

Pretty little white flowers, useful in making up all kinds of small bouquets. Its fragrance is very delicate. The *Alyssum* grows freely from seed and makes a pretty border.

Alyssum Sweet, bardy annual, flowers small, in clusters, 6 inches. 5c

Wierzebeckii, bardy perennial, yellow, 1 foot high. 5c

ALONSOA.

Tender or half hardy annual. Young plants removed to the house or greenhouse in the autumn, will continue to flower during the winter. The flowers are small but of remarkably brilliant colors.

Alonsoa Warczewiczii, bright scarlet, forming a very pretty spike, 18 inches high; set plants 8 to 10 inches apart. 5c

Grandiflora, large-flowered, scarlet, 2 feet in height. 5c

AMARANTHUS.

The *Amaranthus* embraces a large class, valuable for their ornamental foliage, the leaves of most varieties being highly colored.

Salicifolius, fountain plant, beautiful both in habit and color; plant pyramidal; 3 feet. 5c

Bicolor Ruber, the lower half of the leaf a fiery red, the upper half maroon; splendid bedding plant. 5c

Tricolor (Joseph's Coat), red, yellow and green foliage; 2 feet. 5c

Melancholicus Ruber, of compact habit, with striking blood red foliage, 18 inches. 5c

Caudatus (Love Lies Bleeding), long drooping "chains" of flowers, pretty for decoration. 5c

Cruentus (Prince's Feather), flowers somewhat similar to *A. Caudatus*, but in erect masses. 5c

AMMOBIUM (Everlasting Flower).

Five white, showy and hardy annual. 5c

AMPELOPSIS (Vetchii, Japan Woodbine, Climber).

Very hardy and rapid grower; attaches to buildings, fences, etc., as closely as English ivy; leaves olive green, changing to scarlet. Easy to cultivate and ornamental.

ANAGALLIS.

Anagallis is remarkable for the beauty of its flowers, useful for borders or basket. Should be sown under glass.

Anagallis Grandiflora Superba, mixed colors. 5c

ANCHUSA.

This plant is fine for shaded places and city yards where the sun reaches only at intervals; bardy perennial.

Italian Buglossi. 5c

ANEMONE (Wind Flower.)

A pleasing flower of various shades, blooming early and fine for bouquets. 10c

ANTIRRHINUM (Snapdragon).

One of the very best of our perennials, blooms abundantly the first summer until after frost, and flowers well the second summer and even longer. By removing a portion of the flowers, the plants will become strong.

Brilliant, scarlet and yellow. 5c

Firefly, orange and scarlet, with white throat. 5c

Galathe, crimson, throat white; large. 5c

Tom Thumb, mixed colors. 5c

AQUILIGIA (Columbine or Wild Honeysuckle).

Showy and one of the best early bloomers; herbaceous, hardy perennial.

Cerulea Hybrida, porcelain blue, white and yellow; 2 feet. 10c

Chrysanthæa, beautiful bright yellow, flowering all summer. 10c

California Hybrida, flowers large, golden yellow petals and orange red lepalis and spurs. 10c

Double and Single Varieties, mixed. 10c

ASPERULA.

Azurea, a profuse flowering little annual, with numerous clusters of small lavender blue, sweet-scented flowers, fine for bouquets. 5c

AURICULA.

A beautiful, favorite hardy perennial. The Alpine is the most bardy. 5c

ASTERS.

Are one of the most popular and effective garden favorites, producing in abundance flowers of great richness and variety. They make elegant borders and showy beds; hardy annual.

Truffauts Large Peony-flower, beautiful in perfection, size and fullness of flowers, mixed colors; 2 feet. 10c

La Superbe, large flowers, 4 inches in diameter; 2 feet in height; three colors mixed. 15c

New Rose, 2 feet in height; robust, large flowers, petals finely imbricated; one of the very best; mixed colors. 15c

Imbrique Pompon, very perfect, almost a globe and beautifully imbricated; mixed colors. 10c

Cocardeau or New Crown, two colored flowers, the central petals being of pure white, sometimes small and quilled, surrounded with large, flat petals of a bright color, 18 inches; mixed colors. 10c

New Peony-flowered Globe, the earliest of the Asters, flowers very large, plant branching and strong; does not require support. 10c

- Washington**, the largest A-ter, 5 inches in diameter and perfect; mixed colors 10c
Hedgehog or Needle, petals long, quilled and sharply pointed; 2 feet; mixed colors 10c
Crysanthemum - flowered, Dwarf
White, a superb variety, every flower usually perfect; fine mixed varieties. 10c
Dwarf Bouquet, splendid for edging and small beds 10c

BALSAM (Lady Slipper or Touch-me-Not.)

This is one of the most beautiful and popular annuals. They are sown in beds or frames, and if growing too thick, thin out and prune as desired. They transplant readily. Among the many varieties we name:

- Double Camellia-flower, Double Rose-flower, Double Dwarf, Carnation, striped; Solferino**, white striped, all fine 10c
Extra Double Mixed of above, and others 10c

BALLOON VINE (Cardiospermum).

Climber, a half hardy annual with inflated capsules, very pretty 5c

BAPTISEA.

A handsome perennial, bright blue, pea-shaped flowers in spikes 6 inches long 5c

BELLIS (Double Daisy).

Beautiful for edging, dwarf groups and beds; earliest and prettiest of the spring flowers; half-hardy perennial.

Finest mixed and pure white 10c

BEGONIA.

Tuberous Root, fine for bedding out in summer or for pot culture; scarlet, crimson, white and yellow; fine mixed 25c

BARTONIA.

A succulent plant with large golden flowers expanding in the middle of the day; hardy annual variety.

Aurea, or Golden Yellow; 2 feet. 5c

Nana, or Dwarf; 9 inches. 5c

BRACHYCOME (Swan River Daisy).

A dwarf plant covered all summer with cineraria-like blossoms; annual; blue, white and mixed colors 0c

BROWALLIA.

The Browallias are excellent, free-flowering, half-hardy annuals; and valuable for Winter house plants. The flowers are beautiful and delicate. Seeds grow freely and give abundance of bloom. Plants 18 inches in height; set a foot apart. Varieties.

Cerviakowski, blue, with white center. 5c

Elata, White 5c

Grandiflora, Blue mixed 5c

CACALIA.

Pretty, half-hardy annuals, with small, tassel-like bloom, often called Flora's Paint Brush. The flowers are borne in clusters on slender stalks a foot or so in length. Set plants six inches apart. They bloom early in summer until autumn; mixed colors 5c

CALAMPELIS (Climber).

Scabra, blooms in racemes of bright orange flowers. Start in hotbed. 10 feet. 5c

CALENDRIA.

Beautiful dwarf plants; succeed best in light rich soil; tender annual.

Grandiflora, mixed colors, large and showy 5c

Speciosa, white and purple, beautiful bloomers, dwarf 5c

Umbellata, crimson, blooms in clusters, perennial, but flowers the first season 5c

CALCEOLARIA (Greenhouse Plant).

A highly decorative plant for conservatory. Sow the seed in pots in light loam and sand.

Hybrida Coronata, bears dense heads of most brilliant colored flowers. 25c

CALENDULA.

English Marigold: a showy free flowering annual, fine for beds and mixed borders; golden orange, dark eye 5c

Cape Marigold, white large flowers; 1 ft. 5c

CALLIOPSIS (Coreopsis).

Showy, free flowering and beautiful annual; the tall are fine for beds and mixed borders, and dwarf for bedding. Crimson, yellow, brown, and marbled, mixed colors; dwarf separate. 5c

CALLIRHOE.

Beautiful annual; violet, purple and crimson flowers; white center; attractive, and blooms through the summer 5c

CAMPANULA (Canterbury Bell).

Beautiful and popular for the garden; annual and perennial; varieties.

Carpatia, Dwarf, blue; **Alba**, white, both fine for beds or edging; mixed or separate 5c

Grandiflora, blue and white; large and handsome 5c

Pyramidalis, blue and white, fine for greenhouse. 5c

Speculum (Venus' Looking-glass), hardy annual; blue and white, fine for edging etc. 5c

CANARY BIRD FLOWER (Climber).

Tropaeolum, popular and pretty, rapid grower and abundant bloomer of rich yellow-fringe; flowers 10c

CANDYTUFT.

Popular and useful, blooming long and freely and perfectly hardy. The flowers are quite a treasure for making bouquets and for massing or ribbon gardening. Varieties and shades are numerous.

White, Purple, Rose, Crimson, Rock-et, pure white and fragrant, separate or mixed 5c

CANNA (Indian Shot).

Stately and ornamental plants, desirable in groups or background; annual; soak seed in hot water before sowing; varieties.

Indian, red; **Warczewiczii**, red striped; **Compacta**, yellowish red; 2 feet; mixed or separate colors 5c

CARNATION (Dianthus).

Magnificent and popular, very fragrant, and beautiful colors; hardy perennial.

Finest strains of German and Italian seed 20c

Good mixed 10c

CASSIA.

Hardy perennial, with yellow flowers: 18 inches high: good border flower 10c

CATCHFLY (Silene).

Showy and a great favorite: annual: bright, dense heads of flowers: blooms freely and of easy culture: colors, red and white. 5c

CENTRANTHUS.

Pretty, free flowering annual, effective in beds and borders: transparent stems and glaucous leaves: rose colored and white 5c

CENTAUREA.

Showy border plant, succeeding in almost any soil: hardy annual and perennial: varieties.

Bachelor's Button or **Corn Bottle**, quite showy 5c

Sweet Sultan, hardy annual: 1 foot. 5c

Basket Flower (Americana), large-growing, pink 5c

CHELONE.

Hardy and elegant herbaceous plant: stems 3 feet, erect and slender racemes, bright scarlet 5c

CHÆNOSTOMA.

Pretty dwarf, compact plant, flower pure white: fine for baskets or edgings 5c

CHRYSANTHEMUM.

Very showy and effective favorites: colors have the appearance of being laid on with a brush: annual and perennial: varieties.

Crimson, white center: **White**, crimson center: **Double White** and **Double Yellow**, separate or mixed, annals 5c

Frutescens Grandiflorum (Marguerite or Paris Daisy), now so fashionable and popular: large white star-like flowers, growing freely and profusely 10c

CINERARIA (Greenhouse Plant).

Free flowering, blooming most of the year: rich and diversified colors.

Hybrida, mixed 25c

Maritima and **Acanthifolia** are ornamental foliage plants: large silvery leaves 10c

CLARKIA.

Hardy annual plant, blooming profusely, with handsome flowers.

Double and Single, mixed colors 5c

CLEMATIS (Climber).

Handsome and hardy: seed germinates slowly: 15 feet.

Flamula, white and fragrant 10c

CLEOME.

Annual: free flowering and handsome.

Purple and Rose 10c

CLIANTHUS.

Glory Pea of Australia, magnificent plant: should be grown in light, rich soil.

Dampieri, has brilliant scarlet flowers, with intense black spots in center: beautiful: 4 feet 25c

CLINTONIA.

Annual, pretty and neat: has blue, white and yellow flowers, like Lobelia 5c

COBCEA (Scandens).

Climbing plant: rapid grower and large bell shaped bowers, fine for summer: plant seed edgewise: 20 feet 10c

COCCINEA.

Climbing Plant, smooth, glossy leaves and showy white flowers: deep scarlet fruit 10c

COCKSCOMB (Celosia).

Annual plant, showy and attractive, half hardy.

Cristata, dwarf, crimson, fine: **Variegata**, new, brilliant, combs of crimson and gold. 10c

Japan, branching variety of great beauty: scarlet and crimson combs, like ruffled lace, in pyramidal masses. 10c

Tall and Dwarf varieties mixed 10c

COLENS.

