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INFORMATION AND DESCRIPTIONS of our PEA AND BEAN VARIETIES

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Washburn - Wilson Seed Co.

Moscow, Idaho

FORWARD . . .

Washburn-Wilson Seed Company has prepared this descriptive booklet to aid our canner and freezer customers in the selection of suitable varieties of peas and beans for their particular needs.

Washburn-Wilson Seed Company has a definite plant breeding program which has been in continuous operation over a thirty year period.

Washburn-Wilson Seed Company's first concern is maintenance of uniformity in type in our various lines.

Washburn-Wilson Seed Company's second objective is in the breeding of new varieties with new combinations of characters more desirable than in known varieties.

This booklet has been condensed to make the information in easy readable form and to be easily interpreted by those familiar with the problems of the canner and freezer trade.

WASHBURN - WILSON SEED CO.

January, 1956

NOTE . . .

The data given in the descriptions of the varieties we produce is taken from our trial grounds. However, allowances should be made for climatical and soil differences, which may effect the vine height and/or length of the growing season.

SEASON:

The days shown are from planting until either freezing or canning stage.

ESSENTIALLY SIMILIAR VARIETIES:

Are varieties which are nearly identical but may differ in minor characteristics, such as wilt resistance, or differ slightly in vegetative characteristics.

CLOSELY GROUPED VARIETIES:

Are similar in certain characters and may vary slightly or widely in other characters, such as maturity, seed type, height, etc., yet might be used as a substitute in special cases.

NODE COUNT:

Node count refers to the node or joint at which the that first blossom appears. Within a pea growing area, date of bloom may mean very little in deciding whether a variety is early or late, since the planting dates may not be identical. However, the node at which the first bloom appears is very indicative of the earliness of the variety, regardless of the date of planting.

Depending on the depth of seeding, there is one, and many times two, latent nodes located below the ground level. These latent nodes are quite obscure and close observation is required to determine their presence. It might be well to point out that abnormal plants damaged by heat, frost or mechanical means are not a

source to determine the true node count of a variety. Within a pure-line strain there will be found some variation of node count, but this is less pronounced than in strains developed from a mixture of genetic origin.

“AH” ENDING ON NAMES:

All variety names ending in “ah” are either our originations and are pure-lined and 100% resistant to Fusarium Wilt, or we have pure-lined them from strains which were wilt resistant.

HISTORY:

We have a complete history of every strain of seed we produce. From the original selection or cross, it can be traced thru every planting each season, thru the cleaning and handpicking operation and to the customer to whom shipment is made.

PEAS . . .

SMALL SIEVE ALASKA

Resistant to Fusarium Wilt

SEASON: 53 days to canning. First bloom on 9th node.

VINE: 26 inches, slender, light green.

PODS: 2¼ inches, light green, straight, blunt, singles and doubles.

PEAS: Small, mostly 1's, 2's, and 3's, light green, similar to Alaska quality.

SEED: Green, smooth, round, small. 3,100 per lb.

ADAPTABILITY: A new variety developed to provide an extremely high percent of small siftings. Production equal to Alaska.



ALAH

Resistant to Fusarium Wilt

SEASON: 55 days canning. First bloom on 9th node.

VINE: 26 inches, slender, light green.

PODS: 2 $\frac{3}{4}$ inches, light green, straight, blunt, borne singly.

SEED: Dimpled-smooth, green. 2,500 per pound.

ADAPTABILITY: Extra early canning variety in all sections. Market and home garden pea for first planting.

NOTE: An Alaska type developed in our trial grounds for uniformity of vine type, pod type, season, and quality, and is 100% resistant to Fusarium Wilt.



AA 15

Resistant to Fusarium Wilt

SEASON: 56 days to canning. First bloom on 9th node.

VINE: 28 inches, slender, slightly yellow green.

PODS: 2 $\frac{3}{4}$ inches, light green, straight, blunt, borne singly.

SEED: Small, wrinkled green. 2,650 per pound.

ADAPTABILITY: This early sweet type is replacing Alaska in many sections. It is a heavy yielding variety in the Wisconsin Area, producing high quality. The predominating siftings are 2's, 3's and 4's with the peak on number 3's.

