Recommended Varieties of Field and Vegetable Crops for Colorado

The State Seed Council, at its annual meeting, determined to sponsor a better seed program for Colorado as an important and essential phase of the all-out production program demanded by the war emergency. Field surveys and laboratory analyses furnish ample proof that much seed of inferior quality is planted in the State every year. It is believed that improvement in the general quality of this seed can alone account for an increase of from 10 to 15 per cent in agricultural production.

As one part of this program it was recommended that a committee be appointed to determine and recommend the varieties of field and vegetable crops best adapted to Colorado conditions and foster the establishment and maintenance of foundation stocks of these varieties so as to make them available to the growers. Actually two sub-committees were appointed with personnel as follows:

Sub-committee on vegetable seeds:
A. M. Binkley (Chairman) Experiment Station, C.S.C.
W. J. Fisk, Associated Seed Growers, Inc., Greeley, Colorado

Sub-committee on field crop seeds:
D. W. Robertson (Chairman) Experiment Station, C.S.C.
R. P. Yates, Seed Registration Service, C.S.C.
E. D. Hill, Seed Grower
F. C. Vetting, Seed Dealer

Lists of the recommended varieties of both vegetable and field crops have been prepared by the chairman of each sub-committee and are presented herewith. It is not to be assumed that these lists are all inclusive. There are undoubtedly other varieties of certain crops that are highly satisfactory under certain conditions and in certain localities. However, those listed have been demonstrated to be definitely superior.

Suggestions and comments relative to these lists are invited, not only from members of the committee, but from members of the Seed Council or any one concerned with increasing the agricultural production of the State, one of the main "fronts" in this battle for the existence of democracy.

If the farmer is contemplating planting his own seed he should make sure that it meets the requirements demanded by all-out production, first, as to being an adapted variety and, second, as to purity (freedom from weed seeds, other crop seeds, and inert matter) and germination. Ample information for planting purposes as to the purity and germination of the seed may be secured from the State Seed Laboratory at Fort Collins for fifty cents by sending in a representative sample of the seed and requesting the "Farmer's Test." If more complete information is desired such as is necessary for compliance with the labeling law where seed is to be offered for sale the "Regular" test should be requested, the cost of which for most crop seeds is $1.00.

Should the seed be known to be of inferior quality or should the test prove it to be so, it should be discarded as seed and seed of the desired quality secured from a reliable seed dealer or seed grower. The law requires the quality of such seed to be indicated on the label. The buying of good quality seed is one of the farmer's best investments while the planting of poor seed, whether purchased or home grown, is false economy in its truest sense. The saving made on inferior seed is lost many times over in the reduced value of the harvested crop.

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DEPARTMENT OF AGRONOMY
Colorado State College

STANDARD VARIETIES OF FIELD CROPS FOR COLORADO

**ALFALFA:**
Irrigated Land:
- Necker Baltic
- Ladak
- Grimm
- Haristan

Dry Land:
- Sechler
- Club Mariot
- Glyn
- Spartan

**BARLEY:**
Irrigated Land:
- Lico
- Trebi

Dry Land:
- Sechler
- Club Mariot
- Glyn
- Spartan

**FIELD BEANS:**
Irrigated Land:
- Pinto
- Great Northern

Dry Land:
- Pinto

**SOY BEANS:**
Irrigated Land:
- Scioto
- Minson
- Illini
- Manchuria (brown saddle)

**CORN:**
*Hybrid:
See County Agent and local growers

Open Pollinated:
Plant local adapted strains.
See County Agent and local growers

**FLAX:**
Irrigated or Dry Land:
- Bison

**OATS:**
Irrigated Land:
- Colo. 37
- Markton (warm sections)
- Bannock

Dry Land:
- Brunner
- Kanota

*Inadvisable to make definite recommendations because of frequent changes in crossing strains.

**HAY MILLET:**
Dry Land:
- Kursk
- Hungarian

**PROSO MILLET:**
Dry Land:
- Turghai
- Yellow Melitoba

**FIELD PEAS:**
Irrigated Land:
- French Grey
- Agnes

**FORAGE SORGHUMS:**
Irrigated or Dry Land:
(Northern Section)
- Lecti Red
- Black Amber 7038
- Fremont

(Southern Section)
- Early Sumac
- Lecti Red
- Atlas

**GRAIN SORGHUMS:**
Dry Land:
(Northern Section)
- Highland
- Colby
- Coes
- Kalo

(Southern Section)
- Hegari
- Highland
- Wheatland
- Coes
- Sooner

**SPRING WHEAT:**
Irrigated Land:
- Thatcher

Dry Land:
- Reward
- Thatcher

**WINTER WHEAT:**
Irrigated Land:
- Tenmarq
- Turkey (Kanred)

Dry Land:
- Tenmarq
- Turkey (Kanred)
- Nebred

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