Ornamental foliage plant: leaves of all shapes and colors, of velvety appearance and great beauty. Splendid flower for garden decoration. Finest hybrid mixed 25c

COLLINSIA.

California annual: marbled or many colored, for beds and borders. 5c

COMELINA.

Tender perennial, tuberous root, rich and beautiful flowers of blue and white: roots can be taken up and planted like Dahlias: 2 feet high 5c

COLLOMIA.

Hardy annual, fine for borders and baskets, buff flowers 5c

CONVOLVULUS MAJOR (Morning Glory).

Varieties and colors too well known for description: white, dark blue, blood red, rose and striped, growing 20 feet high, mixed colors or separate. 5c

CONVOLVULUS MINOR.

Hardy annual, largely used for bedding and borders, their brilliant colored flowers producing a fine effect. Colors violet, striped blue and white, pure white, etc.

Separate or mixed 5c

Mauritanicus, is a fine creeper, blue flowers and splendid for basket and rock work 5c

COWSLIP.

Hardy perennial, useful for borders.

English Mixed 5c

CREPIS (Hawkweed).

Annual of easy culture and abundant bloomer: red, white and yellow 5c

CUCUMIS.

Ornamental Cucumber Climber, 6 feet: remarkable for rapid growth, and curious fruit 5c

CUPHEA (Cigar Plant).

Tender perennial, 3 to 4 feet high: a profuse bloomer: fine for ornamentation of garden or greenhouse 10c

CYCLAMEN.

Greenhouse plant of rich bloom and much esteemed for making bouquets and baskets: half hardy perennial: mixed varieties 25c

CYCLANTHERA.

Climbing plant, 10 feet high; half-hardy annual; bears oval-shaped fruit, which explodes when ripe 10c

CYPRUS VINE (Ipomoea Quamaoclit).

Climbing Annual, 15 feet; popular, elegant and graceful; different colors, scarlet, white and rose. 5c

DAHLIA.

Tuberous root, hardy perennial; seed of finest mixed colors 10c

DATURA (Trumpet Flower).

Hardy annual; 3 feet; ornamental plant; flowers trumpet-shaped, large and sweet-scented; purple and white 10c

DIANTHUS.

The most popular flower cultivated, the varieties of which are Pinks, Carnations, Picotees and Sweet Williams, the last three described elsewhere.

Chinensis (Chinese Pink), hardy annual; brilliant garden flowers; double, mixed 5c

Double Imperialis, annual, finest mixed 5c

Japanese Pink (Heddewigil), annual; flowers large and brilliant 5c

Diadem Pink, annual; dwarf, compact, luxuriant and dense double flowers of all shades 5c

Liciniatus Pink, annual, 1 foot, beautifully fringed, various colors; mixed 5c

Gardenarianus, perennial, 1½ feet, various colors; mixed 5c

DIDISCUS.

Didiscus Cœruleus, annual, half-hardy; very pretty blue border plant 5c

DIGITALIS (Foxglove).

Hardy perennials, 3 feet, handsome ornamental plant of stately growth and varied colors; mixed or separate colors. 5c

DICTAMNUS.

Hardy perennial, 2 feet, lemon scented, flowers white and blue 5c

DOLCHIOS (Hyacinth Bean).

A beautiful climber, flowers in clusters, purple and white, 10 feet 5c

EGG PLANT (Solanum).

Ornamental and handsome egg-shaped fruit, white and scarlet, 1½ feet, tender annual 5c

ERYSIMUM.

Annual, 1½ feet, free-flowering and showy for beds or border, sulphur yellow and deeper orange shades 5c

ERYTHINIA (Coral Tree).

A five-foot shrub, bears large spikes of pea-shaped blossoms, deep scarlet 25c

ESCHSCHOLTZIA (California Poppy).

A hardy annual, profuse bloomer, with rich and beautiful colors; continues in bloom until frost; varieties.

Bright Yellow, orange center; **Floro-Plono-Albo**, beautiful double, white flowers; **Mandarin**, brilliant mandarin scarlet, the inner surface looking like beautiful floss silk 10c

Fine Mixed, all colors 5c

EUPATORIUM.

Herbaceous plant, hardy, showy flowers in beautiful bunches, fine for bouquets 10c

EUPHORBIA.

Ornamental annual, leaves edged with white, 1½ feet 5c

EUTOCA.

Annual, desirable for cut flowers, blue and lilac, 6 inches 5c

FENZLIA.

Hardy annual, dwarf plant, suited for rustic baskets, etc., flowers rosy lilac and orange 5c

FERNS.

A graceful class of plants; choice mixed seed 10c

FUSCHIA.

Tender perennials. A beautiful plant blooming all the season; mixed 25c

FORGET-ME-NOT (Myosotis.)

Perennial; very popular and beautiful; will grow in any moist situation; 6 inches.

Palustris, blue; **Alba**, white 10c

Azorica, flowers rich blue, shaded with purple 10c

Semperflorus, a charming dwarf of fine growth 10c

GAILLARDIA.

Annual, 1 foot, of easy culture, thriving in any garden soil, fine for masses; diversified colors, mixed 10c

GAUREA.

Annual, spikes of white flowers, profuse bloomer and fine for bouquets 5c

GERANIUM (Pelargonium).

Beautiful plants for pot culture or flower garden.

Finest Mixed 25c

Apple-scented, very fragrant 25c

Lady Washington and other fancy varieties 25c

GEUM.

A hardy perennial, with bright scarlet flowers 5c

GALLIA.

A hardy annual; makes pretty masses or clumps of flowers; blue, white, lilac and purple, mixed 5c

GLADIOLAS.

Bulbous; seed saved from choice flowers; beautiful summer flowering bulb 5c

GLAUCIUM (HornPoppy).

Showy plant, silvery leaves, deeply cut and curved, bell-shaped, orange flowers 10c

GOMPHRENA (Everlasting Flower).

Globe Amaranth, **Batchelor Buttons**, white, purple, variegated and mixed 5c

GLOXINIA.

Hothouse plant, produces flowers of richest colors, thrives best in loamy soils; finest Hybrid 25c

GODETIA.

A hardy annual, a profuse bloomer of delicate tints of color and a universal favorite.
 Choicest and best Varieties, separate 10c
 Fine mixed 5c

GRAPHALIMUM.

The **Edelweiss** of the Alps. Flowers pure white, star shaped, downy and greatly fringed. 25c

GYSOPHILA.

Annual, elegant and free flowering, fine for rustic work and edging or bouquets 5c

GOURDS (Climbers).

Tender annuals, very desirable for trellis work, arbors, etc., being of rapid growth. They are of varied forms.

Bottle Shaped, Pear Shaped, Egg Shaped, Club Shaped, Orange, Turban, Dipper, Powder Horn, etc., separate. 10c
 Fine Mixed Varieties. 5c

HELIOTROPE.

Perennial. A deliciously fragrant plant, fine for bedding and pot culture: 18 inches; choicest mixed 10c

HELICHRISUM (Everlasting Flower).

Ornamental and admired for beauty of flower when dried; retain their color for years; hardy annual 5c

HEDYSARUM.

Hardy perennial, a native of Italy.
 Red and White, mixed 5c

HIBISCUS.

Hardy annual, showy and ornamental.
Africanus, rich, cream brown center. 5c
California, herbaceous, gives a mass of pure white flowers 5c

HOLLYHOCK.

Old favorites, need no description; magnificent improved varieties. 5c

HONESTY.

Lunaria or **Satin Flower**, an interesting plant; seed vessels look like transparent silver; handsome for bouquets of dried flowers; hardy perennial; 2 feet 5c

HUMEA.

Half hardy biennial, makes a beautiful decoration in gardens or pleasure grounds; flowers ruby red, in drooping racemes; 4 to 8 feet high 10c

HUNNEMARIA.

Perennial, herbaceous plant: pretty, yellow, tulip-shaped flower. 10c

ICE PLANT (Mesembryanthemum).

Annual; dwarf trailer, with thick fleshy leaves, having the appearance of being covered with ice crystals 5c

IPOMEEA [Convolvulus].

A beautiful climber, useful in covering trellises, arbors, etc.

Bona Nox, or **Evening Glory**, flowers white and fragrant, blooming in the evening; 10 feet 5c

Buridgii, rose and crimson; **Coccinea**, scarlet; **Limbata**, blue and white; 10 ft.: either separate or mixed 5c

IPOMOPSIS.

Biennial; a beautiful plant with long spikes of orange and scarlet 5c

KAULFUSSIA.

Dwarf annual, like an Aster; pretty branching and free flowering: mixed colors. 5c

LARKSPUR (Delphinium).

A hardy annual, desirable and beautiful; flowers mostly blue.

Dwarf Rocket, finest double, 1 foot. 5c
Tall Rocket, finest mixed double, 2 feet 5c
Branching Stockflower, blooms all the season. 5c

LATHYRUS (Perennial Peas).

Ornamental and useful climbers; crimson, white and mixed varieties 5c

LAVENDULA (Lavender.)

Prized for its fragrant violet flowers; does best in a dry, gravelly soil; hardy perennial. 5c

LAVETERA.

Annual, showy and profuse bloomer, rose and white; 3 feet 5c

LEPTOSIPHON.

Hardy annual; beautiful dwarf, for lines and ribbon beds; white and yellow.
 Mixed 5c

LIMNATHES DOUGLASII.

Dwarf, yellow and white, fragrant; 6 inches; hardy annual 5c

LINARIA.

Annual, handsome for rock work, ribbon lines, etc.: white and purple 5c

LINUM (Flowering Flax).

Conspicuous for its brilliant colors.
Flavum, yellow, 1 foot, perennial 10c
Grandiflorum, scarlet, 1 foot, annual 5c

LOASA (Climber).

Six feet, flowers profusely through the season, half hardy perennial 10c

LOBELIA.

Annuals. An elegant dwarf of easy culture, fine for borders, ribbon beds and for vases and hanging baskets.

Erinus Alba, pure white; **Paxtonia**, white with blue belt, both splendid 10c
Crystal Palace and **Gracilea**, blue, fine bedding. 10c
Erinus and above, finest mixed 10c
Fulgens, is a perennial, 2 feet in height, of brilliant scarlet 20c
Cardinalis, or **Cardinal Flower**, is perfectly hardy, growing to 4 feet; flower spikes long and of intense vermilion 10c

LOPHOSPERMUM (Climber).

Very ornamental, with large, handsome flowers, rosy carmine; 10 feet. 10c

LUPINUS.

Hardy annuals, desirable in every garden; colors rich and varied; valuable for mixed flower borders or for bedding; colors blue, white and purple, violet brown and yellow scarlet, etc., separate or in mixed varieties. 5c

LYCHNIS.

Hardy perennial. A handsome ornamental plant for flower and shrubbery borders; scarlet and scarlet and orange, mixed. 5c

MALOPE.

Annual. Handsome plant of branching habit, flowering profusely, crimson. 5c

MARIGOLD.

A showy and brilliant annual.

African, is the tallest, 2 feet; quilled orange brown and yellow, mixed. 5c

French, is of dwarf habit and more compact. 5c

MARVEL OF PERU (Four-O'clock.)

One of the most ornamental flowering plants. They are quite fragrant flowers, expanding in the evening.

Longifolia, long flower, pure white and fragrant. 5c

Mixed varieties, white, yellow and violet. 5c

MARTYNIA.

Annual, free flowering, of easy culture and hardy, sweet-scented; yellow and purple. 5c

MATRICARIA (Feverfew).

Perennial.

Eximia, double white, beautifully extra curled. 25c

Alba Plenissima, is a fine double white. 15c

MAURANDYA (Climber).

Very graceful for training on trellis work, verandas, etc., perennial, flowers the first season from seed; 10 feet; violet, pink, purple and white and mixed. 10c

MIGNONETTE.