ESSENTIALLY SIMILAR VARIETIES: Alsweet, Pacemaker, Alaska Sweet, Early Sweet No. 5, etc.



MARDELAH

Resistant to Fusarium Wilt

SEASON: 55 days to canning. First bloom on 9th node.

VINE: 26 inches, slender, vigorous, dark green.

PODS: 2 $\frac{3}{4}$ inches, straight, blunt, full, light green, borne singly.

SEED: Wrinkled, small, medium green. 2,300 per pound.

ADAPTABILITY: This canning pea was offered by us for the first time in 1935. We originated this variety for use in early sections where Alaskas have been grown. It is as hardy and early as Alaska and is very productive and equal to the best Surprise in canning quality and color. It is apparently free from physiological spotting. From the standpoint of size, 3's, 4's and 5's predominate.



EARLY HARVEST

Resistant to Fusarium Wilt

SEASON: 58 days to canning.

VINE: 32 inches, slender, medium green.

PODS: $2\frac{3}{4}$ inches long, borne singly, light green, blunt, straight.

PEAS: Six to eight in a pod. Mostly 2, 3, 4, and 5 sieve with the peak on 4's.

SEED: Small, light green, wrinkled, 2,400 per lb.

ADAPTABILITY: A popular variety in the Midwest and Northeast parts of the United States.



NEW SURPRISE

Resistant to Fusarium Wilt

SEASON: 55 days to canning. First bloom on 9th and 10th node.

VINE: 28 inches. Vigorous, medium green.

PODS: 2¾ inches, straight, blunt, light green, borne singly.

SEED: Wrinkled, light green, small, 2,550 per lb.

ADAPTABILITY: A strain of Surprise that has gained popularity particularly in the Midwest in the last few years. It is a much more vigorous strain than the regular Surprise, giving higher yields and at the same time the same sieve sizes and high quality of regular Surprise.

ESSENTIALLY SIMILAR VARIETIES: Mardelah, Surprise.



SURPRISE

Resistant to Fusarium Wilt

SEASON: 55 days to canning. First bloom on 9th node.

VINE: 26 inches, slender, scant foliage, medium green.

PODS: 2 $\frac{3}{4}$ inches, straight, blunt, fairly tight, light green, borne singly.

SEED: Distinctly wrinkled, light green, small. 2,350 per lb.

ADAPTABILITY: One of the older early sweet varieties used by the canning trade in New York state and in other canning sections where wrinkled seeded varieties are grown.

ESSENTIALLY SIMILAR VARIETIES: New Surprise and Mardelah.



PRIDE

Resistant to Fusarium Wilt

SEASON: 65 days to canning. First bloom on 13th node.

VINE: 30 inches, sturdy, dark green, similar to Perfection.

PODS: 3½ inches, blunt, light green, borne doubly.

SEED: Wrinkled, green, size similar to Perfection. 2,100 per pound.

ADAPTABILITY: Used extensively for canning in areas where earlier strains of Perfection are needed. It is a productive variety under adverse conditions.

CLOSELY GROUPED VARIETIES: Early Perfectah, Early Perfection, Canner King.



CANNER KING

Resistant to Fusarium Wilt

SEASON: 67 days to canning. First bloom on 13th node.

VINE: 34 inches, medium green, open Perfection type.

PODS: 3¼ inches long, slightly curved, mostly doubles, producing large sized siftings.

SEED: Green, wrinkled. 1,800 per pound.

ADAPTABILITY: Same general conditions favorable to Perfection.



EARLY PERFECTAH

Resistant to Fusarium Wilt

SEASON: 67 days to canning. First bloom on 13th node.

VINE: 26 inches, sturdy, dark green, similar to Perfection.

PODS: 3 $\frac{1}{4}$ inches, medium green, straight, blunt, doubles.

PEA: Excellent quality, medium large siftings, light green.

SEED: Wrinkled, green. 2,200 per pound.

ADAPTABILITY: In all canning sections it fills the gap between Surprise and Perfection. Has proven very satisfactory for poor light soils and drought conditions as well as under ideal conditions. In quality of canned peas it equals that of Surprise or Perfections. Has excellent holding ability.