A hardy annual, well known and esteemed for its fragrance.

Sweet, large flower, is very fragrant; (per ounce, 25 cents). 5c

Pyramidalis, is a distinct sort, attaining a large size. 5c

Parson's New White, is very desirable. 5c

Hybrid Spiral, is different, producing long spikes, of most abundant bloom and deliciously fragrant. 5c

Machot, are dwarf, but vigorous growth, with thick, dark green leaves, and highly fragrant, red flowers. 5c

MIMULUS (Monkey Flower).

A perennial, brilliant, free flowering plant. Luxuriates in damp, shady spots, but adapted to pots or open culture.

Cardinalis, is a beautiful scarlet, 1 foot. 10c

Tigrinum, very beautiful, blotched and spotted. 10c

Roseus Superba, is more bushy, 16 inches high, rose-colored and spotted flowers. 10c

MOSCHATUS (Musk Plant).

Yellow, strong musk flavor. 10c

MORNING GLORY.

See *Convolvulus*.

MOMONDICA.

A trailing plant, ornamental foliage and singular fruit.

Balsam Apple, fine orange color, 10 feet. 5c

Balsam Pear, golden yellow, 10 feet. 5c

NASTURTION (*Tropæolum Minor*).

Dwarf, excellent for beds, masses and groups, or planting in ribbon style with other bedding plants; hardy annuals; stand heat and drought wonderfully; scarlet, red, yellow, white and spotted. 5c

Tom Thumb, variety. 5c

NASTURTION (*Tropæolum Majus*).

Tall, most valuable and desirable climbers, 8 to 10 feet in height, handsome and pleasing; all colors, separate or mixed. 5c

NEMOPHILA.

A charming dwarf annual, neat, compact and of uniform growth, adapted for beds and borders; fine mixed varieties. 5c

NEMESIA.

Pretty dwarf annual of various colors. 5c

NIEREMBERGIA.

A pretty, half hardy plant for flower beds, of a shrubby character; flowers white, blue and purple. 5c

NIGELLA.

A curious and interesting annual of easy culture and free bloomers; handsome foliage.

Hispanica (Love in a Mist), pure white and blue. 5c

Damascena (Devil in a bush), double blue and white. 5c

NOLANO.

Very pretty trailing plant, excellent for hanging baskets and rustic work. 5c

NYCTERINIA.

A sweet-scented little plant with large head of star flowers, white and pink, with yellow center, suited for rock work and edgings; half hardy perennial; 6 inches. 5c

OBELISCARIA.

A bold, showy plant, with velvety, crimson flowers with yellow edge; 6 inches; half hardy perennial. 5c

ENOTHERA. (Evening Primrose).

Beautiful, free growing and useful, flowering in long spikes, fine for beds or borders.

Odorato, true Evening Primrose, hardy annual, yellow and sweet-scented, 1 foot. 5c

Acaulis, large flowers, blossoms silver white. 10c

Vetchii, large, yellow, with crimson spots. 10c

Lamarkiana, flowers bright yellow, 3 to 4 inches in diameter, in great profusion. 10c

Fine mixed varieties. 5c

OXALIS.

Perennial. A beautiful plant, with rich colored flowers, fine for decorations, basket work, etc. 10c

OXYURA.

Showy and free flowering; flowers golden yellow, beautifully fringed 5c

PANSY (Viola Tricolor).

This a great favorite for all flower gardens. It is biennial and can be perpetuated by division of the roots. Seeds sown in the autumn produce earlier and better flowers the coming season. They require good rich soil.

Colors, rich Golden Yellow, Intense Blue, Azure Blue, Bronze, Pure White, Striped and Blotched, Violet, Gold Margin, King of the Blacks, etc., all fine varieties, separate 10c
Extra fine mixed German 10c

PALAFOXIA.

Fine annual, flowers rosy crimson with dark center 5c

PENTSTEMON.

Perennial herbaceous plant, with long spikes of rich-colored flowers, scarlet, purple, blue, rose, white and striped: separate or mixed 10c

PERILLA.

Annual, ornamental, leaf broad and serrated, of mulberry color: 2 feet 5c

PETUNIA.

A hardy annual, unequalled for out door decoration for borders or bedding.

Hybrida Grandiflora, rich crimson, large flower. 20c

Fimbriata, new, finely fringed and blotched and mixed colors 20c

Double Dwarf, compact and beautiful, desirable for pots or massing 20c

Pure White. 10c

Fine mixed varieties 10c

PHASCELOS.

An ornamental climbing bean, 10 feet.

Scarlet Runner, dazzling scarlet flower 5c

White Runner, white 5c

Painted Lady, flowers red and white 5c

PHLOX.

A magnificent hardy annual of great brilliancy and variety of colors, long bloomers and splendid bedding flowers.

Drommondii, Pure White, Brilliant Scarlet, Blue and White, Blood Purple, Black Warrior (deep purple), Pure Rose, etc.: separate. 10c

Mixed Drommondii, finest varieties 10c

Mixed Drommondii Grandiflora, larger than the above 15c

Perennial Phlox, mixed, very hardy, splendid sorts. 15c

PINKS.

See Dianthus.

PODOLEPSIS.

Half hardy annual, graceful, free flowering and fine for beds or borders 5c

POPPY.

An annual, with brilliant and showy flowers.

Carnation, double fringed, mixed colors 5c

Peony-flowered, large, and fine double 5c

Ranunculus - flowered, African rose, mixed 5c

Oriental, brilliant scarlet. 5c

Somniferum (Opium Poppy), perennial, large double flowers 5c

PORTULACA.

This is one of the most charming annuals, of easy culture and luxuriating in any sunny spot. Flowers, of almost every shade, in great profusion.

Splendid, mixed or colors separate 5c

Double Rose-flowered, extra selected, mixed 10c

PRIMULA (CHINESE PRIMROSE).

Beautiful and fine for parlor or greenhouse. Most charming flowers for winter or spring.

Sinensis Fimbriata, very choice mixed. 25c

Coccinea, flower large and beautiful crimson 25c

Double-flowered, mostly double, various colors, mixed 25c

POLYANTHUS.

A hardy spring flower and great favorite, extra mixed colors 20c

PYRETHREUM (FEVERFEW).

A hardy perennial, free flowering and handsome. Fine for flower borders, etc.; herbaceous plants, 1½ feet.

Hybridum, beautiful form, double flowers 20c

Golden Feather, dwarf, gold leaf, fine for beds or ribbon planting 10c

Double White, very fine double 10c

Carneum (Cineraria folium), the true Insect Powder flower of Persia and California: 25 cents per ounce, or 5c

RHODANTHE (EVERLASTING FLOWER)

Everlasting flower, very valuable for winter bouquets, and also desirable for pot plants or for the garden 10c

RHODENDRUM.

Evergreen shrub, magnificent and free flowering; thrives best in a peaty soil. 10c

ROCKET (HESPERIS.)

A hardy perennial, well known, free flowering and very fragrant; purple and white 5c

SALPIOGLOSSIS.

Autumn blooming annual, funnel-shaped flowers, varied and mottled scarlet and blue, finest mixed 10c

SALVIA (FLOWERING SAGE).

Scarlet and blue. A most gorgeous plant. Patten's, splendid deep blue, the best, 3 ft. 20c
Splendens, scarletsage, very bright, 3 ft. 10c

SANVITALIA.

Annual, dwarf and compact, golden yellow flowers, fine in beds and masses. 10c

SAAPONARIA.

Dwarf annual, long bloomer, rose and white flowers, beautiful 10c

SCABIOSA (MOURNING BRIDE).

A hardy annual, very showy and excellent for beds and for cut flowers. White, rose and purple shades.

Dwarf varieties, separate or mixed 5c

Tall varieties, separate or mixed 5c

SENSITIVE PLANT (MIMOSA PUDICA).

Leaves close when slightly touched; suitable for pots and borders: 1 foot 10c

SEDUM.

Hardy annual, grows freely on rocks and desirable for rustic work; blue..... 10c

SENECIO.

Perennial, from South Africa, free flowering and half hardy, blooming all the season in the garden and greenhouse in the winter..... 10c

SILENE.

An attractive flower, adapted for summer beds, ribbon and rock work..... 5c

SMILAX (MYRSIPHYLEUM).

This is the most popular and graceful evergreen vine in cultivation, adapted for hanging baskets and pot culture, floral wreaths, etc. 20c

STATICE (EVERLASTING).

An interesting, free flowering plant of easy culture, long-blooming and valuable for winter bouquets; perennial; fine mixed 10c

STOCK (GILLIFLOWER, MATHIOLA).

One of the most valuable garden plants, and highly esteemed for their beauty, fragrance and brilliant, showy beds.

German Ten Weeks, all colors; **Pure White, Scarlet, Purple**, etc., **Dwarf**, separate colors or finest mixed..... 10c

Large-flowered Pyramidal, very fine... 10c

Intermediate Stocks, are valuable for late flowering and for pots for spring bloom; scarlet, White purple or mixed varieties..... 10c

Emperor, or perpetual bloomer, mixed... 10c

Brompton or Winter Stock, finest mixed..... 10c

SWEET PEAS.

Fragrant and beautiful climbers; bloom all the season and admirable for screens and trailing; hardy annuals.

Scarlet Invincible, Striped, Painted Lady, purple white, etc., separate or mixed; per ounce, 15 cents..... 5c

Perennial Pea, mixed colors, 15c per oz.. 5c

SWEET WILLIAM (DIANTHUS BARBATUS).

A well known perennial, perfectly hardy, easily grown and of extreme richness and diversity of color; 1½ feet.

Auricula-flowered, trusses of immense size and beautiful colors; finest mixed... 10c

Double-flowering, from choicest collection..... 10c

Fine mixed..... 5c

TRITOMA (RED HOT POKER).

Herbaceous plant, growing about 3 feet high, flower spikes 1 foot, colors yellow to deep scarlet, blooms through the season and gives a striking effect..... 5c

THUNBERGIA (CLIMBER.)

Three to six feet; very ornamental and of rapid growth. The flowers are very much admired. Colors—red, white, half, and bright orange, separate or mixed..... 5c

TROPEOLUM (MINOR AND MAJOR).

See **Nasturtion**.

VALERIANA.

A handsome, hardy plant, 2 feet high, with long heads of fragrant flowers, scarlet and white..... 5c

VERBENA.

A universally admired plant, blooming freely the first year; perennial.

Hybrida, finest colors mixed..... 10c

Scarlet, White and Striped, separate... 10c

Montana, a hardy variety from the Rocky Mountains; rose and lilac... 10c

VERONICA.

Handsome herbaceous plant; blue and rose. 10c

VINCA (PERIWINKLE).

A beautiful greenhouse plant, 18 inches in height; rosy and pure white..... 10c

VIOLET (VIOLA).

A great favorite, from its beauty, long-continued bloom and delightful fragrance.

Blue Sweet..... 10c

Alba, white..... 10c

Lutea, yellow..... 10c

VIRGINIA STOCK.

A beautiful little plant for beds, baskets or edging, growing freely in any soil..... 10c

VISCARIA.

Handsome annual, 1 foot high; brilliant crimson, pink and white..... 5c

WALLFLOWER.

A plant well known and much esteemed for its fragrance and bright, showy yellow and blood-colored flowers.

Single, mixed..... 5c

Double, mixed..... 10c

WHITLAVIA.

A dwarf annual, growing in clumps. The flowers are bell-shaped and beautiful; grows in any soil; violet blue, and white with blue lips..... 5c

WAITZIA (EVERLASTING).

Yellow flowers, borne in clusters; fine for dried flowers..... 10c

Observe our Collections of **VEGETABLE AND FLOWER SEEDS** on page 8.

In ordering, be sure to send money for the same, which may be done at our expense.

CATALOGUE

OF

Hardy Bulbs, Flowering Roots, Plants, &c.

These are very desirable, affording, as they do, a great profusion of blossoms and flowers at the season when but few other plants will bloom in outdoor culture.

FOR WINTER AND EARLY SPRING BLOOMERS, NO HOME CAN BE SO PLEASANTLY AND EASILY BEAUTIFIED AS WITH A FEW HYACINTHS, TULIPS, LILIES, NARCISSUS, ETC.

Bear in mind, however, that these Bulbs should be secured and planted in *October, November and December.*

Do not wait and send in your orders in the later winter and spring months, but order at once while our stock is in prime order and before the Bulbs lose much of their vitality, and our supply is exhausted.

All our Bulbs will be mailed, postage prepaid by us, at our single and dozen Catalogue rates.

All potted Bulbs and Plants will be forwarded at the cost of our customers by mail, express or freight as may be most practicable for their arrival in good condition. Always send the money with your order.

HYACINTHS.

These are among the most admired and fragrant flowers in cultivation, and succeed well in the house or garden, adorning them with their varied colors and delicious fragrance.

These Bulbs should be planted as early as possible before heavy frosts. They succeed well in very good well-drained soil; dig deep, mix the soil with well decomposed manure, setting the bulbs 3 or 4 inches deep and 6 to 10 inches apart, using a little sand around them.

The flowers may be cut freely without injury to the bulb. When through flowering remove the tops and the bulbs can be lifted and kept in a dry place for the next season's planting.

For Pot Culture—Put into 4 or 5 in. pots, firming the soil till covered, water thoroughly and set pots in a dark, cool place for three or four weeks—which will allow the roots to grow and spread through the soil, then bring to the light, for the top growth, a temperature of 55 to 70° is best, water frequently.

Glass Culture—Dark glass is best; fill with water to the base of the bulb and set away in the dark as for pot culture, add water as it evaporates. Change water when impure, cleansing the roots at the same time. A small piece of charcoal in the water will aid in keeping the water pure. The single succeed best in glass. All do well in open beds and pots.

UNNAMED HYACINTHS.

15 cts. each; \$1 25 per doz; \$8 00 per 100.

COLORS SEPARATE.

Double Red,	Single Red,
Double Blue,	Single Blue,
Double White,	Single White,
Double Yellow,	Single Yellow,
Double Mixed,	Single Mixed.

EARLY ROMAN HYACINTHS (White).

10 cts. each; \$1 00 per doz.; \$6 00 per 100.

FINEST NAMED HYACINTHS.

	EACH.	DOZ.
Single and Double, all colors	20	\$2 00

TULIPS.

What is more pleasing to the eye than a good bed of tulips? Their profusion of colors, brilliancy and beautiful shading make them great favorites. They grow in any good, common soil with great ease. The culture is the same as for the Hyacinth.

SINGLE EARLY TULIPS.

Named Sorts, per dozen.	75c
Unnamed, per dozen	50c
Double Tulips, named, per dozen	75c
Unnamed, per dozen	50c

LATE AND SHOW TULIPS.

For open ground culture. These are much taller than the preceding, are used singly and are a marvel of beauty; per dozen ... 75c

PARROT TULIPS.

All shades — red, variegated, yellow and mixed; 5 cts. each; per dozen ... 50c

NARCISSUS.

These are hardy and after planting can remain in the ground for years, but should, like the Hyacinth, be planted in the late fall months.

DOUBLE VARIETIES.

10 cts. each; \$1 00 per doz.

Double White, sweet-scented; Large Yellow; Orange Phoenix, white and yellow; Sulphur Crown.

SINGLE VARIETIES.

10 cts. each; 75 cts. per doz.

Poeticus, Bifloras, Trumpet, etc.

POLYANTHUS NARCISSUS.

Named Varieties, per dozen	\$1 50
Mixed Sorts, per dozen	1 00

ANEMONES.

Are very brilliant; single most brilliant.

Double and Single, per dozen ... 30c

CROCUS.

Unnamed Varieties, best separate colors, blue, white striped and yellow, 15 cts. each, per dozen; per 100 ... \$1 00

IRIS.

English Mixed, per dozen	75c
Spanish Mixed, per dozen	50c

RANUNCULUS.

French, Persian and Turban, finest mixed varieties, per dozen ... 25c

SNOWDROPS.

This is a fine, early spring flower, white as snow.

Double, per dozen	25c
Single, per dozen	25c

CHINESE PÆONIES.

In Variety	EACH.	DOZ.
	20	\$2 00

TUBEROSE.

Pearl	10	1 00
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DICENTRAS.

Bleeding Heart	20	2 00
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LILY OF THE VALLEY.

In clumps of 50 to 100 buds, each.	10c
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GLADIOLAS.

Later in the season, per dozen	50c to \$2 00
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LILIES,

In good variety, such as—

	EACH.	DOZ.
Auratum, or Golden Japan	25	
Candidum, white, single, fragrant.	15	
Lancifolium, Japan, Album, Roseum, and Rubrum	25	
Longiflorum, pure white	15	
Tigrinum, orange-potted	15	

We have a fine importation of Japan Bulbs and Plants, Flowering Shrubs and other rare ornamental trees, etc., prices for which will be furnished on arrival and application.

In the list we will have Camelias, Magnolias, Japan Lotus, Golden and Red-fruited Blackberries, Japan Oranges, Double Blossom Cherries, Japan Persimmons, in variety, etc.

W. R. STRONG & CO.'S

DESCRIPTIVE CATALOGUE

—OF—

Trees and Nursery Stock,

FOR 1886-7.

❖ CAPITAL AND ORANGE HILL NURSERIES. ❖

ROBERT WILLIAMSON, the original founder and manager of these Nurseries, still has the management thereof. With his long experience, and the increased facilities of the present firm, we feel warranted in saying that we can compete with any Nursery on the Coast, and hope for a continuance of the liberal patronage so long enjoyed by these well-known and popular Nurseries.

Our headquarters and chief office is at our store, Nos. 102 to 110 J street, Sacramento, Cal.

We have greatly increased our facilities for carrying on this branch of our business by the purchase of one hundred and thirty acres of rich and most desirable land, well adapted for this purpose near this city. This, with the grounds previously used in Penryn, in Placer county, where we are constantly testing and proving the adaptability of fruits to our climate and soils, gives us unrivaled advantages.

Our stock this season is unusually large; trees very large and healthy, most of them trained low so as to protect themselves from the hot rays of the sun. For the past five years our buds and grafts have been taken from bearing trees fruited under our own observation, and we think they cannot fail to give satisfaction, especially when planted in similar climates and soils to that of Sacramento Valley and adjacent foothills. The great diversity of climates in this State makes it impossible to get the same results in all localities with the same fruit. For instance, some of our best fruits here are worthless in San Jose, and some of the best kinds there are of no value here.

Persons planting should try to find out what succeeds best in their particular climate.

(2) Different persons know fruits by different names, which sometimes causes planters to think they have been swindled, when they have actually got exactly what they ordered.

We regard fruit culture in California as being yet in its infancy; we think it is destined to become the paramount interest of the State. People generally are using more fruit than in former years, and as a proof of the success of the fruit interest in California, fruits of all kinds have brought better prices of late years than formerly. Our fruits are being sent to all parts of the world, and find a ready market. We are in the center of the commercial world, and from present indications we are to be the world's great fruit center. The low freights recently secured, and the lower rates which we still expect to get, will enable us to find market for all we can raise.

Principal Tree Depot, Second and H Sts., Near C. P. R. R. Passenger Depot.

I Those varieties which we consider most valuable we have cultivated in large quantity, and are indicated by an asterisk, thus (*).

We are also extensively engaged in Fruit Packing and Shipping, and flatter ourselves that we are competent to judge of the best kinds of fruit to grow for profit. We make it a point not to recommend or send out any new varieties until we have fully tested them ourselves, and proved them worthy of cultivation. Our Nurseries, so far, have been kept clear of the Scale Bug pest, and we are determined by constant vigilance to keep them so.

TERMS OF SALE.

First—The articles in the following list will be furnished at the annexed prices only, when the quantities specified are taken. Moreover, these prices are intended for a reasonable assortment of varieties. When parties order long lists of only one or two trees of a kind, for such bills extra charge will be made.

I Second—When parties order specific varieties we will follow their instructions so far as practicable. But as it often occurs that we have run out of certain varieties, or may not have of the age and size ordered, we reserve the right to substitute in such cases other varieties equally good, unless positively instructed not to do so.

I Third—We will use every effort to avoid mistakes in varieties, for we fully realize that our success in the nursery business depends upon the reliability of our labels; but as there is such a margin for mistakes and misunderstanding (as above indicated), we will not warrant against errors or apparent mistakes in varieties, only to this extent, we will replace free of charge, all trees that do not prove true to name, or we will refund in cash the original cost of such trees, with 10 per cent. interest per annum on said amount. (See fig. 2 on 1st page.)

Fourth—All trees are carefully labeled and packed in the best manner for shipping, for which a charge will be made sufficient to cover the cost of material and labor. As trees are often delayed in transit and roughly handled, it is much better to pay a small sum to have them securely packed than to have them poorly packed for nothing.

Fifth—All orders should be made in a separate list, and not mixed up with the body of the letter.

Write in a plain, legible hand, the name of the person and the place to which the goods are to go; also the route by which they are to be shipped. In the absence of such directions we will ship according to our best judgment, and will deliver to railroad or boat, all goods free of charge, but will not be responsible for accidents or delays which may occur in transit.

I TERMS OF PAYMENT.—CASH, or a sufficient guaranty that the money will be forwarded on receipt of trees.

For extra large trees and plants above the sizes mentioned, extra prices will be charged, and smaller ones lower in proportion.

Money may be sent by Express, Draft or Post-office Order, at our risk; but if sent in other way, at sender's risk.

I Agents wanted in every community, to whom a liberal commission will be paid. Correspondence solicited.

I Any error of ours in filling orders will be cheerfully rectified, on receiving notice, provided such notice be given within ten days from the receipt of goods.

Store and Principal Office, 102 to 110 J Street, Sacramento, Cal.

CATALOGUE.

In selecting varieties to propagate we have endeavored to select only such varieties as can be profitably cultivated on this Coast, though all may not succeed well in any one locality. Experience and observation have taught us that the most profitable orchards are those containing but a few choice kinds. It is a great mistake to plant a long list of kinds in one orchard.

A long list of varieties with a very few trees of a kind, is a provoking curse to the nurseryman, and a perpetual curse to the planter.

Apple Trees.

Our stock of Trees comprises all the leading and popular sorts, and is unsurpassed in vigor, thrift and hardiness. There is so much variation in climate on this Coast that the time of ripening of the several fruits can only be approximately named, and some apples that are classed as fall apples would be winter fruit in some localities. We would call special attention to our one-year extra apple trees; they are one year from bud, on strong roots, and are as large as two-year-old trees. We should prefer them to two-year trees to plant. A one-year tree has buds all along the body, hence a good head can be secured at any desired height.

PRICE—(50 TREES AT 100 RATES, AND 500 AT 1,000 RATES.)

	EACH.	PER 100	PER M
2 year, No. 1—5 to 7 feet, branched.	\$0 20	\$18 00	\$125 00
2 year, No. 2—4 to 5 feet, branched.	16	15 00	100 00
1 year old, No. 1—4 to 6 feet	16	15 00	100 00
1 year old, No. 2—3 to 4 feet	14	12 00	80 00
1 year, from bud, extra (very fine)	18	16 00	110 00

SUMMER APPLES.

Red June—Small to medium, deep red, juicy and good. Ripe about the 20th of June.