EARLY PERFECTION NO. 6

Resistant to Fusarium Wilt

SEASON: 69 days to canning.

VINE: 28 inches, dark green, vigorous.

PODS: 3¼ inches, straight, blunt, doubles and singles, medium dark green.

SEED: Wrinkled, green, slightly larger than Perfection. 2,250 per pound.

ADAPTABILITY: High yielding Perfection type that produces siftings larger than Early Perfection. Adaptable to all areas. Produces same quality as Surprise or Perfections.



MULTNOMAH

Resistant to Fusarium Wilt

SEASON: 70 days to canning. First bloom on 15th node.

VINE: 27 inches, dark green, Perfection type.

PODS: 3 $\frac{1}{4}$ inches, medium green, straight, blunt, mostly doubles, pods loose, vines easily.

SEED: Wrinkled, green, 2,350 per pound.

ADAPTABILITY: This 1947 introduction is an excellent early type of Perfection, vigorous and very productive. It produces sieve sizes of the same distribution as Perfection and is equal in quality and appearance.

ESSENTIALLY SIMILAR VARIETIES: Perfection



PERFECTION

Resistant to Fusarium Wilt

SEASON: 70 days to canning. First bloom on 15th node.

VINE: 28 inches, medium dark green, vigorous, stocky.

PODS: 3 $\frac{1}{4}$ inches, medium green, straight, blunt, doubles, vines easily.

SEED: Wrinkled, green. 2,400 per pound.

ADAPTABILITY: The original Davis strain of Perfection was susceptible to Fusarium Wilt. Our strain is similar to the Perfection known to the canning trade, but in addition to its other desirable characteristics, is also resistant to Fusarium Wilt.

ESSENTIALLY SIMILAR VARIETIES: Multnomah



PERFECTED WALES

Resistant to Fusarium Wilt

SEASON: 71 days.

VINE: 30 inches. Medium sized dark green leaves, sturdy vine.

PODS: $3\frac{1}{4}$ inches long, blunt, straight, mostly doubles, light green. Set on 15th and 16th node.

PEAS: Large, light green, excellent quality.

SEED: Large, light green, wrinkled. 2,200 per pound.

ADAPTABILITY: Used for canning where large sifting are desired, sizes generally 4's and up.



RANGER

Resistant to Fusarium Wilt

SEASON: 72 days.

VINE: 30 inches, medium size, dark green leaves, sturdy vine.

PODS: 3¼ inches long, blunt, straight, mostly doubles, light green. Set on 15th and 16th node.

PEAS: Large, light green, excellent quality.

SEED: Large, light green, wrinkled. 2,100 per pound.

ADAPTABILITY: Used for canning where large siftings are desired, sizes generally 4's and up.

ESSENTIALLY SIMILAR VARIETIES: Prince of Wales, Perfected Wales



THOMAS LAXTON

Resistant to Fusarium Wilt

SEASON: 64 days to freezing. First bloom on 9th node or 10th node.

VINE: 30 inches, slender, medium green.

PODS: 3 $\frac{1}{4}$ inches, straight, blunt, dark green, borne singly.

SEED: Cream and green wrinkled. 1,900 per pound.

ADAPTABILITY: One of the leading freezer varieties and canned to a limited extent.



PLUPERFECT

Resistant to Fusarium Wilt

SEASON: 66 days to freezing.

VINE: Perfection type vine, determinate, dark green, 30 inches tall.

PODS: 3¼ inches long, mostly double, straight, blunt, fills well. Peas dark green. Cotyledons green.

SEED: Wrinkled, light green, 2,000-2,100 per pound.

ADAPTABILITY: A recent introduction for freezing purposes. A vigorous, high yielding good quality pea, that fills the season between early and late varieties.



VICTORY FREEZER

Resistant to Fusarium Wilt

SEASON: 66 days.

VINE: 27 inches, dark green, prolific. First bloom on 13th node and 14th node.

PODS: 3½ inches, blunt, double, straight.

PEAS: Dark green, good quality, medium sized.

SEED: Green, wrinkled, medium small. 2,100 per pound.