Early Harvest—Large, pale yellow, flavor mild, sub-acid. Ripens about the 20th of June.

***Red Astrachan**—Large, roundish, striped with deep crimson, thick bloom, very juicy and acid, good bearer; ripens in June.

***Williams' Favorite**—Large, oblong, light red, juicy and good; ripens early in July.

AUTUMN APPLES.

***Alexander**—Very large and beautiful, striped with red, one of the most profitable varieties for market; ripens about the 20th of July.

***White Astrachan**—Large, oblate, skin very smooth and white with faint red stripes, juicy, acid, valuable for market; ripens 10th to 20th of July.

***Gravenstein**—Large, roundish, striped, very productive and good for market; ripens last of July to 1st of August.

***Santa Clara King**—Large, roundish, skin yellow with red blush on exposed side, flesh crisp and juicy, good for all purposes; ripens 10th to 20th of August.

***Yellow Bellflower**—Large, oblong, pale yellow, flesh tender, sub-acid, very good; ripens in September.

***Rhode Island Greening**—Large, roundish, a little flattened, skin green, yellow flesh, tender, crisp, acid, juicy; ripens in October.

***King of Tompkins County**—Large, conical shaped, skin yellowish, striped with red, flesh juicy, tender, vinous flavor, very good; November to February.

WINTER APPLES.

***Esopus Spitzenberg**—Large, oblong, skin smooth, yellowish, covered with red stripes, flesh crisp and juicy, one of the best keepers; November to March.

Principal Tree Depot, Second and H Sts., Near C. P. R. R. Passenger Depot.

Baldwin—Beautiful, large, red apple, flesh white, crisp, very good; October to February.

Yellow Newton Pippin—Medium size, skin greenish yellow, flesh crisp, sub-acid, one of the very best, but does best in the Coast Counties; November to March.

Green Geneting (or **Virginia Greening**)—A large, late, green-colored apple, conical shape, smooth oily skin, flesh crisp and juicy, fine for cooking, a good shipper; October to March.

Swaar—Large, pale yellow, with exceedingly rich, aromatic flavor, good; November to March. Does best in the mountains.

Smith's Cider—Medium to large, skin yellowish with red stripes, flesh white, tender and crisp; November to March.

***Wine Sap**—Medium, roundish, deep red, tree hardy and good bearer; November to March. One of the best for the mountains.

White Winter Pearmain—Above medium size, skin pale yellow, flesh yellow, crisp and juicy, very good; ripens in October to February. Best in the Coast Counties.

***Nickajack**—Large, roundish, skin striped with crimson, flesh yellow, sub-acid flavor; November to February.

Jonathan—Above medium size, conical shape, red striped, sometimes quite red, a good keeper, especially in the Coast Counties.

Hoover—A large, deep red apple, good flavor, good bearer and fine keeper, one of the best; November to March. Does splendidly near the Coast.

***Merkley's Red**—A seedling variety of great promise. Original tree growing in the orchard of R. J. Merkley, on the Riverside road. Fruit large size, dark red, excellent flavor, crisp and juicy; a superior market variety.

The Violet—This is a new apple, raised by J. W. Violet, of Lone. It is one of the largest apples grown, averaging nearly as large as the Gloria Monda; conical shape, a beautiful red nearly all over, solid, firm and crisp, good flavor, fine shipper; September to January. Tree strong grower with upright habit; bark, on new wood, smooth, glossy and light, chestnut color, leaves quite peculiar—a rich glossy green. Trees, 2 year, \$1.00 each; good strong one year trees 75 cents each, \$6.00 per dozen, \$50.00 per hundred.

CRAB APPLES.

Yellow Siberian—Fruit about an inch in diameter, fine rich yellow; good for jelly.

Red Siberian—Same size as above, with brilliant red cheek.

Transcendent—A beautiful variety of large size, yellow flesh, with red cheek; very productive.

Hyslop—A large, beautiful red crab, one of the best.

Pears.

The following list includes most of the kinds that have proved valuable in our locality. A succession of good bearing varieties is all that is needed.

PRICE.	EACH.	PER 100.	PER M.
2 year, No. 1—5 to 6 feet, branched.	\$0 35	\$30 00	\$. . .
2 year, No. 2—4 to 5 feet, branched.	30	25 00	..
1 year, from bud, extra, 5 to 6 feet, mostly branched.	25	20 00	180 00
1 year, No. 1—from bud, 4 to 5 feet	20	18 00	150 00
1 year, No. 2—3 to 4 feet.	18	15 00	120 00

SUMMER PEARS.

Madeline—Medium size, pale yellowish green, flesh white, melting, juicy; 20th of June.

Bloodgood—Medium size, skin yellowish, sprinkled with russet, flesh yellowish white, buttery and melting; ripens July 1st.

Dearborn's Seedling—Small to medium, light yellow, flesh white, very juicy and melting; ripens 20th June.

***Bartlett**—This pear is too well known to need any description from us.

Store and Principal Office, 102 to 110 J Street, Sacramento, Cal.

AUTUMN PEARS.

Le Count—A new pear, recommended highly East, but we do not think much of it, though many still recommend it.

Kiefer's Hybrid—A large roundish pear, recommended highly, but we have not tasted it sufficiently to judge of its merits.

Chinese Pear—Fruit large, flavor not good, but tree highly ornamental, foliage large, rich green till late in Fall, when they turn red and hang a long time. The Chinamen will pay 12 to 15 cents a pound for the fruit; trees 1 year, No. 1, \$1 each.

Beurre Hardy—Fruit large, skin greenish, covered with light russet, flesh buttery, melting and juicy, one of the best, ships well; August.

Seckel—Small to medium, skin dull yellowish brown, with russet red cheek, flesh white, very juicy, perfection of flavor; last of August.

Beurre d'Anjo—Large round pear, one of the best, good shipper.

WINTER PEARS.

Beurre Clargeau—Fruit very large, skin yellow, covered with russet dots, flesh yellowish, good flavor, good shipper; September to December.

Easter Beurre—Fruit large, skin yellowish green, with russet dots, flesh white, rich flavor, long keeper.

Winter Nelis—Medium size, greenish, russet, melting and juicy, rich flavor, good shipper; October to December.

Beurre Boss—Large, long russet pear, good flavor and good shipper, one of the very best; October to April.

Winter Seckel—Above medium size, shaped much like the Bartlett and nearly as large, color and flavor much like the Fall Seckel, long keeper, good shipper.

Peaches.

In order to secure healthy and vigorous trees it is necessary to prune severely. Their tendency in this State is to develop an immense number of fruit buds, and as they are not destroyed by frost they produce more fruit than the tree can mature. The consequence is it is small and inferior. The tree should be trained low and pruned regularly every year. By this practice the breaking of limbs is avoided, and the fruit grows much larger and finer. Many new varieties have been produced in the past few years, so that the fruiting season has been materially lengthened. The following list contains most of the valuable kinds, but the period of ripening varies so much in different localities that the time given can only be considered approximate. GOOD PEACH TREES ARE SCARCE THIS SEASON.

PRICE.	EACH.	PER 100	PER M.
No. 1—4 to 6 feet high, branched	\$0 20	\$18 00	\$120 00
No. 2—3 to 4 feet high, branched	15	12 00	90 00
Extra large trees—6 to 8 feet, branched	25	20 00	150 00
500 at 1,000 rates.			

Dormant buds in quantity at special rates; prices on application.

FREESTONES.

Brigg's Red May—Fruit medium to large, deep red cheek, flesh firm, good market variety; 1st June.

Alexander—Medium size, white flesh, with clear red cheek; ripens here 10th June.

***Hale's Early**—Medium to large, white with red cheek, one of the best market varieties; ripens here 10th to 20th June.

Foster—A magnificent large, yellow peach, red cheek, good flavor; July.

***Early Crawford**—A magnificent large, yellow peach too well known to need any description from us; 1st July.

Late Crawford—Much the same as Early Crawford, but ripening two weeks later.

Jorts' Seedling—Origin, Sacramento; large, yellow flesh, with red cheek, excellent flavor; 10th of August.

- *Susquehanna**—Very large, yellow peach, red cheek, of best quality; July.
- Morris White**—Medium size, skin creamy, white, flesh white to stone, esteemed for canning; midsummer.
- Honest Abe** (California Seedling)—Very large, yellow flesh, with bright red cheeks, superior flavor; midsummer.
- Keyport White**—A large white peach, with red cheek, good for shipping, canning or drying; last of August.
- Ward's Late Free**—Large, white flesh peach, good for canning; September.
- *Salway**—Large, yellow peach, dull red cheek, good flavor, superior market variety; 1st September.
- *Bilyeu's Late October**—Large, white flesh, red cheek, very fine flavor, good shipper; ripens 20th October, tree strong grower, doesn't curl, freestone, does best in foothills.
- Wheatland**—A large yellow free, bright red cheek, ripening a little later than Late Crawford; bids fair to be one of our best peaches.
- Wager**—A large, yellow free, with pale red cheek, flesh quite dry, one of the best for drying, probably as good as the Muir.
- Muir**—Almost a fac simile of the Wager, a little higher color; an excellent peach for drying.
- Stilson** (California Seedling)—A very large, yellow fleshed peach, bright red cheeks with dark crimson stripes, one of the very best market sorts; ripens two weeks later than Late Crawford.
- Boquier** (California Seedling)—A very large, yellow peach with bright red cheeks, excellent flavor, good shipper, freestone; 1st September.

CLINGSTONES.

- Day's Yellow Cling** (California Seedling)—A very large, yellow flesh, with red cheek, good market variety; August.
- *Orange Cling**—A very large, yellow flesh, with red cheek, a well known variety; August.
- Heath Cling**—Large, white flesh, superior flavor; 1st September.
- *George's Late Cling** (California Seedling)—Very large, white flesh, with bright red cheek, superior quality; September.
- Chinese Cling**—A large white peach, splashed with red, very showy, fine looking peach, but soft and not valuable as a shipper, tree uniform and good bearer.
- Lemon Cling**—Large, yellow, with bright red cheek, a fine market peach, good shipper.
- Edwards' Cling** (The same called by C. W. Reed, the California)—A California seedling, produced by the late Mr. Edwards, near this city. It is a large, yellow fleshed peach, highly colored, a fine market or shipping fruit.
- Twenty Cunce Cling**—A very large, yellow fleshed cling, bright red cheek, one of the best clings, but does not usually bear heavy crops.

NEW AND RARE PEACHES.

- Blood Leaved Peach**—Leaves blood red, very beautiful as an ornamental tree; trees \$1 00 each.
- Tuscan Cling**—A very large, yellow cling, ripens same time as Early Crawford, a fine shipper, and its early ripening makes it very valuable. Trees, 50 cents each; \$30 per 100; \$250 per 1,000.
- Albright Cling** (A California Seedling)—A very large, yellow peach, with bright red cheek. A fine shipper and good peach in every particular. Trees, 50 cents each; \$30 per 100.
- Winter's Cling** (A Seedling from the Heath Cling)—Original tree raised by C. H. Wolskill, of Winters. The old tree is now 32 years old and still bearing good crops of fruit, and Mr. Wolskill says it has never curled or mildewed, while the Heath Cling does both. The Winters is almost a fac simile of the Heath, except it is slightly larger and much better shaped. It possesses all the excellent qualities of the Heath, is larger, color a beautiful creamy white, with red blush on exposed side; is white to the pit, and therefore a fine canning peach. It is very solid and a fine shipper. Trees, 50 cents each; \$30 per 100; \$200 per 1,000.
- McDevit Cling** (A California Seedling, raised by Neal McDevit, of Placer County)—This is one of the largest peaches we have ever seen, many of them weighing one pound

each; peaches very uniform in size, rich golden yellow, becoming quite red when ripe, flesh very solid and firm, an excellent shipper, superior flavor; tree a good and regular bearer. Dormant buds, 25 cents each; \$20 per 100. (No one-year-old trees.)

NECTARINE TREES.

PRICE.	EACH.	PER 100.
No. 1—4 to 6 feet, branched.	\$0 20	\$15 00
No. 2—3 to 4 feet, branched.	15	12 50
New White —Large, creamy white, freestone; very superior for drying.		
Stanwick —Large, greenish white, splashed with red; freestone.		
Boston —Medium to large, red freestone, fine flavor, good for drying.		
Clement's Nectarine —A large, red nectarine, good flavor, will make a good shipper; tree a good and regular bearer.		

Apricots.

This fruit is produced in large quantities, and seems to be profitable to the growers. As all varieties seem to be equally hardy, and the limit of the season is short, it is proper to grow only such as are large and productive. The following will ripen in succession as named:

PRICE.	EACH.	PER 100.	PER M.
1st Class, 5 to 6 feet, branched.	\$0 25	\$20 00	\$150 00
2d Class, 3 to 5 feet, branched.	20	15 00	120 00

Routier's Peach Apricot—A new kind, from Mr. Routier's orchard. Large size, skin yellow in the shade, deep orange mottled, or splashed with red, in the sun; flesh rich and juicy, very high flavor; the earliest good market variety.

Early Royal—Medium size, good flavor, very productive.

Moorpark—Large, orange color, moderate bearer, but of the highest flavor.

Hemskirk—Very much like the Moorpark; one of the best; tree good bearer.

The Gorley Apricot—A new seedling, raised by Robert Gorley, near Freeport, in this County. It is large and earlier than any other apricot in cultivation. Its large size, good flavor and very early ripening makes it exceedingly valuable. A small orchard of it would be a fortune, especially in an early locality. Trees, 50 cents each; \$35 per \$100.

Plums and Prunes.

The Plum and Prune succeeds admirably in this State, and we can and should not only produce for home consumption, but export large quantities, instead of importing. Many varieties of Plums and Prunes have a tendency to over-bear, and, to secure a good article, the fruit should be carefully thinned out. This should be done when it is one-third to one-half grown. Those who are willing to take these pains will be amply repaid by a superior quality of fruit, and a more remunerative price.

PRICES ON PEACH ROOT.

	EACH.	PER 100.	PER M.
2 year, No. 1—5 to 7 feet, branched	\$0 25	\$20 00	\$150 00
2 year, No. 2—3 to 5 feet, branched.	18	15 00	110 00
1 year, from bud, No. 1—5 to 7 feet.	18	15 00	110 00
1 year, from bud, No. 2—4 to 5 feet.	15	10 00	90 00

PRICES ON MYRABULEN ROOT.

1 year, from bud, No. 1—4 to 6 feet.	\$0 18	15 00	120 00
1 year, from bud, No. 2—3 to 4 feet.	15	12 00	100 00

Peach Plum—Fruit very large, round, greenish white, with red cheek; flesh yellow, sweet and firm; early; good for shipping.

***Columbia**—Fruit large size; skin brownish purple, with fawn colored specks; flesh yellow, sugary; excellent; one of the best for shipping.

Bradshaw—Fruit large; skin dark red; flesh firm, juicy and good.

Duane's Purple—Large, reddish purple; flesh juicy and moderately sweet; good shipper.

Victoria (or Oakshade Prune)—Medium size, beautiful red plum; good shipper, and superior for drying, being very free and quite a dry meated plum; very prolific.

Coe's Golden Drop—Fruit large, oval; flesh yellow, firm, rich and sweet; adheres to stone; good for canning and ships well.

***Gros Prune D'Agen** (Hungarian Prune)—Very large, oval, violet red; very prolific, often growing double; good flavor; a valuable market kind; best shipper.

***Petit Prune D'Agen** (French Prune)—Small to medium, reddish purple, very sweet, parts freely from stone; one of the best varieties for drying as a prune.

***Silver Prune**—Originated in Oregon. The fruit is a fac simile of Coe's Golden Drop, except it is a darker green, and it is yet a question whether it should be called a prune or a plum. It is said to be a very superior shipper, and it certainly makes an excellent dried fruit, either pitted or unpitted.

Yellow Egg—A very large elongated plum; golden yellow; adheres to the stone; quite juicy, rich sub-acid flavor; the best known canning variety, and ships well.

Washington—Large, round, greenish yellow; good for canning or drying.

Imperial Gage—Medium size, slightly elongated, greenish yellow; sweet and juicy, good for canning or drying.

Bulgarian Prune—A very prolific, dark colored prune, larger than the French Prune, and by some considered a very valuable prune, but we have not yet tested it sufficient to judge of its value.

Prune D'Agen (or Prune d'Ent)—Very like the Petit or French Prune, only larger and more desirable, if it will yield as well and make as good a product when dry, which we think it will. It will not grow on peach root, but must be grown on plum root. This is the same prune recommended by Felix Gillett, of Nevada City, as the true Gros Prune.

***Japanese Plum** (Known as the Kelsey Plum)—Fruit very large, as large as an ordinary peach; roundish, or inclined to be conical; color greenish yellow, with faint red cheek; adheres closely to the pit, which is very small; flesh firm and juicy; it is the best keeper known. We have kept them this year in a perfect state of preservation for thirty days after being picked from the tree. We know of no plum that can be shipped so long a distance: tree hardy, but a slow grower, inclined to dwarf; a heavy and regular bearer.

Price of trees (on myrabulen root)—2 years, 4 to 6 feet, 50 cents each, \$40 per 100; 1 year, 3½ to 5 feet, 35 cents each, \$30 per 100; in dormant bud, 20 cents each, \$15 per 100

Tragedy Prune—A new prune, originated by Mr. Runyon, near Courtland, in this county. It would seem to be a cross between the German Prune and Purple Duane. Fruit medium size, nearly as large as the Duane Purple Plum; looks much like it, only it is more elongated; skin dark purple, flesh yellowish green, very rich and sweet, frees readily from the pit. Its early ripening (in June) makes it very valuable as a shipping fruit. Coming as it does before any other good plum, it will always bring fancy prices, both in the local and Eastern market. So far, it has no rival. We have it only in dormant bud; we believe it has never been worked before. Dormant buds, on myrabulen roots, 25 cents each, \$20 per 100, \$150 per 1,000. The first to get orchards of this fruit will make money.

Cherries.

As a pleasant and refreshing dessert fruit the cherry is everywhere highly esteemed. The early season at which it ripens, its juiciness, delicacy and richness render it always acceptable. It thrives best in rich, dry loam. The trees should be trained low, that the foliage may protect the trunk, which should never be exposed to the sun. We cultivate only a few of the leading kinds, a brief description of which may be found below.

PRICE.	EACH.	PER 100.	PER M
2 year, No. 1—5 to 7 feet branched.....	\$0 35	\$30 00	\$
1 year, from bud, Extra—6 to 8 ft. mostly branched...	25	20 00	160 00
1 year, from bud, No. 1—4 to 6 feet.....	20	18 00	150 00
1 year, from bud, No. 2—3 to 4 feet.....	18	15 00	120 00

- Knight's Early Black**—Large, black, tender, juicy, rich and high flavored; early.
- Early Purple**—Guigne, medium size, black, quite early.
- *Black Tartarian**—Very large, purplish black, rich and juicy; one of the best varieties.
- Governor Wood**—A fine early cherry, white, shaded with red, tender, juicy and delicious.
- Royal Ann** (or Napoleon Bigarreau)—Very large, pale yellow, with bright red cheek; flesh very firm, juicy and sweet. Good shipper.
- Black Oregon**—Sometimes called Lewelling or Black Republican; a large, late, black cherry; good flavor, long keeper and ships well.
- Rochfort Bigarreau**—A large, early, flesh colored cherry; valuable for canning or drying, it is also a good shipper; its very early ripening, makes it very valuable; it will always command a good price.

Quinces.

	PRICE.	EACH.	PER 100
2 year trees.....		\$0 30	\$25 00
1 year trees.....		25	20 00

Orange—Large, roundish; bright golden yellow; the best for general use.

Portugal—Fruit of largest size, oblong, skin bright yellow, mild flavor.

Apple—Shaped much like the orange; color a little darker.

Figs.

The fig is one of the most valuable plants ever cultivated by man. It is more nutritious and contains more medicinal properties than any other fruit (excepting possibly the olive). Its cultivation has been sadly neglected, and such neglect would seem almost criminal in a country like California, where the soil and climate is peculiarly adapted to its successful cultivation. All that is wanted is the right varieties and proper attention to make this fruit exceedingly profitable, and a great source of wealth to the State. A great many varieties have been imported from different countries, and quite a number of them are good; but we still have doubts about our having the best kind (the true fig of commerce). It is now thought by some that the Verdoni (or the so-called White Adriatic) is the genuine, but this may yet prove a mistake. While we have the trees for sale, we would hesitate to guarantee it to be the right kind until we can see it further tested and demonstrated. Most of the white figs we have will crack open and sour in process of drying, when dried in the sun, and we have noticed that same trait in this fig, though not so bad as some other white kinds, and we regard it as one among our best white figs. By recent experiments we have demonstrated that any of the kinds can be successfully dried by artificial heat. Even the San Pedro, when dried in a dryer, makes an exceedingly fine product, equal, if not superior, to the imported fig.

	PRICE OF FIG TREES ASSORTED.	EACH.	PER 100.	PER M.
2 year, No. 1—4 to 6 feet, branched.....		\$0 25	\$20 00	\$150 00
2 year, No. 2—3 to 4 feet, branched.....		20	15 00	100 00
1 year, No. 1—3 to 5 feet.....		20	15 00	100 00
1 year, No. 2—2 to 3 feet.....		15	10 00	75 00

VERDONI (WHITE ADRIATIC).

1 year, 1st class—2 to 3 feet.....	40	35 00	
1 year, 2nd class—1 to 2 feet.....	30	25 00	

We cultivate only a few of our best known varieties, as follows:

Large Purple—One of the most fruitful sorts; large size; dark purple, very sweet, good flavor; dries well.

Brown Ischia—Very large, skin light or chestnut brown, very sweet and excellent.

Pacific White—Fruit medium size, fine grained, very sweet, seeds very small; very white and exceedingly fine flavored when dry; but the skin when dry is thicker and more tough than the imported; that and its small size is the only objection to it. It never cracks and sours in drying. The tree is a strong grower, very hardy, and always good shaped, a fine shade or avenue tree. A good and regular bearer.

San Pedro (Usually called **White Smyrna**)—A very large, dirty or rusty white fig; good flavor; one of the best as a green or fresh fruit; valuable for that purpose, but does not dry well, if dried in the sun, as it cracks and sours in drying; a great bearer; tree a slow grower.

Verdoni—(White Adriatic)—Above medium size, greenish white, skin thin, rather coarse grained; quite red inside; seeds large, flavor fair to good. We have not tested it as a drying fig, and consequently cannot say more than above mentioned.

Almonds.

Nut growing should be carried on far more extensively in this State than it now is. Almonds are a sure crop over a large area of the State. They can be raised to profit at lower rates than the usual current prices. Our foothill lands seem to be peculiarly adapted to their culture. We know of no district in the State where they do better than in the foothills, at an altitude of from 600 to 2000 feet above the sea level.

PRICES OF TREES—(ASSORTED VARIETIES).

ALL ON ALMOND ROOT.	EACH.	PER 100.	PER M.
1 year, No. 1—5 to 7 feet, branched.....	\$0 25	\$20 00	\$120 00
1 year, No. 2—2 to 5 feet, branched.....	20	15 00	100 00
1 year, No. 3—2 to 3 feet.....	15	10 00	75 00

Almonds in large lots at special rates very low; please write stating amount wanted.