ADAPTABILITY: A freezing variety that fills the gaps between Thomas Laxton and Dark Skinned Perfection season.



DARK SKINNED PERFECTION

Resistant to Fusarium Wilt

SEASON: 72 days to freezing.

VINE: 30 inches, dark green, Perfection type vine.

PODS: 3¼ inches, blunt, straight, doubles.

PEAS: Dark green, sieve size generally those of regular Perfections.

SEED: Green, wrinkled. 2,300 per pound.

ADAPTABILITY: Used extensively for freezing, in all sections of the United States. Prolific, high yielding.

ESSENTIALLY SIMILAR VARIETIES: Perfected Freezer



PERFECTED FREEZER

Resistant to Fusarium Wilt

SEASON: 72 days to freezing.

VINE: 30 inches, dark green, Perfection type vine.

PODS: 3¼ inches, blunt, straight, doubles.

PEAS: Dark green, sieve size generally those of regular Perfections.

SEED: Green, wrinkled. 2,250 per pound.

ADAPTABILITY: Used extensively for freezing, in all sections of the United States. Prolific, high yielding.

ESSENTIALLY SIMILAR VARIETIES: Dark Skinned Perfection



BEANS . . .

DARK PODDED TENDERGREEN

SEASON: 54 day to picking.

BUSH: 16 inches free of runners, very dark green foliage.

PODS: 6 inches long, very dark green, round, runs mostly 4's and under. Stringless.

SEED: Purple splashed with buff.

ADAPTABILITY: An excellent variety for freezing or canning, high yielding, with excellent quality.



CONTENDER

SEASON: 48 days to picking.

BUSH: 16 inches tall. Vigorous, erect, leaves medium to small, dark green, smooth, resistant to common bean Mosaic.

PODS: 6 to 7 inches. Round when young, oval at later stage. Medium dark green, stringless and fiberless.

SEED: Off white—lightly mottled with brown. Large kidney shaped.

ADAPTABILITY: Early and highly productive, attractive, slim pods.



TOPCROP

SEASON: 49 days to picking.

BUSH: 20 inches, upright, vigorous, spreads slightly.

PODS: 6 inches, round, slightly creased back, straight, smooth, meaty. Light green, produced high on plant.

SEED: Brown with buff mottling. Very productive and a little earlier than Rival. Has a concentrated pod set and is used both for canning and freezing.



WADE

SEASON: 58 days to picking.

BUSH: 20 inches. Erect, vigorous, dark green foliage, resistant to common bean Mosaic and mildew.

PODS: 5 $\frac{3}{4}$ inches, round, slightly curved, dark green, excellent quality. Pods carried well off the ground.

SEED: Dark reddish brown. Used extensively for canning and freezing and the market garden.



WHITE SEED 33

SEASON: 55 days to picking.

BUSH: 18 inches tall, erect, sturdy, medium green.

FLOWERS: White.

PODS: Dark green, round, straight, 6 inches in length, stringless, fiberless, carried well above the ground and concentrated set of pods.

SEED: Small, white.

ADAPTABILITY: Developed by Washburn-Wilson to provide a white seeded variety for freezing and canning.



ROUND POD KIDNEY WAX

SEASON: 56 days to picking.

BUSH: 16 inches tall, upright, vigorous, medium green large leaves.

PODS: 6 inches. Round, fleshy, stringless, excellent quality. Golden colored.

SEED: Kidney shaped, white with a black eye.

ADAPTABILITY: One of the most popular wax beans for canning and freezing.



KING HORN WAX

SEASON: 55 days to picking.