Languedoc—A well-known old standard variety.

Routier's New Languedoc—A new seedling from Joseph Routier's orchard. A facsimile of the Languedoc, except the shell is a little softer; tree moderately strong grower, and very prolific.

Routier's Soft Shell—From same orchard as above. Shell quite soft, but not soft enough to crumble; tree moderately strong grower, very prolific.

Blower's Languedoc—A Languedoc grown by R. B. Blower of Woodland. It is a fine nut and a good and regular bearer.

Twin Almond—A new seedling originated by J. Routier. A very large, smooth nut, all with double kernels. Shell soft as the Languedoc; tree hardy and good bearer. No. 1 trees, 50 cents each; \$35 per 100; \$200 per 1000.

Grapes.

As most kinds of foreign grapes thrive well and produce fruit in abundance, we have only to choose such as suit our wants and fancies. We will name a few of the best in their season.

PRICE OF ASSORTED VARIETIES.

	EACH.	PER 100.	PER M.
2 year—No. 1.....	\$0 08	\$6 00	\$40 00
1 year—No. 1.....	04	3 00	25 00
1 year—No. 2.....	03	2 00	15 00

Grape vines or cuttings in large lots at special rates, very low. Price on application.

Sweetwater—White, very early.

***White Muscat** (Muscat of Alexandria)—Fine, large, white grape, musk flavored, good market variety, either for shipping or raisins.

***Muscabelle Gordo Blanco**—Resembling the Muscat, berries large, less musky flavor; good raisin variety.

Black Hamburg—A very fine, large, black grape, good quality and productive.

Black Prince—A splendid large black grape, good market variety, good shipper.

***Flame Tokay**—A magnificent, large, red grape; very firm, vigorous grower and productive; good shipper.

Emperor—A large, rose-colored grape, very late, long keeper, good shipper.

Zinfandel—A medium size, black grape, close compact bunches, very productive, valuable for wine.

Seedless Sultana—Small, white grape, clusters large. It makes a fine raisin for culinary purposes, at the same time it is a fine wine grape. It is the only grape we know of that is good for both raisins and wine.

Many other varieties in small quantities.

The following new wine varieties (late importations) have been obtained at great cost, and we cannot afford to sell them for less than the following rates:

8 cents.....each | \$6 00.....per 100 | \$50 00.....per 1,000

Bastardo, Charbono, Palomino, Morisco Preto, Moreto, Morisco Branco, Chanche Noir, Chartero, Petite Bouchet, Pedro Ximenes.

Currants.

	PRICE.	EACH.	PER 100.
2 year—No. 1.....		\$0 12½	\$10 00
1 year—No. 1.....		8	6 00

The only varieties of any value here are the **Cherry** and **Fertile de Palneu**.

Gooseberries.

	AMERICAN.	EACH.	PER 100
Houghton's Seedling, 2 year.....		\$0 20	\$15 00
Houghton's Seedling, 1 year.....		15	10 00
Mountain Seedling.....		Same price.	

ENGLISH.

Large English Crown Bob and **Smith's White, Klee** variety and **Birkley**. 25c each.

Blackberries.

Price.....4 cents each | \$3 00.....per 100 | \$10 00.....per 1,000

Wilson's Early—Fruit large, productive and early.

Dorchester—A fine sweet berry.

Kittatinny—Good market variety; large and good flavor.

Lawton—Good market variety for this locality; large and late.

Crandall's Variety—This berry was brought from Texas some years ago and planted on the place of Dr. J. R. Crandall, of Auburn, Placer county. (The origin of the berry is not known to us.) Here it was discovered that it was not only an excellent berry and prolific bearer, but was also found to ripen three weeks earlier than the Lawton, and continue to blossom and bear fruit until late in the Fall. We have often picked good, ripe, well developed berries as late as the last days of December. The wood of the vine is light colored, resembling the Wilson's Early, but is a much stronger grower. The berry is as large as the Lawton, fine flavor, firm and solid. It is an excellent shipper. Price, \$1 per dozen, \$5 per 100, \$15 per 1,000. Fifty plants at 100 rates; 500 at 1,000 rates.

Raspberries.

Price.....4 cents each | \$3 00.....per 100 | \$15 00.....per 1,000

Fastolf, Franconia, Red Antwerp, Naomi, Herstine, Hudson River Antwerp and **Cuthbert**.

The Hansel—A fine early berry. Its early ripening makes it very valuable. It is a good bearer and ships well. Price of plants, 6 cents each, \$4 per 100, \$20 per M.

The Barter Raspberry—This berry was produced, or at least first cultivated, by Mr. Wm. Barter, of Penryn, Placer county. Some years ago a friend gave Mr. B. two Raspberry plants. One of them died, and he, having discovered the living plant to be a berry of superior variety, propagated it as rapidly as possible, and has

for the last five years produced the largest crops of the finest berries of any one in the whole community. It is generally conceded to be a new variety and by all odds the best berry for general cultivation in this berry-growing district (out of more than fifty varieties that have been tested here). It is a very large, red berry, often measuring nearly or quite an inch in diameter, round; a little flattened, frees easily from the stem, fine flavor, quite firm and carries well. It grows very large, strong canes, bears heavy and uniform crops. We do not hesitate to recommend it as the very best Raspberry we have ever seen.

Price..... 6 cents each | \$4 00.....per 100 | \$20 00.....per 1,000
50 plants.....at 100 rates | 500.....at 1,000 rates

Strawberries.

Price.....50 cents per doz. | \$1 00.....per 100 | \$6 00.....per 1,000

Triomphe de Gand, Sharpless, Forest Rose, Monarch of the West, Capt. Jack, Champion, and many other new varieties not fully tested.

Esculent Roots.

Asparagus.....2 ets. each; \$10 per 1,000
Rhubarb.....20 to 50 cts. each.
Hop Roots.....50 cts. per doz.; \$1 50 per 100; \$10 00 per 1,000
(Large lots at special rates, very low.)

DECIDUOUS SHADE AND ORNAMENTAL TREES.

Poplars and Locust.

	EACH.	PER 100
No. 1—2 to 2½ inches diameter.....	\$1 00	\$60 00
No. 2—1½ to 2 inches diameter.....	50	40 00
No. 3—1 to 1½ inches diameter.....	25	20 00
No. 4—¾ to 1 inch diameter, 7 to 9 feet high.....	15	10 00

(Large orders at special rates, very low.)

Carolina Poplar—A magnificent tree for street planting, forming a beautiful head, large leaf and spreading habit; rapid grower.

Lombardy Poplar—Erect and upright grower.

Black Locust—Strong grower, valuable for timber; same prices as Poplar.

Cork Bark Elm—Rapid grower, symmetrical in shape; 50 cents to \$1 25 each.

American Elm—A magnificent tree with drooping branches; 25 to 75 cents each.

Soft or Silver Maple—Fine for street planting, handsome foliage; 25 to 50 cents each.

Weeping Willow—A beautiful weeping tree, with slender, drooping branches; 50 cents to \$1 each,

Our stock of both Maple and American Elm is very large, and on large lots we will make very low prices.

Mulberries.

Downing's Everbearing—A rapid growing tree, valuable for its fruit, as it remains in fruit for three months; 50 to \$1 each.

Persian—Largest fruit, but slow grower; 50 to 75 cents each.

New American—This is a large, strong, growing, beautiful shaped tree; one of the

best shade trees that grows, it also produces large crops of very fine berries, very sweet and delicious; 30 cents to \$1 each.

Russian Mulberry—This also makes a fine tree, and the fruit is said to be very large and fine; we have not fruited it yet; 25 to 75 cents each.

Circassian Mulberry—This is a very fine, strong growing variety, makes a splendid shade tree. Fruit of little value. 30 to 70 cents.

Morus Alba or White Mulberry—Fine shade tree, but fruit of no value. 25 to 50 cents each.

Morus Multiculus—Only valuable for the foliage, which is used to feed silk worms. 10 to 25 cents. Large lots for silk culture very cheap.

The Mulberry is a very valuable family of trees. Most of them make beautiful, well-shaped and clean shade trees. All make very valuable timber and make it very quick, being rapid growers. The fruit is excellent for fowls, as well as man, and it will serve an excellent purpose in keeping birds from cherries and other fruits, as the birds will eat that in preference to any other fruit. Besides the above, millions of dollars is made out of the leaves by feeding them to the silk worms. It should receive more attention in this country than it does.

Nut Trees.

Eastern Black Walnuts—A well-known tree, valuable for timber. Two-year trees, 50 cents each.

California Black Walnuts—A native species, valuable for shade and nuts. Very productive. 2 year trees—5 to 7 feet, well branched, 30c each, per hundred \$25. 1 year trees—3 to 5 feet, 20c each, per hundred \$15. California Walnuts in large lots, very cheap.

English Walnuts—Good shade and profitable nut tree. 2 year trees, 5 to 8 feet, 50c each, \$40 per 100; small trees, 20 to 30 cents each.

Praeparturien Walnut—A very fine table nut, trees of dwarfish habit, bears quite young and heavy crop. Trees 2 to 3 feet, 30c each, \$25 per 100; 3 to 4 feet, 40c each, \$35 per hundred; 4 to 5 feet, 50c each, \$40 per hundred.

Pecan Nut—A fine nut, does well on deep soil. Tree 1 year, 1 to 1½ feet, 12½c each, \$10 per hundred. 2 year, 2 to 3 feet, 25c each, \$20 per hundred. 2 year, 3 to 4 ft, 40c each, \$35 per hundred.

Chestnuts (Italian or Spanish)—Trees 1 to 1½ feet, 15c each, \$10 per hundred. 2 to 3 feet, 25c each, \$20 per hundred. 3 to 4 feet, 40c each, \$35 per hundred.

Chestnut (American, Sweet)—Same sizes, same prices as the Italian.

Olives.

Many localities in California are peculiarly adapted to the cultivation of the Olive, and we think there are none more favorable for its culture than the Foot-hills, at an altitude of from 500 to 1200 feet above the sea level. We have tested them thoroughly at our place near Penryn, Placer county, and they grow and bear splendidly, with or without irrigation. As to varieties, we believe the old Mission, or Spanish Olive is the best for general use. It is good for both oil and pickles. It is harder to propagate than some other kinds, but the tree is hardy and long-lived, and not subject to disease.

The Picolene is more easily propagated, tree a rapid grower when young, but will never grow as large as the Spanish. It bears very young and is a constant and good bearer. The fruit is small but very rich in oil and makes a fine quality of light (mild) oil, preferred (by amateurs) to the heavier oil, and the tree is such an abundant bearer that an acre of them will yield a very large amount of fine oil. Some experiments we witnessed lately have raised this Olive very much in our estimation.

There are some new kinds being introduced of late. We have a few of them, but have not seen them fruited enough to judge of their merit.

Olive trees are very scarce this season and parties desiring to secure them will do well to order early.

PRICE OF TREES.	EACH.	PER 100.	PER M.
Mission or Spanish, 5 to 6 feet	\$ 1 00	\$75 00	
Mission, 3 years, 4 to 5 feet	75	50 00	
Mission, 2 years, 3 to 4 feet	40	35 00	300 00
Picolene, 3 to 4 feet	35	30 00	
Picolene, 2 to 3 feet	30	25 00	
Picolene, 18 to 24 inches	25	22 00	200 00
Picolene, box plants, 12 to 16 inches	..	15 00	125 00

These last can be cut out of the boxes, so that each plant will have a ball or square of earth with it.

Orange and Lemon Trees.

Orange and Lemon trees are very scarce and high this season. It is estimated by the best authority that there are not 30,000 Orange and Lemon trees in the State, of marketable age, while there will be a demand for at least 200,000. With this state of facts they must rule high. Our stock is limited and trees quite uneven in size, budded trees ranging from one to five year buds. Varieties, principally Mediterranean Sweet and Navel, with a few other leading kinds and a few Japanese varieties. These last are small but very sweet and delicate and the tree highly ornamental.

PRICE OF TREES.	EACH.	PER 100.
1 year buds on 3 year stocks, 2 to 3 feet	\$1 25	\$100 00
1 year buds on 4 year stocks, 3 to 4 feet	2 00	180 00
2 year buds on 5 year stocks, 3 to 5 feet, branched	3 00	
4 to 5 year buds, 6 to 8 feet, well branched and full of fruit	4 00 to	\$7 00 each
Seedling oranges, 3 years, 3 to 4 feet	60	
Seedling oranges, 4 to 6 feet, well branched	1 00	75 00
Seedling oranges, 6 to 8 feet, well branched	1 50	125 00

Many of these seedlings were budded in September and have good dormant buds in them. The smaller sizes have one bud in main stock, and the larger ones have two to four buds in the branches, so that by cutting them back to the buds you get a fine budded tree the first year. For these buds we add 25 cents to the trees having one bud, and trees having two to four buds, 50 cents extra. This is the cheapest way to get budded trees.

Japanese Oranges, Mandarene, Tangerene, Satsuma, and Kissshews, all small, sweet, fine flavored and very fragrant fruit, trees dwarf in habit and very prolific, trees 2 to 4 feet, well branched and full of fruit, \$2 50 each; same, 3 to 4 feet, full of fruit, \$3 to \$3 50 each.

Japanese Sour Orange Seedlings, good stocks to bud on, 3 years old, $2\frac{1}{2}$ to 3 feet high, $\frac{3}{8}$ to $\frac{1}{2}$ inch in diameter, \$8 per 100, \$60 per 1,000; 500 at 1,000 rates.

These last will be dug with naked roots and carefully packed in damp moss. All other orange trees will be well bagged, with a large ball of earth to each tree.

The Camphor Tree

Is a rare and beautiful shade and ornamental tree. It is a moderately rapid grower. It succeeds well on the coast and in many localities in the interior. Fortunes might be made in Camphor plantations. Every family should have one or more Camphor trees on their grounds. They are not only rare and highly ornamental, but impart a delightful odor, which is very healthy. The tree is an evergreen and quite hardy. They can be successfully transplanted with naked roots, if well cut back, but our quotations are for trees well bagged.

PRICE OF TREES.	EACH.	PER 100.
3 years, 3 to 5 feet, well branched	\$ 0 75	\$60 00
3 years, 3 to 4 feet, well branched	60	40 00
2 years, 2 to 3 feet, well branched	40	30 00

Large lots at special rates quite low, especially if taken with naked roots..

Japanese Tea Plants.

The Tea Plant can be successfully grown in large portions of this State. It is not (as most people suppose) a tender plant, but is quite hardy. It will stand much more frost and exposure than the Orange or Lemon tree. We think the time is not far distant when Tea growing will be a prominent industry in California. The soil and climate in very many localities seem to be peculiarly adapted to its successful cultivation. Especially is this true of our foothill regions, at an altitude of from 600 to 1,400 feet above the sea level. Every family (in most parts of the State) could grow their own tea as easily as they can grow the common sage plant.

Price of Plants—2 and 3 years (large, bushy plants), 40 cents each; per 100, \$30,

Diospyros Kaki.

(FRUIT OF THE GODS.)

Known as the Date Plum, or Japanese Persimmon.

This delicious and valuable fruit is being grown in various parts of the country, and its successful culture is fully established. It commends itself to the public as follows:

1. The tree is highly ornamental, a prolific bearer, as hardy as the pear, and fruits as early.

2. The fruit is solid, and may be safely transported to any part of the country.

3. It is in season from October to March, when other fresh fruits are scarce.

4. It is of a bright, yellow orange, or vermillion color; is unsurpassed for the table, and is considered equal to the peach or pear. It ranges in weight from 6 to 12 ounces.

5. Six of the best varieties only are offered for sale.

6. All grafted and reliable, and will fruit in from two to three years.

Price of Trees—2 year, 3 to 4 feet, branched, 75 cents each; 1 year, 3 to 4 feet, not branched, 40 cents each, \$30 per hundred, \$200 per thousand; five hundred at one thousand rates.

Ornamental Department.

Our limited space will not admit of a full description of every shrub or flower, neither can we give the exact price for each particular size and style of plant. They vary so much in size, shape and condition that a minute description would occupy too much space. But we can guarantee satisfaction if you will in ordering articles, where the price ranges from one figure to another, simply give the price you wish to pay, and we will send articles to correspond with the price given.

We do not grow Greenhouse Plants, but carry them in stock during the selling season and can furnish anything in that line at regular florists' prices. So we can fill orders for anything in that line, though it may not be named in the Catalogue. In the item of Roses we can furnish over 100 varieties not mentioned in this Catalogue.

Roses.

Price, in pots 75cts. to \$1 00 each.
Price naked roots 30 to 50 cents each.

Marechal Neil, Lamarque, Gold of Ophir, John Hopper, Giant of Battle, Cloth of Gold, James Sprunt, President Lincoln, and many others in variety too numerous to mention, all the best kinds. A few choice new kinds at 75 cents to \$1 50 each.

Deciduous Shrubs.

Pomegranate, fruiting.....	35 to 50 cts.
Pomegranate, flowering.....	35 to 50 cts.
Dwarf Pomegranate, flowering, very ornamental.....	75 cts
Lilacs.....	25 to 75 cts.
Spirea, or Bridal Wreath.....	25 to 50 cts.
Deutzia, Crenate.....	50 to 75 cts.
Snow Ball.....	50 to 75 cts.
Spirea Balardi.....	50 to 75 cts.

Rare and Choice Shrubbery.

Flowering Almond.....	\$ 75
Pyrus Japonica.....	75
Purple Fringe.....	75
Weigelia Rosea.....	75
Bottle Brush.....	1 00
Golden Dwarf Peach.....	1 00

Rare and Choice Ornamental Trees.

Golden Weeping Ash.....	\$1 00
Mountain Ash—hangs full of red berries all Winter.....	1 00
Kilmarnock Willow.....	\$1 50 to \$2 00
New American Weeping Willow.....	1 50
Gravelia Robusti, Evergreen.....	60c to \$1 00
Umbrella Tree—A most beautiful shaped tree, very handsome.	\$1 to \$2 50 each.

Evergreen Trees.

EUCALYPTUS—Globulus (Blue Gum), in variety, in pots or bagged; 2½ to 10 feet; 20c. to \$1. Blue Gum and other varieties of Eucalyptus, in seed boxes, 3 to 12 inches, \$1 to \$4 per 100. Transplanted in boxes so as to cut with balls of earth, 2 to 12 inches, \$2 to \$6 per hundred.

In large quantities for forest planting at special rates.

ACACIA.—Native of Australia, rapid growth, beautiful foliage and masses of yellow and orange-colored flowers; in pots or bagged, 3 to 5 feet, 30 to 50 cents.

Acacia Melonoxelon, or Blackwood Acacia, a very fine hardy kind.

Acacia longifolia.

Acacia latifolia.

Acacia floribunda, or fragrans; long lance-like leaves.

Acacia molissima, fine elegant species; light green leaves.

Pepper Trees, (California Schinu Molle), 3 to 6 feet, 40 cents to \$1.

Palms, in variety, \$1 to \$5 as per size and variety.

Cupressus, (Cypress), most popular and very ornamental; perfectly hardy, and thrives well in most localities and soils.

Cupressus Lawsoniana, (Port Orford Cedar), very fine; branches curve like green plumes; 50 cents to \$1.

Cupressus Funebus, elegant drooping foliage, adapted for planting in cemeteries, 75 cents to \$1.

Cupressus macrocarpa, (Monterey Cypress), 20 cents to \$1 each.

Cupressus pyramidalis, (Italian Cypress), very erect, close pressing branches; 50 cents to \$1.

Pinus macrocarpa, (Monterey Pine), 3 to 7 feet; 30 cents to 75 cents.

Arbor Vitæ, golden, beautiful, compact plants; 75 cents to \$2.50.

Sequoia gigantea, (California Mammoth Tree), \$1 to \$2.50.

Laurel, English, good plants; 75 cents to \$1.

Magnolia grandiflora, 50 cents to \$2.50.

BONE MEAL.—Being Agents for the Factory, we can sell this Fertilizer at Factory Prices—\$30 per ton; small Sample lots at 2½ to 3c. per lb.

Surplus stock, which we sell at special rates in quantity. Price on application.

- 500,000 Strawberry plants, leading sorts.
- 50,000 Raspberry plants.
- 50,000 Blackberry plants.
- 10,000 Carolina and Lombardy Poplartrees, for shade, 1 to 2 years old.
- 500,000 Grape cuttings, leading sorts, free from insect pests.

Evergreen Shrubs.

EACH.		EACH.	
Abutilon, (Chinese Bell-flowers).	40 to 75c	Oleander	30c to \$1
Euonymus, plain, 2 to 3 feet	30 to 75c	Poligala	50 to 75c
Euonymus, variegated.	30 to 75c	Privet	5 to 25c
Euonymus, golden.	30 to 75c	Pittosporum	50 to 75c
Lauristinus	40c to \$1	Veronica	30 to 75c
Myrtle.....	20 to 75c	English Box.....	10 to 50c

Miscellaneous.

	EACH.
Pinks, in variety.....	30 to 75 cents
Lilies (See Seed Catalogue for price of bulbs).....	25 to 75 cents
Chrysanthemums	37 to 75 cents
Fuchsia.....	37 to 75 cents
Heliotrope	50c to \$1 00
Pampas Grass.....	50c to \$1 00
Tritomas, in variety.....	37 to 75 cents
Verbenas, per bunch.....	20 to 40 cents
Pansies, per bunch.....	15 to 25 cents
Violets, per bunch.....	15 to 25 cents
Begonia, (Trumpet Flower).....	40c to \$1 00
Honeysuckle, in variety.....	50 to 75 cents
Ivy.....	35 to 75 cents
Jasmine, in variety.....	35 to 75 cents.

DIRECTIONS FOR TRANSPLANTING TREES.

Do not expose the roots to the wind, sun or frost. Shorten in the top and pare all bruised parts of the roots with a sharp knife. Dig a hole large enough to set each root in the same position, and as deep as it grew in the nursery, and fill the hole with rich soil, well pulverized, packing well between the roots. To preserve from borers and other injuries during the first Summer, wrap the trunk with cloth, woolen preferred. Underground irrigation recommended.

HINTS ON PRUNING.

The best dug tree loses more than half the fibrous roots that act as feeders. Shorten the top to correspond. Don't fail to cut back heavily when you transplant. Don't forget that a half root cannot support a whole top. Never neglect pruning. Trees trained low protect their own trunks from the sun's rays, are less liable to break with the weight of the fruit, and the fruit is easier gathered.

TRANSPLANTING POTTED PLANTS.

In transplanting potted plants, lift the ball carefully out of the pot, then with a sharp knife cut the circle of roots that encompass the outside of the ball, so as to force a straight and not a crooked root from the plant into the ground, in order that, as the tree or plant increases in size, it will not be so liable to blow over. Thousands of trees are annually blown over and destroyed by reason of this circle of roots, for as the root is shaped when the plant is set, so it will continue to grow. Bagged plants should be planted with the bag on, only cutting the string at the collar or top of the bag.

Anything not mentioned in this Catalogue, or Greenhouse and Florists' specialties will be furnished at regular florists' prices, provided it can be procured in the market.

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