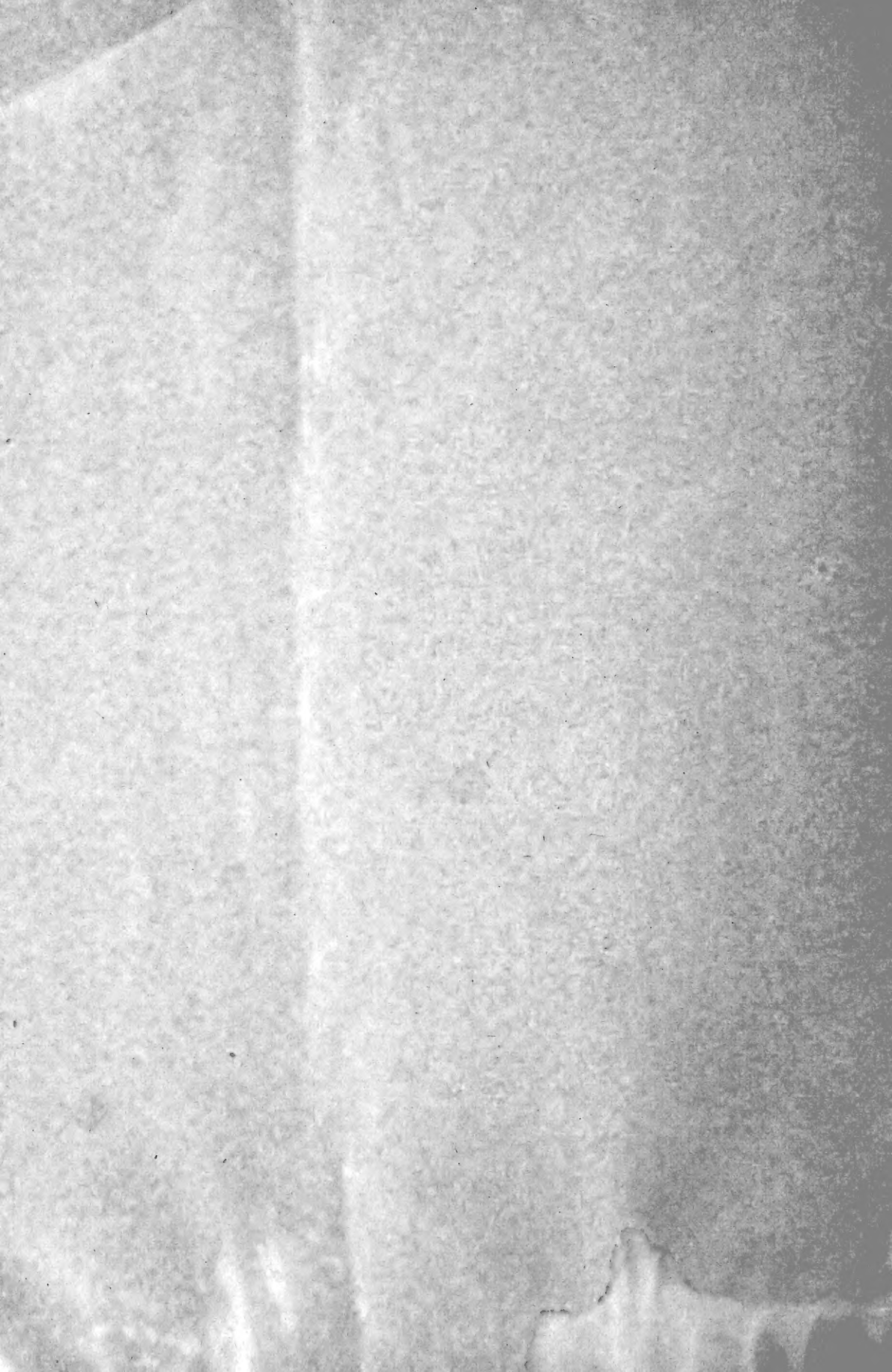
BUSH: 18 inches, vigorous, medium large leaves and medium green foliage.

PODS: 6 inches, round, usually slightly curved, golden yellow.

SEED: Medium small kidney shaped—white seed coat.

ADAPTABILITY: A popular wax bean for canning and freezing.





PERFORMANCE

WASHBURN-WILSON
SEED
CO.
MOSCOW
IDAHO

Washburn Seed Co. 800210, 172211

ALAH

PEAS
H. P. Fumigated

Lot No. 553

Net Wt. 120

Ger. 94

Grown In

Date Test *Idaho*
Jan. 1956

"Seller warrants to the extent of the purchase price that the seeds sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, expressed or implied."

by

WASHBURN'S

WASHBURN-WILSON SEED CO., MOSCOW, IDAHO
Breeder and Grower of Seed Peas and Beans